



Remediation Management Services Company

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January 23, 2025

Washington Department of Ecology
Northwest Regional Office
Attn: Ms. Donna Kirkman
15700 Dayton Avenue North
Shoreline, WA 98133

Dear Ms. Kirkman:

Please find the enclosed Semi-Annual Status Report - Second Half of 2024, that documents the results at Olympic Pipe Line Company LLC, Allen Station located at 16292 Ovenell Road, Mount Vernon, Washington.

Sincerely yours,

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

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

cc: File, Antea Group



Semi-Annual Status Report

Second Half of 2024
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Antea[®]Group

Understanding today.
Improving tomorrow.

PREPARED FOR

Remediation Management Services Company
An affiliate of Atlantic Richfield Company
4 Centerpointe Drive, Suite 200
La Palma, CA 90623
and
BP Pipelines and Logistics
Olympic District
600 SW 39th Street, Suite 275
Renton, WA 98057

PREPARED BY

Antea Group - Seattle, WA
January 23, 2025
Project OPLC Allen Station 2024
FSID 2667

us.anteagroup.com

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Semi-Annual Status Report

Second Half of 2024

OPLC Allen Pump Station

16292 Ovenell Road, Mount Vernon, Washington

Reporting Period	July through December 2024
Agency Contact	Donna Kirkman, Toxics Cleanup Program; +1 425 301 6080
Ecology Site ID No.	2667
ERTS ID No.	609166
RM Contact	Wade Melton, +1 360 594 7978
Olympic Contact	Paula Skryja, +1 425 469 4043
Antea®Group Contact	Nolan Lewis, +1 503 550 3703

1.0 SITE HISTORY

- On September 8, 1988, the 16-inch diameter high-pressure pipeline located under the Olympic Pipeline 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 was recovered two days after the release.
- Between September 1988 and February 1989, 28 monitoring wells and eight 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. Analytical 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 two 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 nine 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 (SHA).
- On September 8, 2010, the Skagit County Health Department issued the results of the 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 one, where one represents the highest relative risk and five 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 are included in the semi-annual status reports.
- On January 31, 2011, following a request of the Skagit County Health Department, a groundwater sample was collected from an agricultural well located on the property north of and adjacent to Allen Station. Analytical results of the groundwater sample were below laboratory method detection limits, and Ecology's Model Toxics Control Act (MTCA) Method A Cleanup Levels. A report documenting the analytical results was submitted to the Skagit County Health Department on May 3, 2011.
- Between October 28 and October 29, 2013, Antea Group conducted a subsurface investigation to further delineate shallow soil and groundwater conditions at the Site. Six soil borings were advanced and completed as monitoring wells MW-18, MW-19, MW-20, MW-21, MW-22, and MW-23. Findings from the investigation were presented in Antea Group's Subsurface Investigation Report dated March 26, 2014.
- In November 2014, a release of a diesel/gasoline mixture 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 the discovery of the November release. The investigation included the advancement of 45 borings and the subsequent completion of 26 of those 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 facility, and in the adjacent fields to the north and west of OPLC's 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 five 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.
- In October 2020, a subsurface investigation was completed to further evaluate shallow soil and groundwater conditions with respect to petroleum hydrocarbons. The investigation included the advancement of six borings which were subsequently completed as groundwater monitoring wells MW-72 through MW-77. Findings from the investigation were presented in Antea Group's Subsurface Investigation Report dated January 22, 2021.
- Site characterization and remedial activities are being conducted by OPLC in accordance with MTCA as an Independent Cleanup Action outside the Voluntary Cleanup Program (VCP).

2.0 WORK PERFORMED DURING THE REPORTING PERIOD

- On August 7 and 8, 2024, third quarter groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring wells MW-2, MW-14, MW-19 through MW-21, MW-35, MW-39, MW-44, MW-45, MW-56 through MW-59, MW-61, and MW-67 through MW-77. Light non-aqueous phase liquid (LNAPL) was not measured in any of the observed monitoring wells. Purge water was removed from the Site for proper offsite disposal.
- On August 27, 2024, MW-39 was resampled due to uncharacteristic diesel concentration during the August 7 and 8, 2024 sampling event.
- On November 12 and 13, 2024, fourth quarter groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring wells C, MW-2, MW-14, MW-19 through MW-21, MW-35, MW-39, MW-44, MW-45, MW-56 through MW-59, MW-61, and MW-67 through MW-77. LNAPL was not measured in any of the observed monitoring wells.

3.0 PROJECT STATUS

- Quarterly groundwater sampling of monitoring wells C, MW-2, MW-9, MW-14, MW-19 through MW-21, MW-35, MW-39, MW-44, MW-45, MW-56 through MW-59, MW-61, and MW-67 through MW-77.
- Passive LNAPL recovery as needed.
- Semi-annual reporting.

4.0 DATA REVIEW AND RECOMMENDATIONS

- During the third quarter of 2024 reporting period, groundwater analytical results indicated hydrocarbon concentrations in excess of MTCA Method A Cleanup Levels in monitoring wells MW-2, MW-14, MW-19, MW-21, MW-35, MW-39, MW-44, MW-45, MW-56, MW-58, MW-59, and MW-67.
- On August 7, 2024, MW-39 had an uncharacteristic concentration of total petroleum hydrocarbons as diesel (TPH-D) of 2,500 µg/L. It should be noted that the analysis of this sample contained a qualifier for matrix spike or matrix spike duplicate being outside acceptable limits. Upon resampling on August 27, 2024, TPH-D in MW-39 was not reported above the laboratory reporting limit. This result is similar to

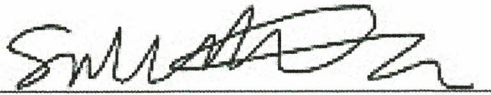
historic sample data. For the August sample of MW-35, the laboratory reported missing diesel analysis bottles. However, a duplicate sample was collected at MW-35 and the data is reported within **Table 2**.

- On August 8, 2024, MW-67 analytical results had benzene, total petroleum hydrocarbons as gasoline (TPH-G) and TPH-D concentrations of 190 µg/L, 5,300 µg/L, and 1,800 µg/L, respectively. These sample results are similar to data reported between 2019 and 2022.
- During the fourth quarter of 2024 reporting period, groundwater analytical results indicate hydrocarbon concentrations in excess of MTCA Method A Cleanup Levels in monitoring wells MW-2, MW-19, MW-21, MW-35, MW-45, MW-56, MW-58, and MW-59.
- On November 13, 2024, the laboratory reported the sample from MW-67 to contain a benzene concentration of 1.6 µg/L. TPH-G and TPH-D were not reported at concentrations above the laboratory reporting limit. Hydrocarbon concentrations in MW-67 appear to fluctuate with seasonal variation in groundwater elevation.
- Antea Group will continue to conduct quarterly groundwater sampling and passive LNAPL recovery as needed.
- Groundwater Gauging Data is presented in **Table 1**. Groundwater Analytical Data is presented in **Table 2**.
- A Site Location Map and an Expanded Site Map are included on **Figure 1** and **Figure 2**, respectively. A Groundwater Elevation Contour Map and Groundwater Analytical Data Map for the third quarter are presented as **Figure 3** and **Figure 4**, respectively. A Groundwater Elevation Contour Map and Groundwater Analytical Data Map for the fourth quarter are presented on **Figure 5** and **Figure 6**, respectively.
- The groundwater analytical laboratory reports are included as **Appendix A**.

5.0 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:



Sneha Nachimuthu
Staff Professional

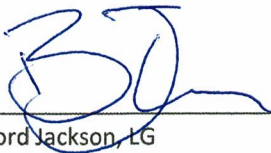
Date: January 23, 2025



Nolan Lewis
Senior Project Manager

Date: January 23, 2025

Reviewed by:



Bradford D. Jackson

Bradford Jackson, LG
Senior Project Manager

Date: January 23, 2025

cc: Ms. Donna Kirkman, Department of Ecology, Northwest Regional Office (Electronic Copy)
Ms. Britt Pfaff Dunton, Skagit County Health Department, Mount Vernon, WA (Electronic Copy)
Ms. Paula Skryja, OPLC, Renton, WA (Electronic Copy)
Mr. Joseph Stone, OPLC, Renton, WA, WA (Electronic Copy)
Mr. Wade Melton, Remediation Management Services Company (Electronic Copy - RMO Upload)
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6.0 CONTACT INFORMATION

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Tables

Table 1 – Groundwater Gauging Data

Table 2 – Groundwater Analytical Data

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	6/23/1992	98.52	5.92	NP	--	92.60	--
MW-1	7/2/1992	98.52	5.41	NP	--	93.11	--
MW-1	8/17/1992	98.52	6.16	NP	--	92.36	--
MW-1	9/30/1992	98.52	9.23	NP	--	89.29	--
MW-1	10/30/1992	98.52	5.93	NP	--	92.59	--
MW-1	11/30/1992	98.52	1.76	NP	--	96.76	--
MW-1	4/16/1993	98.52	3.97	NP	--	94.55	--
MW-1	10/3/2000	98.52	6.81	NP	--	91.71	--
MW-1	2/28/2001	98.52	4.41	NP	--	94.11	--
MW-1	5/30/2001	98.52	4.85	NP	--	93.67	--
MW-1	8/22/2001	98.52	2.78	NP	--	95.74	--
MW-1	11/21/2001	98.52	3.55	NP	--	94.97	--
MW-1	2/20/2002	98.52	5.21	NP	--	93.31	--
MW-1	5/16/2002	98.52	4.31	NP	--	94.21	--
MW-1	8/2/2002	98.52	6.36	NP	--	92.16	--
MW-1	12/19/2002	98.52	5.28	NP	--	93.24	--
MW-1	5/19/2003	98.52	5.51	NP	--	93.01	--
MW-1	11/13/2003	98.52	3.81	NP	--	94.71	--
MW-1	6/4/2004	98.52	5.15	NP	--	93.37	--
MW-1	10/7/2004	98.52	5.74	NP	--	92.78	--
MW-1	4/28/2005	98.52	4.12	NP	--	94.40	--
MW-1	11/16/2005	98.52	3.00	NP	--	95.52	--
MW-1	6/13/2006	98.52	5.35	NP	--	93.17	--
MW-1	2/26/2007	98.52	1.72	NP	--	96.80	--
MW-1	5/9/2007	98.52	5.08	NP	--	93.44	--
MW-1	7/16/2007	98.52	6.54	NP	--	91.98	--
MW-1	8/22/2007	98.52	7.01	NP	--	91.51	--
MW-1	9/25/2007	98.52	7.27	NP	--	91.25	--
MW-1	10/25/2007	98.52	2.55	NP	--	95.97	--
MW-1	11/9/2007	98.52	5.70	NP	--	92.82	--
MW-1	12/3/2007	98.52	1.84	NP	--	96.68	--
MW-1	1/17/2008	98.52	2.31	NP	--	96.21	--
MW-1	4/7/2008	98.52	2.76	NP	--	95.76	--
MW-1	7/22/2008	98.52	6.12	NP	--	92.40	--
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	11/9/2014	98.52	1.90	NP	--	96.62	--
MW-1	11/10/2014	98.52	2.36	NP	--	96.16	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	11/12/2014	98.52	3.26	NP	--	95.26	--
MW-1	11/18/2014	98.52	4.18	NP	--	94.34	--
MW-1	11/19/2014	98.52	4.23	NP	--	94.29	--
MW-1	12/1/2014	95.93	2.90	NP	--	93.03	--
MW-1	12/8/2014	95.93	2.58	NP	--	93.35	--
MW-1	12/15/2014	95.93	2.91	NP	--	93.02	--
MW-1	12/22/2014	95.93	1.85	NP	--	94.08	--
MW-1	12/29/2014	95.93	1.74	NP	--	94.19	--
MW-1	1/5/2015	95.93	1.38	NP	--	94.55	--
MW-1	1/12/2015	95.93	2.26	NP	--	93.67	--
MW-1	1/19/2015	95.93	1.55	NP	--	94.38	--
MW-1	1/26/2015	95.93	1.76	NP	--	94.17	--
MW-1	2/2/2015	95.93	2.70	NP	--	93.23	--
MW-1	2/9/2015	95.93	1.60	NP	--	94.33	--
MW-1	2/16/2015	95.93	2.22	NP	--	93.71	--
MW-1	2/23/2015	95.93	3.01	NP	--	92.92	--
MW-1	3/2/2015	95.93	2.65	NP	--	93.28	--
MW-1	3/9/2015	95.93	3.63	NP	--	92.30	--
MW-1	3/16/2015	95.93	1.67	NP	--	94.26	--
MW-1	3/23/2015	95.93	2.00	NP	--	93.93	--
MW-1	3/30/2015	95.93	2.63	NP	--	93.30	--
MW-1	4/6/2015	95.93	3.59	NP	--	92.34	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	6/7/2016	95.93	5.35	NP	--	90.58	--
MW-1	6/21/2016	95.93	4.65	NP	--	91.28	--
MW-1	7/19/2016	95.93	6.00	NP	--	89.93	--
MW-1	8/23/2016	95.93	6.89	NP	--	89.04	--
MW-1	9/20/2016	95.93	5.90	NP	--	90.03	--
MW-1	11/8/2016	95.93	4.23	NP	--	91.70	--
MW-1	12/6/2016	95.93	1.97	NP	--	93.96	--
MW-1	3/21/2017	95.93	1.80	NP	--	94.13	--
MW-1	4/27/2017	95.93	3.58	NP	--	92.35	--
MW-1	5/30/2017	95.93	4.71	NP	--	91.22	--
MW-1	6/28/2017	95.93	5.71	NP	--	90.22	--
MW-1	8/3/2017	95.93	6.81	NP	--	89.12	--
MW-1	8/31/2017	95.93	7.36	NP	--	88.57	--
MW-1	11/29/2017	95.93	2.05	NP	--	93.88	--
MW-1	2/27/2018	95.93	2.50	NP	--	93.43	--
MW-1	6/12/2018	95.93	5.66	NP	--	90.27	--
MW-1	8/29/2018	95.93	7.38	NP	--	88.55	--
MW-1	11/6/2018	95.93	4.82	NP	--	91.11	--
MW-1	3/6/2019	95.93	4.09	NP	--	91.84	--
MW-1	5/28/2019	95.93	5.70	NP	--	90.23	--
MW-1	9/3/2019	95.93	7.50	NP	--	88.43	--
MW-1	11/19/2019	95.93	1.60	NP	--	94.33	--
MW-1	3/3/2020	95.93	1.55	NP	--	94.38	--
MW-1	6/9/2020	95.93	4.14	NP	--	91.79	--
MW-1	8/18/2020	95.93	6.22	NP	--	89.71	--
MW-1	11/4/2020	95.93	2.03	NP	--	93.90	--
MW-1	2/3/2021	95.93	1.62	NP	--	94.31	--
MW-1	5/11/2021	95.93	4.94	NP	--	90.99	--
MW-1	7/28/2021	95.93	7.00	NP	--	88.93	--
MW-1	10/20/2021	95.93	5.29	NP	--	90.64	--
MW-1	1/18/2022	95.93	1.67	NP	--	94.26	--
MW-1	4/19/2022	95.93	3.31	NP	--	92.62	--
MW-1	8/2/2022	95.93	6.10	NP	--	89.83	--
MW-1	10/25/2022	95.93	7.41	NP	--	88.52	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	12/19/2002	99.09	7.08	NP	--	92.01	--
MW-2	5/19/2003	99.09	6.24	NP	--	92.85	--
MW-2	11/13/2003	99.09	6.65	NP	--	92.44	--
MW-2	6/4/2004	99.09	5.96	NP	--	93.13	--
MW-2	10/7/2004	99.09	6.51	NP	--	92.58	--
MW-2	4/28/2005	99.09	4.89	NP	--	94.20	--
MW-2	11/16/2005	99.09	5.46	NP	--	93.63	--
MW-2	6/13/2006	99.09	6.29	NP	--	92.80	--
MW-2	2/26/2007	99.09	3.51	NP	--	95.58	--
MW-2	5/9/2007	99.09	5.92	NP	--	93.17	--
MW-2	7/16/2007	99.09	7.40	NP	--	91.69	--
MW-2	8/22/2007	99.09	7.94	NP	--	91.15	--
MW-2	9/25/2007	99.09	8.22	NP	--	90.87	--
MW-2	10/25/2007	99.09	6.25	NP	--	92.84	--
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	11/9/2014	99.09	4.27	NP	--	94.82	--
MW-2	11/10/2014	99.09	4.43	NP	--	94.66	--
MW-2	11/12/2014	99.09	4.73	NP	--	94.36	--
MW-2	11/18/2014	99.09	5.33	NP	--	93.76	--
MW-2	11/19/2014	99.09	5.37	NP	--	93.72	--
MW-2	12/1/2014	97.23	4.25	NP	--	92.98	--
MW-2	12/8/2014	97.23	4.40	NP	--	92.83	--
MW-2	12/15/2014	97.23	4.05	NP	--	93.18	--
MW-2	12/22/2014	97.23	3.78	NP	--	93.45	--
MW-2	12/29/2014	97.23	3.60	NP	--	93.63	--
MW-2	1/5/2015	97.23	2.41	NP	--	94.82	--
MW-2	1/12/2015	97.23	3.80	NP	--	93.43	--
MW-2	1/19/2015	97.23	2.93	NP	--	94.30	--
MW-2	1/26/2015	97.23	3.44	NP	--	93.79	--
MW-2	2/2/2015	97.23	4.18	NP	--	93.05	--
MW-2	2/9/2015	97.23	3.25	NP	--	93.98	--
MW-2	2/16/2015	97.23	3.72	NP	--	93.51	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	2/23/2015	97.23	4.22	NP	--	93.01	--
MW-2	3/2/2015	97.23	4.08	NP	--	93.15	--
MW-2	3/9/2015	97.23	4.74	NP	--	92.49	--
MW-2	3/16/2015	97.23	3.24	NP	--	93.99	--
MW-2	3/23/2015	97.23	3.73	NP	--	93.50	--
MW-2	3/30/2015	97.23	4.03	NP	--	93.20	--
MW-2	4/6/2015	97.23	4.72	NP	--	92.51	--
MW-2	4/22/2015	97.23	5.60	NP	--	91.63	--
MW-2	5/4/2015	97.23	5.74	NP	--	91.49	--
MW-2	5/18/2015	97.23	6.15	NP	--	91.08	--
MW-2	6/1/2015	97.23	6.66	NP	--	90.57	--
MW-2	6/15/2015	97.23	7.02	NP	--	90.21	--
MW-2	6/19/2015	97.23	7.15	NP	--	90.08	--
MW-2	6/29/2015	97.23	7.38	NP	--	89.85	--
MW-2	7/13/2015	97.23	7.65	NP	--	89.58	--
MW-2	7/28/2015	97.23	7.96	NP	--	89.27	--
MW-2	8/10/2015	97.23	8.21	NP	--	89.02	--
MW-2	8/24/2015	97.23	8.42	NP	--	88.81	--
MW-2	9/8/2015	97.23	7.52	NP	--	89.71	--
MW-2	9/21/2015	97.23	7.65	NP	--	89.58	--
MW-2	10/5/2015	97.23	7.97	NP	--	89.26	--
MW-2	10/12/2015	97.23	7.90	NP	--	89.33	--
MW-2	10/19/2015	97.23	8.01	NP	--	89.22	--
MW-2	11/2/2015	97.23	5.78	NP	--	91.45	--
MW-2	11/16/2015	97.23	3.78	NP	--	93.45	--
MW-2	11/30/2015	97.23	5.15	NP	--	92.08	--
MW-2	1/18/2016	97.23	4.15	NP	--	93.08	--
MW-2	2/1/2016	97.23	3.45	NP	--	93.78	--
MW-2	2/15/2016	97.23	2.46	NP	--	94.77	--
MW-2	3/7/2016	97.23	4.08	NP	--	93.15	--
MW-2	3/29/2016	97.23	3.64	NP	--	93.59	--
MW-2	4/5/2016	97.23	--	--	--	--	NG
MW-2	4/19/2016	97.23	4.75	NP	--	92.48	--
MW-2	5/10/2016	97.23	5.62	NP	--	91.61	--
MW-2	5/24/2016	97.23	6.02	NP	--	91.21	--
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	IW
MW-2	11/29/2017	97.23	4.46	NP	--	92.77	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	2/27/2018	97.23	3.90	NP	--	93.33	--
MW-2	6/12/2018	97.23	6.63	NP	--	90.60	--
MW-2	8/29/2018	97.23	8.29	NP	--	88.94	--
MW-2	11/6/2018	97.23	5.98	NP	--	91.25	--
MW-2	3/6/2019	97.23	5.25	NP	--	91.98	--
MW-2	5/28/2019	97.23	6.80	NP	--	90.43	--
MW-2	9/3/2019	97.23	8.17	NP	--	89.06	--
MW-2	11/19/2019	97.23	3.46	NP	--	93.77	--
MW-2	3/3/2020	97.23	2.84	NP	--	94.39	--
MW-2	6/9/2020	97.23	5.54	NP	--	91.69	--
MW-2	8/19/2020	97.23	7.18	NP	--	90.05	--
MW-2	11/4/2020	97.23	6.00	NP	--	91.23	--
MW-2	2/3/2021	97.23	3.04	NP	--	94.19	--
MW-2	5/11/2021	97.23	5.97	NP	--	91.26	--
MW-2	7/28/2021	97.23	7.90	NP	--	89.33	--
MW-2	10/20/2021	97.23	6.59	NP	--	90.64	--
MW-2	1/18/2022	97.23	2.60	NP	--	94.63	--
MW-2	1/18/2022	97.23	--	--	--	--	--
MW-2	4/19/2022	97.23	4.72	NP	--	92.51	--
MW-2	8/2/2022	97.23	7.02	NP	--	90.21	--
MW-2	10/25/2022	97.23	8.47	NP	--	88.76	--
MW-2	2/15/2023	97.23	4.79	NP	--	92.44	--
MW-2	4/18/2023	97.23	5.10	NP	--	92.13	--
MW-2	7/19/2023	97.23	7.76	NP	--	89.47	--
MW-2	11/7/2023	97.23	6.56	NP	--	90.67	--
MW-2	1/24/2024	97.23	3.17	NP	--	94.06	--
MW-2	4/30/2024	97.23	4.39	NP	--	92.84	--
MW-2	8/7/2024	97.23	7.37	NP	--	89.86	--
MW-2	11/12/2024	97.23	4.11	NP	--	93.12	--
MW-9	2/26/2007	--	7.53	NP	--	--	--
MW-9	5/9/2007	--	8.22	NP	--	--	--
MW-9	7/16/2007	--	9.11	NP	--	--	--
MW-9	8/22/2007	--	--	--	--	--	Dry
MW-9	9/25/2007	--	--	--	--	--	Dry
MW-9	10/25/2007	--	--	--	--	--	Dry
MW-9	11/9/2007	--	--	--	--	--	Dry
MW-9	12/3/2007	--	--	--	--	--	Dry
MW-9	1/17/2008	--	9.08	NP	--	--	--
MW-9	4/7/2008	--	--	--	--	--	Dry
MW-9	7/22/2008	--	--	--	--	--	Dry
MW-9	10/21/2008	--	--	--	--	--	Dry
MW-9	7/6/2009	--	--	--	--	--	Dry
MW-9	3/17/2010	--	--	--	--	--	Dry
MW-9	9/15/2010	--	--	--	--	--	Dry
MW-9	3/4/2011	--	--	--	--	--	Dry
MW-9	8/24/2011	--	--	--	--	--	Dry
MW-9	5/10/2012	--	--	--	--	--	Dry
MW-9	11/15/2012	--	--	--	--	--	Dry
MW-9	3/27/2013	--	7.35	NP	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

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

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	2/1/2016	99.67	6.90	NP	--	92.77	--
MW-9	2/15/2016	99.67	6.57	NP	--	93.10	--
MW-9	3/7/2016	99.67	6.68	NP	--	92.99	--
MW-9	3/29/2016	99.67	6.82	NP	--	92.85	--
MW-9	4/5/2016	99.67	--	--	--	--	NG
MW-9	4/19/2016	99.67	7.40	NP	--	92.27	--
MW-9	5/10/2016	99.67	8.02	NP	--	91.65	--
MW-9	5/24/2016	99.67	8.40	NP	--	91.27	--
MW-9	6/7/2016	99.67	8.69	NP	--	90.98	--
MW-9	6/21/2016	99.67	8.90	NP	--	90.77	--
MW-9	7/19/2016	99.67	--	--	--	--	Dry
MW-9	8/23/2016	99.67	--	--	--	--	Dry
MW-9	9/20/2016	99.67	--	--	--	--	Dry
MW-9	11/8/2016	99.67	--	--	--	--	Dry
MW-9	12/6/2016	99.67	--	--	--	--	Dry
MW-9	3/21/2017	99.67	6.69	NP	--	92.98	Dry
MW-9	4/27/2017	99.67	7.47	NP	--	92.20	Dry
MW-9	5/30/2017	99.67	8.20	NP	--	91.47	Dry
MW-9	6/28/2017	99.67	8.93	NP	--	90.74	Dry
MW-9	8/3/2017	99.67	--	--	--	--	Dry
MW-9	8/31/2017	99.67	--	--	--	--	Dry
MW-9	11/29/2017	99.67	--	--	--	--	Dry
MW-9	2/27/2018	99.67	6.46	NP	--	93.21	--
MW-9	6/12/2018	99.67	8.70	NP	--	90.97	--
MW-9	8/29/2018	99.67	--	--	--	--	Dry
MW-9	11/6/2018	99.67	--	--	--	--	Dry
MW-9	3/6/2019	99.67	--	--	--	--	Dry
MW-9	5/28/2019	99.67	--	--	--	--	Dry
MW-9	9/3/2019	99.67	--	--	--	--	Dry
MW-9	11/19/2019	99.67	--	--	--	--	Dry
MW-9	3/3/2020	99.67	6.42	NP	--	93.25	--
MW-9	6/9/2020	99.67	8.52	NP	--	91.15	--
MW-9	8/18/2020	99.67	--	--	--	--	Dry
MW-9	11/4/2020	99.67	--	--	--	--	Dry
MW-9	2/3/2021	99.67	7.20	NP	--	92.47	--
MW-9	5/11/2021	99.67	8.42	NP	--	91.25	--
MW-9	7/28/2021	99.67	--	--	--	--	Dry
MW-9	10/20/2021	--	--	--	--	--	Dry
MW-9	1/18/2022	99.67	5.88	NP	--	93.79	--
MW-9	4/19/2022	99.67	7.60	NP	--	92.07	--
MW-9	8/2/2022	99.67	9.15	NP	--	90.52	--
MW-9	10/25/2022	99.67	--	--	--	--	Dry
MW-9	2/15/2023	99.67	8.32	NP	--	91.35	--
MW-9	4/18/2023	99.67	8.28	NP	--	91.39	--
MW-9	7/19/2023	99.67	--	--	--	--	Dry
MW-9	11/7/2023	99.67	--	--	--	--	Dry
MW-9	1/24/2024	--	--	--	--	--	Dry
MW-9	4/30/2024	99.67	8.56	NP	--	91.11	--
MW-9	8/7/2024	99.67	--	--	--	--	Dry
MW-9	11/12/2024	99.67	--	--	--	--	Dry

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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	--
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	11/9/2014	101.10	4.45	NP	--	96.65	--
MW-12	11/10/2014	101.10	4.79	NP	--	96.31	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	11/12/2014	101.10	5.25	NP	--	95.85	--
MW-12	11/18/2014	101.10	6.16	NP	--	94.94	--
MW-12	11/19/2014	101.10	6.21	NP	--	94.89	--
MW-12	12/1/2014	98.46	4.65	NP	--	93.81	--
MW-12	12/8/2014	98.46	4.80	NP	--	93.66	--
MW-12	12/15/2014	98.46	4.44	NP	--	94.02	--
MW-12	12/22/2014	98.46	4.38	NP	--	94.08	--
MW-12	12/29/2014	98.46	4.13	NP	--	94.33	--
MW-12	1/5/2015	98.46	2.93	NP	--	95.53	--
MW-12	1/12/2015	98.46	4.44	NP	--	94.02	--
MW-12	1/19/2015	98.46	3.74	NP	--	94.72	--
MW-12	1/26/2015	98.46	3.91	NP	--	94.55	--
MW-12	2/2/2015	98.46	4.92	NP	--	93.54	--
MW-12	2/9/2015	98.46	3.79	NP	--	94.67	--
MW-12	2/16/2015	98.46	4.35	NP	--	94.11	--
MW-12	2/23/2015	98.46	4.97	NP	--	93.49	--
MW-12	3/2/2015	98.46	4.70	NP	--	93.76	--
MW-12	3/9/2015	98.46	5.63	NP	--	92.83	--
MW-12	3/16/2015	98.46	4.28	NP	--	94.18	--
MW-12	3/23/2015	98.46	4.22	NP	--	94.24	--
MW-12	3/30/2015	98.46	4.56	NP	--	93.90	--
MW-12	4/6/2015	98.46	5.63	NP	--	92.83	--
MW-12	4/22/2015	98.46	6.77	NP	--	91.69	--
MW-12	5/4/2015	98.46	6.90	NP	--	91.56	--
MW-12	5/18/2015	98.46	7.38	NP	--	91.08	--
MW-12	6/1/2015	98.46	7.96	NP	--	90.50	--
MW-12	6/15/2015	98.46	8.36	NP	--	90.10	--
MW-12	6/19/2015	98.46	8.50	NP	--	89.96	--
MW-12	6/29/2015	98.46	8.73	NP	--	89.73	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	6/7/2016	98.46	7.53	NP	--	90.93	--
MW-12	6/21/2016	98.46	6.99	NP	--	91.47	--
MW-12	7/19/2016	98.46	8.19	NP	--	90.27	--
MW-12	8/23/2016	98.46	9.08	NP	--	89.38	--
MW-12	9/20/2016	98.46	8.28	NP	--	90.18	--
MW-12	11/8/2016	98.46	4.54	NP	--	93.92	--
MW-12	12/6/2016	98.46	4.43	NP	--	94.03	--
MW-12	3/21/2017	98.46	4.03	NP	--	94.43	--
MW-12	4/27/2017	98.46	5.71	NP	--	92.75	--
MW-12	5/30/2017	98.46	6.81	NP	--	91.65	--
MW-12	6/28/2017	98.46	7.94	NP	--	90.52	--
MW-12	8/3/2017	98.46	9.00	NP	--	89.46	--
MW-12	8/31/2017	98.46	9.59	NP	--	88.87	--
MW-12	11/29/2017	98.46	4.99	NP	--	93.47	--
MW-12	2/27/2018	98.46	4.61	NP	--	93.85	--
MW-12	6/12/2018	98.46	7.90	NP	--	90.56	--
MW-12	8/29/2018	98.46	9.60	NP	--	88.86	--
MW-12	11/6/2018	98.46	7.51	NP	--	90.95	--
MW-12	3/6/2019	98.46	6.12	NP	--	92.34	--
MW-12	5/28/2019	98.46	8.00	NP	--	90.46	--
MW-12	9/3/2019	98.46	9.73	NP	--	88.73	--
MW-12	11/19/2019	98.46	3.91	NP	--	94.55	--
MW-12	3/3/2020	98.46	3.38	NP	--	95.08	--
MW-12	6/9/2020	98.46	6.78	NP	--	91.68	--
MW-12	8/18/2020	98.46	8.32	NP	--	90.14	--
MW-12	11/4/2020	98.46	6.52	NP	--	91.94	--
MW-12	2/3/2021	98.46	3.57	NP	--	94.89	--
MW-12	5/11/2021	98.46	7.24	NP	--	91.22	--
MW-12	7/28/2021	98.46	8.92	NP	--	89.54	--
MW-12	10/20/2021	98.46	2.28	NP	--	96.18	--
MW-12	1/18/2022	98.46	2.96	NP	--	95.50	--
MW-12	4/19/2022	98.46	5.76	NP	--	92.70	--
MW-12	8/2/2022	98.46	8.16	NP	--	90.30	--
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	92.64	--
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	94.65	--
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	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	5/19/2003	99.36	6.03	6.02	0.01	93.34	--
MW-14	11/13/2003	99.36	6.27	6.26	0.01	93.10	--
MW-14	6/4/2004	99.36	5.57	NP	--	93.79	--
MW-14	10/7/2004	99.36	6.27	NP	--	93.09	--
MW-14	4/28/2005	99.36	4.53	NP	--	94.83	--
MW-14	11/16/2005	99.36	4.32	NP	--	95.04	--
MW-14	6/13/2006	99.36	5.94	NP	--	93.42	--
MW-14	2/26/2007	99.36	2.50	NP	--	96.86	--
MW-14	5/9/2007	99.36	6.68	NP	--	92.68	--
MW-14	7/16/2007	99.36	7.06	NP	--	92.30	--
MW-14	8/22/2007	99.36	7.58	NP	--	91.78	--
MW-14	9/25/2007	99.36	7.90	NP	--	91.46	--
MW-14	10/25/2007	99.36	5.25	NP	--	94.11	--
MW-14	11/9/2007	99.36	6.24	NP	--	93.12	--
MW-14	12/3/2007	99.36	5.17	NP	--	94.19	--
MW-14	1/17/2008	99.36	3.10	NP	--	96.26	--
MW-14	4/7/2008	99.36	3.41	NP	--	95.95	--
MW-14	7/22/2008	99.36	6.64	NP	--	92.72	--
MW-14	10/21/2008	99.36	7.42	NP	--	91.94	--
MW-14	1/20/2009	99.36	3.29	NP	--	96.07	--
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	11/9/2014	99.36	1.64	NP	--	97.72	--
MW-14	11/10/2014	99.36	1.98	NP	--	97.38	--
MW-14	11/18/2014	99.36	3.27	NP	--	96.09	--
MW-14	11/19/2014	99.36	3.32	NP	--	96.04	--
MW-14	12/1/2014	99.36	1.80	NP	--	97.56	--
MW-14	12/8/2014	99.36	1.90	NP	--	97.46	--
MW-14	12/15/2014	99.36	1.59	NP	--	97.77	--
MW-14	12/22/2014	99.36	1.68	NP	--	97.68	--
MW-14	12/29/2014	99.36	1.35	NP	--	98.01	--
MW-14	1/5/2015	99.36	0.65	NP	--	98.71	--
MW-14	1/12/2015	99.36	1.28	NP	--	98.08	--
MW-14	1/19/2015	99.36	1.32	NP	--	98.04	--
MW-14	1/26/2015	99.36	1.29	NP	--	98.07	--
MW-14	2/2/2015	99.36	2.03	NP	--	97.33	--
MW-14	2/9/2015	99.36	1.29	NP	--	98.07	--
MW-14	2/16/2015	99.36	1.42	NP	--	97.94	--
MW-14	2/23/2015	99.36	2.09	NP	--	97.27	--
MW-14	3/2/2015	99.36	1.82	NP	--	97.54	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

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

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	8/29/2018	99.36	6.60	NP	--	92.76	Dry
MW-14	11/6/2018	99.36	4.55	NP	--	94.81	--
MW-14	3/6/2019	99.36	3.09	NP	--	96.27	--
MW-14	5/28/2019	99.36	4.95	NP	--	94.41	--
MW-14	9/3/2019	99.36	--	--	--	--	Dry
MW-14	11/19/2019	99.36	1.65	NP	--	97.71	--
MW-14	3/3/2020	99.36	0.60	NP	--	98.76	--
MW-14	6/9/2020	99.36	3.42	NP	--	95.94	--
MW-14	8/19/2020	99.36	5.32	NP	--	94.04	--
MW-14	11/4/2020	99.36	3.61	NP	--	95.75	--
MW-14	2/3/2021	99.36	1.00	NP	--	98.36	--
MW-14	5/11/2021	99.36	4.26	NP	--	95.10	--
MW-14	7/28/2021	99.36	5.97	NP	--	93.39	--
MW-14	10/20/2021	99.36	4.40	NP	--	94.96	--
MW-14	1/18/2022	99.36	0.35	NP	--	99.01	--
MW-14	4/19/2022	99.36	2.75	NP	--	96.61	--
MW-14	8/2/2022	99.36	5.21	NP	--	94.15	--
MW-14	10/25/2022	99.36	--	--	--	--	Dry
MW-14	2/15/2023	99.36	2.76	NP	--	96.60	--
MW-14	4/18/2023	99.36	3.18	NP	--	96.18	--
MW-14	7/19/2023	99.36	5.82	NP	--	93.54	--
MW-14	11/7/2023	99.36	4.47	NP	--	94.89	--
MW-14	1/24/2024	99.36	1.10	NP	--	98.26	--
MW-14	4/30/2024	99.36	2.32	NP	--	97.04	--
MW-14	8/7/2024	99.36	5.34	NP	--	94.02	--
MW-14	11/12/2024	99.36	1.53	NP	--	97.83	--
MW-17A	4/28/2005	101.53	5.52	NP	--	96.01	--
MW-17A	11/16/2005	101.53	7.63	NP	--	93.90	--
MW-17A	6/13/2006	101.53	7.05	NP	--	94.48	--
MW-17A	2/26/2007	101.53	4.98	NP	--	96.55	--
MW-17A	5/9/2007	101.53	6.63	NP	--	94.90	--
MW-17A	7/16/2007	101.53	7.98	NP	--	93.55	--
MW-17A	8/22/2007	101.53	8.55	NP	--	92.98	--
MW-17A	9/25/2007	101.53	8.93	NP	--	92.60	--
MW-17A	10/25/2007	101.53	7.88	NP	--	93.65	--
MW-17A	11/9/2007	101.53	7.95	NP	--	93.58	--
MW-17A	12/3/2007	101.53	7.53	NP	--	94.00	--
MW-17A	1/17/2008	101.53	5.95	NP	--	95.58	--
MW-17A	4/7/2008	101.53	5.42	NP	--	96.11	--
MW-17A	7/22/2008	101.53	7.66	NP	--	93.87	--
MW-17A	10/21/2008	101.53	8.75	NP	--	92.78	--
MW-17A	1/20/2009	101.53	5.14	NP	--	96.39	--
MW-17A	7/6/2009	101.53	8.11	NP	--	93.42	--
MW-17A	3/17/2010	101.53	6.58	NP	--	94.95	--
MW-17A	9/15/2010	101.53	8.20	NP	--	93.33	--
MW-17A	3/4/2011	101.53	4.99	NP	--	96.54	--
MW-17A	8/24/2011	101.53	8.11	NP	--	93.42	--
MW-17A	5/10/2012	101.53	5.25	NP	--	96.28	--
MW-17A	11/15/2012	101.53	7.82	NP	--	93.71	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	3/27/2013	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	11/9/2014	101.53	6.57	NP	--	94.96	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/10/2014	101.53	6.47	NP	--	95.06	--
MW-17A	11/10/2014	101.53	6.45	NP	--	95.08	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/11/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/11/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/12/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/13/2014	101.53	6.56	NP	--	94.97	--
MW-17A	11/14/2014	101.53	6.68	NP	--	94.85	--
MW-17A	11/17/2014	101.53	6.80	NP	--	94.73	--
MW-17A	11/18/2014	101.53	6.85	NP	--	94.68	--
MW-17A	11/19/2014	101.53	6.85	NP	--	94.68	--
MW-17A	12/1/2014	98.54	6.16	NP	--	92.38	--
MW-17A	12/8/2014	98.54	6.25	NP	--	92.29	--
MW-17A	12/15/2014	98.54	5.75	NP	--	92.79	--
MW-17A	12/22/2014	98.54	5.75	NP	--	92.79	--
MW-17A	12/29/2014	98.54	5.40	NP	--	93.14	--
MW-17A	1/5/2015	98.54	5.42	NP	--	93.12	--
MW-17A	1/12/2015	98.54	5.16	NP	--	93.38	--
MW-17A	1/14/2015	98.54	5.16	NP	--	93.38	--
MW-17A	1/19/2015	98.54	5.32	NP	--	93.22	--
MW-17A	1/26/2015	98.54	4.89	NP	--	93.65	--
MW-17A	2/2/2015	98.54	5.40	NP	--	93.14	--
MW-17A	2/9/2015	98.54	4.92	NP	--	93.62	--
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

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	9/21/2015	98.54	--	--	--	--	Dry
MW-17A	10/5/2015	98.54	--	--	--	--	Dry
MW-17A	10/12/2015	98.54	--	--	--	--	Dry
MW-17A	10/19/2015	98.54	--	--	--	--	Dry
MW-17A	11/2/2015	98.54	--	--	--	--	Dry
MW-17A	11/16/2015	98.54	8.64	NP	--	89.90	--
MW-17A	11/30/2015	98.54	--	--	--	--	NG
MW-17A	1/18/2016	98.54	6.45	NP	--	92.09	--
MW-17A	2/1/2016	98.54	5.58	NP	--	92.96	--
MW-17A	2/15/2016	98.54	2.91	NP	--	95.63	--
MW-17A	3/7/2016	98.54	4.70	NP	--	93.84	--
MW-17A	3/29/2016	98.54	5.75	NP	--	92.79	--
MW-17A	4/5/2016	98.54	--	--	--	--	NG
MW-17A	4/19/2016	98.54	6.70	NP	--	91.84	--
MW-17A	5/10/2016	98.54	7.47	NP	--	91.07	--
MW-17A	5/24/2016	98.54	7.86	NP	--	90.68	--
MW-17A	6/7/2016	98.54	8.18	NP	--	90.36	--
MW-17A	6/21/2016	98.54	7.99	NP	--	90.55	--
MW-17A	7/19/2016	98.54	8.77	NP	--	89.77	--
MW-17A	8/23/2016	98.54	--	--	--	--	Dry
MW-17A	9/20/2016	98.54	--	--	--	--	Dry
MW-17A	11/8/2016	98.54	7.21	NP	--	91.33	--
MW-17A	12/6/2016	98.54	--	--	--	--	--
MW-17A	3/21/2017	98.54	3.44	NP	--	95.10	Dry
MW-17A	4/27/2017	98.54	6.52	NP	--	92.02	Dry
MW-17A	5/30/2017	98.54	7.36	NP	--	91.18	Dry
MW-17A	6/28/2017	98.54	8.40	NP	--	90.14	Dry
MW-17A	8/3/2017	98.54	--	--	--	--	Dry
MW-17A	8/31/2017	98.54	--	--	--	--	Dry
MW-17A	9/26/2017	98.54	--	--	--	--	Dry
MW-17A	11/29/2017	98.54	2.27	NP	--	96.27	--
MW-17A	2/27/2018	98.54	5.69	NP	--	92.85	--
MW-17A	6/12/2018	98.54	8.16	NP	--	90.38	--
MW-17A	8/29/2018	98.54	9.19	NP	--	89.35	--
MW-17A	11/6/2018	98.54	9.16	NP	--	89.38	--
MW-17A	3/6/2019	98.54	7.31	NP	--	91.23	--
MW-17A	5/28/2019	98.54	--	--	--	--	Dry
MW-17A	9/3/2019	98.54	--	--	--	--	Dry
MW-17A	11/19/2019	98.54	7.52	NP	--	91.02	--
MW-17A	3/3/2020	98.54	4.79	NP	--	93.75	--
MW-17A	6/9/2020	98.54	6.27	NP	--	92.27	--
MW-17A	8/18/2020	98.54	--	--	--	--	Dry
MW-17A	11/4/2020	98.54	--	--	--	--	Dry
MW-17A	2/3/2021	98.54	5.50	NP	--	93.04	--
MW-17A	5/11/2021	98.54	7.73	NP	--	90.81	--
MW-17A	7/28/2021	--	--	--	--	--	Dry
MW-17A	10/20/2021	--	--	--	--	--	Dry
MW-17A	1/18/2022	98.54	2.30	NP	--	96.24	--
MW-17A	4/19/2022	98.54	6.55	NP	--	91.99	--
MW-17A	8/2/2022	98.54	--	--	--	--	Dry

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	10/25/2022	98.54	--	--	--	--	Dry
MW-18	12/17/2013	97.08	5.92	NP	--	91.16	--
MW-18	6/24/2014	97.08	5.50	NP	--	91.58	--
MW-18	11/6/2014	97.08	5.21	NP	--	91.87	--
MW-18	11/7/2014	97.08	5.25	NP	--	91.83	--
MW-18	11/8/2014	97.08	--	--	--	--	WI
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	91.71	--
MW-18	11/12/2014	97.08	7.80	4.50	3.30	91.76	--
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	91.16	--
MW-18	11/17/2014	97.08	6.65	5.55	1.10	91.26	--
MW-18	11/18/2014	97.08	6.05	5.87	0.18	91.17	--
MW-18	11/19/2014	97.08	5.98	5.91	0.07	91.15	--
MW-18	12/1/2014	97.08	4.96	NP	--	92.12	--
MW-18	12/8/2014	97.08	4.92	4.91	0.01	92.17	--
MW-18	12/15/2014	97.08	4.52	NP	--	92.56	--
MW-18	12/22/2014	97.08	4.49	NP	--	92.59	--
MW-18	12/29/2014	97.08	4.12	NP	--	92.96	--
MW-18	1/5/2015	97.08	3.65	NP	--	93.43	--
MW-18	1/12/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/13/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/19/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/26/2015	97.08	3.54	NP	--	93.54	--
MW-18	2/2/2015	97.08	3.99	NP	--	93.09	--
MW-18	2/9/2015	97.08	3.52	NP	--	93.56	--
MW-18	2/16/2015	97.08	3.59	NP	--	93.49	--
MW-18	2/23/2015	97.08	4.05	NP	--	93.03	--
MW-18	3/2/2015	97.08	4.10	NP	--	92.98	--
MW-18	3/9/2015	97.08	4.50	NP	--	92.58	--
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	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	8/10/2015	97.08	7.98	7.97	0.01	89.11	--
MW-18	8/24/2015	97.08	8.20	8.18	0.02	88.90	--
MW-18	9/8/2015	97.08	7.61	NP	--	89.47	--
MW-18	9/21/2015	97.08	7.71	NP	--	89.37	--
MW-18	10/5/2015	97.08	--	--	--	--	NG
MW-18	10/12/2015	97.08	--	--	--	--	NG
MW-18	10/19/2015	97.08	8.05	NP	--	89.03	--
MW-18	11/2/2015	97.08	7.77	NP	--	89.31	--
MW-18	11/16/2015	97.08	6.85	NP	--	90.23	--
MW-18	11/30/2015	97.08	6.49	NP	--	90.59	--
MW-18	1/18/2016	97.08	3.97	NP	--	93.11	--
MW-18	2/1/2016	97.08	--	--	--	--	NG
MW-18	2/15/2016	97.08	--	--	--	--	WI
MW-18	3/7/2016	97.08	--	--	--	--	WI
MW-18	3/29/2016	97.08	3.33	NP	--	93.75	--
MW-18	4/5/2016	97.08	3.65	NP	--	93.43	--
MW-18	4/19/2016	97.08	4.31	NP	--	92.77	--
MW-18	5/10/2016	97.08	5.36	5.35	0.01	91.73	--
MW-18	5/24/2016	97.08	5.56	NP	--	91.52	--
MW-18	6/7/2016	97.08	5.90	NP	--	91.18	--
MW-18	6/21/2016	97.08	5.80	NP	--	91.28	--
MW-18	7/19/2016	97.08	6.59	NP	--	90.49	--
MW-18	8/23/2016	97.08	7.45	NP	--	89.63	--
MW-18	9/20/2016	97.08	7.12	NP	--	89.96	--
MW-18	11/8/2016	97.08	5.12	NP	--	91.96	--
MW-18	12/6/2016	97.08	4.18	NP	--	92.90	--
MW-18	3/21/2017	97.08	2.90	NP	--	94.18	--
MW-18	4/27/2017	97.08	4.18	NP	--	92.90	--
MW-18	5/30/2017	97.08	5.08	NP	--	92.00	--
MW-18	6/28/2017	97.08	6.14	NP	--	90.94	--
MW-18	8/3/2017	97.08	7.23	NP	--	89.85	--
MW-18	8/31/2017	97.08	7.86	NP	--	89.22	--
MW-18	9/26/2017	97.08	8.17	NP	--	88.91	--
MW-18	11/29/2017	97.08	5.42	NP	--	91.66	--
MW-18	2/27/2018	97.08	3.24	NP	--	93.84	--
MW-18	6/12/2018	97.08	5.92	NP	--	91.16	--
MW-18	8/29/2018	97.08	7.86	NP	--	89.22	--
MW-18	11/6/2018	97.08	6.80	NP	--	90.28	--
MW-18	3/6/2019	97.08	4.95	NP	--	92.13	--
MW-18	5/28/2019	97.08	6.32	NP	--	90.76	--
MW-18	9/3/2019	97.08	8.10	NP	--	88.98	--
MW-18	11/19/2019	97.08	5.41	NP	--	91.67	--
MW-18	3/3/2020	97.08	2.75	NP	--	94.33	--
MW-18	6/9/2020	97.08	5.25	NP	--	91.83	--
MW-18	8/18/2020	97.08	6.56	NP	--	90.52	--
MW-18	11/4/2020	97.08	5.85	NP	--	91.23	--
MW-18	2/3/2021	97.08	3.35	NP	--	93.73	--
MW-18	5/11/2021	97.08	5.29	NP	--	91.79	--
MW-18	7/28/2021	97.08	7.09	NP	--	89.99	--
MW-18	10/20/2021	97.08	6.21	NP	--	90.87	--

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OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-18	1/18/2022	97.08	--	--	--	--	WS
MW-18	4/19/2022	97.08	4.10	NP	--	92.98	--
MW-18	8/2/2022	97.08	6.37	NP	--	90.71	--
MW-18	10/25/2022	97.08	7.94	NP	--	89.14	--
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	11/9/2014	97.69	2.14	NP	--	95.55	--
MW-19	11/10/2014	97.69	2.91	NP	--	94.78	--
MW-19	11/10/2014	97.69	2.89	NP	--	94.80	--
MW-19	11/10/2014	97.69	2.84	NP	--	94.85	--
MW-19	11/10/2014	97.69	2.84	NP	--	94.85	--
MW-19	11/10/2014	97.69	2.83	NP	--	94.86	--
MW-19	11/11/2014	97.69	3.19	NP	--	94.50	--
MW-19	11/11/2014	97.69	2.91	NP	--	94.78	--
MW-19	11/12/2014	97.69	2.90	NP	--	94.79	--
MW-19	11/13/2014	97.69	3.00	NP	--	94.69	--
MW-19	11/14/2014	97.69	3.30	NP	--	94.39	--
MW-19	11/17/2014	97.69	3.70	NP	--	93.99	--
MW-19	11/18/2014	97.69	3.78	NP	--	93.91	--
MW-19	11/19/2014	97.69	3.83	NP	--	93.86	--
MW-19	12/1/2014	96.50	2.26	NP	--	94.24	--
MW-19	12/8/2014	96.50	2.50	NP	--	94.00	--
MW-19	12/15/2014	96.50	2.03	NP	--	94.47	--
MW-19	12/22/2014	96.50	2.18	NP	--	94.32	--
MW-19	12/29/2014	96.50	1.88	NP	--	94.62	--
MW-19	1/5/2015	96.50	1.00	NP	--	95.50	--
MW-19	1/12/2015	96.50	2.16	NP	--	94.34	--
MW-19	1/15/2015	96.50	2.16	NP	--	94.34	--
MW-19	1/19/2015	96.50	2.04	NP	--	94.46	--
MW-19	1/26/2015	96.50	1.78	NP	--	94.72	--
MW-19	2/2/2015	96.50	2.42	2.39	0.03	94.10	--
MW-19	2/9/2015	96.50	1.67	NP	--	94.83	--
MW-19	2/16/2015	96.50	2.01	NP	--	94.49	--
MW-19	2/23/2015	96.50	2.52	2.49	0.03	94.00	--
MW-19	3/2/2015	96.50	2.37	2.35	0.02	94.15	--
MW-19	3/9/2015	96.50	3.08	NP	--	93.42	--
MW-19	3/16/2015	96.50	2.32	NP	--	94.18	--
MW-19	3/23/2015	96.50	2.01	NP	--	94.49	--
MW-19	3/30/2015	96.50	2.23	NP	--	94.27	--
MW-19	4/6/2015	96.50	3.07	NP	--	93.43	--
MW-19	4/7/2015	96.50	3.25	NP	--	93.25	--
MW-19	4/22/2015	96.50	4.34	NP	--	92.16	--
MW-19	5/4/2015	96.50	4.51	NP	--	91.99	--
MW-19	5/18/2015	96.50	5.05	NP	--	91.45	--
MW-19	6/1/2015	96.50	5.74	NP	--	90.76	--
MW-19	6/15/2015	96.50	6.15	NP	--	90.35	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	6/19/2015	96.50	6.28	NP	--	90.22	--
MW-19	6/29/2015	96.50	6.53	NP	--	89.97	--
MW-19	7/13/2015	96.50	6.83	NP	--	89.67	--
MW-19	7/28/2015	96.50	7.11	NP	--	89.39	--
MW-19	8/10/2015	96.50	7.34	NP	--	89.16	--
MW-19	8/24/2015	96.50	7.52	NP	--	88.98	--
MW-19	9/8/2015	96.50	7.29	NP	--	89.21	--
MW-19	9/21/2015	96.50	7.08	NP	--	89.42	--
MW-19	10/5/2015	96.50	7.12	NP	--	89.38	--
MW-19	10/12/2015	96.50	7.13	NP	--	89.37	--
MW-19	10/19/2015	96.50	7.16	NP	--	89.34	--
MW-19	11/2/2015	96.50	6.53	NP	--	89.97	--
MW-19	11/16/2015	96.50	2.50	NP	--	94.00	--
MW-19	11/30/2015	96.50	3.41	NP	--	93.09	--
MW-19	1/18/2016	96.50	2.55	NP	--	93.95	--
MW-19	2/1/2016	96.50	2.02	NP	--	94.48	--
MW-19	2/15/2016	96.50	1.06	NP	--	95.44	--
MW-19	3/7/2016	96.50	2.60	NP	--	93.90	--
MW-19	3/29/2016	96.50	2.10	NP	--	94.40	--
MW-19	4/5/2016	96.50	2.25	NP	--	94.25	--
MW-19	4/19/2016	96.50	3.32	3.30	0.02	93.20	--
MW-19	5/10/2016	96.50	4.51	NP	--	91.99	--
MW-19	5/24/2016	96.50	5.02	NP	--	91.48	--
MW-19	6/7/2016	96.50	5.34	NP	--	91.16	--
MW-19	6/21/2016	96.50	5.00	NP	--	91.50	--
MW-19	7/19/2016	96.50	6.05	NP	--	90.45	--
MW-19	8/23/2016	96.50	6.90	NP	--	89.60	--
MW-19	9/20/2016	96.50	6.17	NP	--	90.33	--
MW-19	11/8/2016	96.50	2.35	NP	--	94.15	--
MW-19	12/6/2016	96.50	2.08	NP	--	94.42	--
MW-19	3/21/2017	96.50	1.74	NP	--	94.76	--
MW-19	4/27/2017	96.50	--	--	--	--	WI
MW-19	5/30/2017	96.50	4.40	NP	--	92.10	--
MW-19	6/27/2017	96.50	5.74	NP	--	90.76	--
MW-19	8/3/2017	96.50	6.80	NP	--	89.70	--
MW-19	8/31/2017	96.50	7.35	NP	--	89.15	--
MW-19	9/26/2017	96.50	7.66	NP	--	88.84	--
MW-19	11/29/2017	96.50	3.17	NP	--	93.33	--
MW-19	2/27/2018	96.50	2.25	NP	--	94.25	--
MW-19	6/12/2018	96.50	5.63	NP	--	90.87	--
MW-19	8/29/2018	96.50	7.39	NP	--	89.11	--
MW-19	11/6/2018	96.50	5.92	NP	--	90.58	--
MW-19	3/6/2019	96.50	3.68	NP	--	92.82	--
MW-19	5/28/2019	96.50	5.80	NP	--	90.70	--
MW-19	9/3/2019	96.50	7.51	NP	--	88.99	--
MW-19	11/19/2019	96.50	1.22	NP	--	95.28	--
MW-19	3/3/2020	96.50	1.56	NP	--	94.94	--
MW-19	6/9/2020	96.50	4.62	NP	--	91.88	--
MW-19	8/19/2020	96.50	5.95	NP	--	90.55	--
MW-19	11/4/2020	96.50	5.09	NP	--	91.41	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-19	2/3/2021	96.50	1.76	NP	--	94.74	--
MW-19	5/11/2021	96.50	4.96	NP	--	91.54	--
MW-19	7/28/2021	96.50	6.39	NP	--	90.11	--
MW-19	10/20/2021	96.50	5.06	NP	--	91.44	--
MW-19	1/18/2022	96.50	1.53	NP	--	94.97	--
MW-19	4/19/2022	96.50	3.27	NP	--	93.23	--
MW-19	8/2/2022	96.50	5.83	NP	--	90.67	--
MW-19	10/25/2022	96.50	7.67	NP	--	88.83	--
MW-19	2/15/2023	96.50	3.43	NP	--	93.07	--
MW-19	4/18/2023	96.50	3.95	NP	--	92.55	--
MW-19	7/19/2023	96.50	6.41	NP	--	90.09	--
MW-19	11/7/2023	96.50	7.30	NP	--	89.20	--
MW-19	1/24/2024	96.50	1.74	NP	--	94.76	--
MW-19	4/30/2024	96.50	3.69	NP	--	92.81	--
MW-19	8/7/2024	96.50	5.97	NP	--	90.53	--
MW-19	11/12/2024	96.50	2.54	NP	--	93.96	--
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	11/9/2014	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	--
MW-20	2/23/2015	96.66	3.71	NP	--	92.95	--
MW-20	3/2/2015	96.66	3.61	NP	--	93.05	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	8/29/2018	96.66	8.52	NP	--	88.14	--
MW-20	11/6/2018	96.66	6.85	NP	--	89.81	--
MW-20	3/6/2019	96.66	4.83	NP	--	91.83	--
MW-20	5/28/2019	96.66	6.11	NP	--	90.55	--
MW-20	9/3/2019	96.66	8.45	NP	--	88.21	--
MW-20	11/19/2019	96.66	4.51	NP	--	92.15	--
MW-20	3/3/2020	96.66	2.41	NP	--	94.25	--
MW-20	6/9/2020	96.66	5.01	NP	--	91.65	--
MW-20	8/19/2020	96.66	6.73	NP	--	89.93	--
MW-20	11/4/2020	96.66	6.56	NP	--	90.10	--
MW-20	2/3/2021	96.66	2.61	NP	--	94.05	--
MW-20	5/11/2021	96.66	5.29	NP	--	91.37	--
MW-20	7/28/2021	96.66	7.29	NP	--	89.37	--
MW-20	10/20/2021	96.66	7.19	NP	--	89.47	--
MW-20	1/18/2022	96.66	1.97	NP	--	94.69	--
MW-20	4/19/2022	96.66	4.10	NP	--	92.56	--
MW-20	8/2/2022	96.66	6.61	NP	--	90.05	--
MW-20	10/25/2022	96.66	8.50	NP	--	88.16	--
MW-20	2/15/2023	96.66	4.44	NP	--	92.22	--
MW-20	4/18/2023	96.66	4.39	NP	--	92.27	--
MW-20	7/19/2023	96.66	7.19	NP	--	89.47	--
MW-20	11/7/2023	96.66	7.29	NP	--	89.37	--
MW-20	1/24/2024	96.66	3.25	NP	--	93.41	--
MW-20	4/30/2024	96.66	4.42	NP	--	92.24	--
MW-20	8/7/2024	96.66	6.66	NP	--	90.00	--
MW-20	11/12/2024	96.66	4.13	NP	--	92.53	--
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	11/9/2014	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	--	--	--	--	WI
MW-21	11/11/2014	96.96	--	--	--	--	WI
MW-21	11/11/2014	96.96	--	--	--	--	WI
MW-21	11/12/2014	96.96	3.01	NP	--	93.95	--
MW-21	11/13/2014	96.96	3.10	NP	--	93.86	--
MW-21	11/14/2014	96.96	3.24	NP	--	93.72	--
MW-21	11/17/2014	96.96	3.51	NP	--	93.45	--
MW-21	11/18/2014	96.96	3.55	NP	--	93.41	--
MW-21	11/19/2014	96.96	3.60	NP	--	93.36	--
MW-21	12/1/2014	95.65	2.62	NP	--	93.03	--
MW-21	12/8/2014	95.65	2.78	NP	--	92.87	--
MW-21	12/15/2014	95.65	2.24	NP	--	93.41	--
MW-21	12/22/2014	95.65	2.24	NP	--	93.41	--

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Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	12/29/2014	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	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	12/6/2016	95.65	2.03	NP	--	93.62	--
MW-21	3/21/2017	95.65	1.39	NP	--	94.26	--
MW-21	4/27/2017	95.65	2.87	NP	--	92.78	--
MW-21	5/30/2017	95.65	3.70	NP	--	91.95	--
MW-21	6/27/2017	95.65	4.81	NP	--	90.84	--
MW-21	8/3/2017	95.65	5.88	NP	--	89.77	--
MW-21	8/31/2017	95.65	6.50	NP	--	89.15	--
MW-21	9/26/2017	95.65	6.78	NP	--	88.87	--
MW-21	11/29/2017	95.65	3.24	NP	--	92.41	--
MW-21	2/27/2018	95.65	2.03	NP	--	93.62	--
MW-21	6/12/2018	95.65	4.70	NP	--	90.95	--
MW-21	8/29/2018	95.65	6.52	NP	--	89.13	--
MW-21	11/6/2018	95.65	4.96	NP	--	90.69	--
MW-21	3/6/2019	95.65	3.32	NP	--	92.33	--
MW-21	5/28/2019	95.65	4.93	NP	--	90.72	--
MW-21	9/3/2019	95.65	6.63	NP	--	89.02	--
MW-21	11/19/2019	95.65	3.00	NP	--	92.65	--
MW-21	3/3/2020	95.65	1.00	NP	--	94.65	--
MW-21	6/9/2020	95.65	3.74	NP	--	91.91	--
MW-21	8/19/2020	95.65	5.32	NP	--	90.33	--
MW-21	11/4/2020	95.65	4.55	NP	--	91.10	--
MW-21	2/3/2021	95.65	1.10	NP	--	94.55	--
MW-21	5/11/2021	95.65	4.18	NP	--	91.47	--
MW-21	7/28/2021	95.65	6.00	NP	--	89.65	--
MW-21	10/20/2021	95.65	4.92	NP	--	90.73	--
MW-21	1/18/2022	95.65	0.93	NP	--	94.72	--
MW-21	4/19/2022	95.65	2.97	NP	--	92.68	--
MW-21	8/2/2022	95.65	5.12	NP	--	90.53	--
MW-21	10/25/2022	95.65	7.81	NP	--	87.84	--
MW-21	2/15/2023	95.65	3.17	NP	--	92.48	--
MW-21	4/18/2023	95.65	3.44	NP	--	92.21	--
MW-21	7/19/2023	95.65	5.80	NP	--	89.85	--
MW-21	11/7/2023	95.65	5.20	NP	--	90.45	--
MW-21	1/24/2024	95.65	1.61	NP	--	94.04	--
MW-21	4/30/2024	95.65	3.04	NP	--	92.61	--
MW-21	8/7/2024	95.65	6.41	NP	--	89.24	--
MW-21	11/12/2024	95.65	2.51	NP	--	93.14	--
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	11/9/2014	95.93	1.94	NP	--	93.99	--
MW-22	11/10/2014	95.93	2.29	NP	--	93.64	--
MW-22	11/10/2014	95.93	2.34	NP	--	93.59	--
MW-22	11/10/2014	95.93	2.30	NP	--	93.63	--
MW-22	11/10/2014	95.93	2.29	NP	--	93.64	--
MW-22	11/10/2014	95.93	2.34	NP	--	93.59	--
MW-22	11/11/2014	95.93	2.55	NP	--	93.38	--
MW-22	11/11/2014	95.93	2.63	NP	--	93.30	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	11/12/2014	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	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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	--
MW-22	8/29/2018	95.35	6.29	NP	--	89.06	--
MW-22	11/6/2018	95.35	5.66	NP	--	89.69	--
MW-22	3/6/2019	95.35	3.50	NP	--	91.85	--
MW-22	5/28/2019	95.35	5.25	NP	--	90.10	--
MW-22	9/3/2019	95.35	6.50	NP	--	88.85	--
MW-22	11/19/2019	95.35	1.70	NP	--	93.65	--
MW-22	3/3/2020	95.35	2.97	NP	--	92.38	--
MW-22	6/9/2020	95.35	4.54	NP	--	90.81	--
MW-22	8/18/2020	95.35	4.81	NP	--	90.54	--
MW-22	11/4/2020	95.35	4.84	NP	--	90.51	--
MW-22	2/3/2021	95.35	1.14	NP	--	94.21	--
MW-22	5/11/2021	95.35	4.61	NP	--	90.74	--
MW-22	7/28/2021	95.35	4.80	NP	--	90.55	--
MW-22	10/20/2021	95.35	4.68	NP	--	90.67	--
MW-22	1/18/2022	95.35	0.85	NP	--	94.50	--
MW-22	4/19/2022	95.35	2.65	NP	--	92.70	--
MW-22	8/2/2022	95.35	5.24	NP	--	90.11	--
MW-22	10/25/2022	95.35	6.55	NP	--	88.80	--
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	--	--	--	--	WI
MW-23	11/8/2014	95.62	--	--	--	--	WI
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	12/22/2014	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	--
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	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	12/6/2016	94.20	1.21	NP	--	92.99	--
MW-23	3/21/2017	94.20	0.80	NP	--	93.40	--
MW-23	4/27/2017	94.20	2.14	NP	--	92.06	--
MW-23	5/30/2017	94.20	3.07	NP	--	91.13	--
MW-23	6/28/2017	94.20	4.07	NP	--	90.13	--
MW-23	8/3/2017	94.20	5.07	NP	--	89.13	--
MW-23	8/31/2017	94.20	5.66	NP	--	88.54	--
MW-23	9/26/2017	94.20	6.91	NP	--	87.29	--
MW-23	11/29/2017	94.20	1.56	NP	--	92.64	--
MW-23	2/27/2018	94.20	1.25	NP	--	92.95	--
MW-23	6/12/2018	94.20	3.93	NP	--	90.27	--
MW-23	8/29/2018	94.20	5.69	NP	--	88.51	--
MW-23	11/6/2018	94.20	3.16	NP	--	91.04	--
MW-23	3/6/2019	94.20	2.49	NP	--	91.71	--
MW-23	5/28/2019	94.20	4.09	NP	--	90.11	--
MW-23	9/3/2019	94.20	5.79	NP	--	88.41	--
MW-23	11/19/2019	94.20	1.35	NP	--	92.85	--
MW-23	3/3/2020	94.20	0.58	NP	--	93.62	--
MW-23	6/9/2020	94.20	2.76	NP	--	91.44	--
MW-23	8/18/2020	94.20	4.48	NP	--	89.72	--
MW-23	11/4/2020	94.20	2.73	NP	--	91.47	--
MW-23	2/3/2021	94.20	0.94	NP	--	93.26	--
MW-23	5/11/2021	94.20	3.25	NP	--	90.95	--
MW-23	7/28/2021	94.20	5.28	NP	--	88.92	--
MW-23	10/20/2021	94.20	3.68	NP	--	90.52	--
MW-23	1/18/2022	94.20	0.95	NP	--	93.25	--
MW-23	4/19/2022	94.20	1.89	NP	--	92.31	--
MW-23	8/2/2022	94.20	4.38	NP	--	89.82	--
MW-23	10/25/2022	94.20	5.73	NP	--	88.47	--
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	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-24	3/23/2015	96.50	3.80	NP	--	92.70	--
MW-24	3/30/2015	96.50	3.83	NP	--	92.67	--
MW-24	4/6/2015	96.50	4.25	NP	--	92.25	--
MW-24	4/22/2015	96.50	5.10	NP	--	91.40	--
MW-24	5/4/2015	96.50	5.93	NP	--	90.57	--
MW-24	5/18/2015	96.50	5.90	NP	--	90.60	--
MW-24	6/1/2015	96.50	6.53	NP	--	89.97	--
MW-24	6/15/2015	96.50	6.86	NP	--	89.64	--
MW-24	6/19/2015	96.50	6.97	NP	--	89.53	--
MW-24	6/29/2015	96.50	7.34	NP	--	89.16	--
MW-24	7/13/2015	96.50	7.69	NP	--	88.81	--
MW-24	7/28/2015	96.50	7.92	NP	--	88.58	--
MW-24	8/10/2015	96.50	8.22	NP	--	88.28	--
MW-24	8/24/2015	96.50	8.42	NP	--	88.08	--
MW-24	9/8/2015	96.50	7.72	NP	--	88.78	--
MW-24	9/21/2015	96.50	7.80	NP	--	88.70	--
MW-24	10/5/2015	96.50	7.98	NP	--	88.52	--
MW-24	10/12/2015	96.50	7.90	NP	--	88.60	--
MW-24	10/19/2015	96.50	8.14	NP	--	88.36	--
MW-24	11/2/2015	96.50	7.41	NP	--	89.09	--
MW-24	11/16/2015	96.50	5.67	NP	--	90.83	--
MW-24	11/30/2015	96.50	5.75	NP	--	90.75	--
MW-24	1/18/2016	96.50	3.56	NP	--	92.94	--
MW-24	2/1/2016	96.50	4.11	NP	--	92.39	--
MW-24	2/15/2016	96.50	3.82	NP	--	92.68	--
MW-24	3/7/2016	96.50	3.15	NP	--	93.35	--
MW-24	3/29/2016	96.50	3.52	3.50	0.02	93.00	--
MW-24	4/5/2016	96.50	3.28	NP	--	93.22	--
MW-24	4/19/2016	96.50	3.96	3.94	0.02	92.56	--
MW-24	5/10/2016	96.50	5.05	NP	--	91.45	--
MW-24	5/24/2016	96.50	5.44	NP	--	91.06	--
MW-24	6/7/2016	96.50	5.85	NP	--	90.65	--
MW-24	6/21/2016	96.50	5.38	NP	--	91.12	--
MW-24	7/19/2016	96.50	6.57	NP	--	89.93	--
MW-24	8/23/2016	96.50	7.61	NP	--	88.89	--
MW-24	9/20/2016	96.50	6.82	NP	--	89.68	--
MW-24	11/8/2016	96.50	4.22	NP	--	92.28	--
MW-24	12/6/2016	96.50	4.25	NP	--	92.25	--
MW-24	3/21/2017	96.50	4.12	NP	--	92.38	--
MW-24	4/27/2017	96.50	4.35	NP	--	92.15	--
MW-24	5/30/2017	96.50	4.86	NP	--	91.64	--
MW-24	6/28/2017	96.50	6.18	NP	--	90.32	--
MW-24	8/3/2017	96.50	7.38	NP	--	89.12	--
MW-24	8/31/2017	96.50	7.99	NP	--	88.51	--
MW-24	11/29/2017	96.50	4.10	NP	--	92.40	--
MW-24	2/27/2018	96.50	3.38	NP	--	93.12	--
MW-24	6/12/2018	96.50	5.92	NP	--	90.58	--
MW-24	8/29/2018	96.50	7.99	NP	--	88.51	--
MW-24	11/6/2018	96.50	6.18	NP	--	90.32	--
MW-24	3/6/2019	96.50	3.84	NP	--	92.66	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	5/28/2019	96.50	6.11	NP	--	90.39	--
MW-24	9/3/2019	96.50	8.18	NP	--	88.32	--
MW-24	11/19/2019	96.50	3.70	NP	--	92.80	--
MW-24	3/3/2020	96.50	1.87	NP	--	94.63	--
MW-24	6/9/2020	96.50	4.88	NP	--	91.62	--
MW-24	8/18/2020	96.50	6.33	NP	--	90.17	--
MW-24	11/4/2020	96.50	5.00	NP	--	91.50	--
MW-24	2/3/2021	96.50	3.31	NP	--	93.19	--
MW-24	5/11/2021	96.50	5.13	NP	--	91.37	--
MW-24	7/28/2021	96.50	6.81	NP	--	89.69	--
MW-24	10/20/2021	96.50	5.00	NP	--	91.50	--
MW-24	1/18/2022	96.50	2.58	NP	--	93.92	--
MW-24	4/19/2022	96.50	2.97	NP	--	93.53	--
MW-24	8/2/2022	96.50	6.23	NP	--	90.27	--
MW-24	10/25/2022	96.50	7.99	NP	--	88.51	--
MW-25	11/17/2014	--	5.54	NP	--	--	--
MW-25	11/18/2014	--	8.02	NP	--	--	--
MW-25	11/19/2014	--	8.00	NP	--	--	--
MW-25	12/1/2014	97.35	6.40	NP	--	90.95	--
MW-25	12/8/2014	97.35	6.19	NP	--	91.16	--
MW-25	12/15/2014	97.35	5.82	NP	--	91.53	--
MW-25	12/22/2014	97.35	5.62	NP	--	91.73	--
MW-25	12/29/2014	97.35	5.10	NP	--	92.25	--
MW-25	1/5/2015	97.35	4.58	NP	--	92.77	--
MW-25	1/12/2015	97.35	4.33	NP	--	93.02	--
MW-25	1/13/2015	97.35	4.33	NP	--	93.02	--
MW-25	1/19/2015	97.35	4.23	NP	--	93.12	--
MW-25	1/26/2015	97.35	4.03	NP	--	93.32	--
MW-25	2/2/2015	97.35	4.38	NP	--	92.97	--
MW-25	2/9/2015	97.35	4.07	NP	--	93.28	--
MW-25	2/16/2015	97.35	4.06	NP	--	93.29	--
MW-25	2/23/2015	97.35	4.47	NP	--	92.88	--
MW-25	3/2/2015	97.35	4.56	NP	--	92.79	--
MW-25	3/9/2015	97.35	5.94	NP	--	91.41	--
MW-25	3/16/2015	97.35	4.90	NP	--	92.45	--
MW-25	3/23/2015	97.35	4.71	NP	--	92.64	--
MW-25	3/30/2015	97.35	4.68	NP	--	92.67	--
MW-25	4/6/2015	97.35	5.09	NP	--	92.26	--
MW-25	4/22/2015	97.35	5.63	NP	--	91.72	--
MW-25	5/4/2015	97.35	5.82	NP	--	91.53	--
MW-25	5/18/2015	97.35	6.14	NP	--	91.21	--
MW-25	6/1/2015	97.35	6.46	NP	--	90.89	--
MW-25	6/15/2015	97.35	6.85	NP	--	90.50	--
MW-25	6/19/2015	97.35	6.91	NP	--	90.44	--
MW-25	6/29/2015	97.35	7.17	NP	--	90.18	--
MW-25	7/13/2015	97.35	7.53	NP	--	89.82	--
MW-25	7/28/2015	97.35	8.09	NP	--	89.26	--
MW-25	8/10/2015	97.35	8.68	NP	--	88.67	--
MW-25	8/24/2015	97.35	8.89	NP	--	88.46	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-25	9/8/2015	97.35	8.73	NP	--	88.62	--
MW-25	9/21/2015	97.35	8.72	NP	--	88.63	--
MW-25	10/5/2015	97.35	--	--	--	--	NG
MW-25	10/12/2015	97.35	--	--	--	--	NG
MW-25	10/19/2015	97.35	8.83	NP	--	88.52	--
MW-25	11/2/2015	97.35	8.43	NP	--	88.92	--
MW-25	11/16/2015	97.35	7.65	NP	--	89.70	--
MW-25	11/30/2015	97.35	--	--	--	--	NG
MW-25	1/18/2016	97.35	4.92	NP	--	92.43	--
MW-25	2/1/2016	97.35	--	--	--	--	WI
MW-25	2/15/2016	97.35	--	--	--	--	NG
MW-25	3/7/2016	97.35	4.18	NP	--	93.17	--
MW-25	3/29/2016	97.35	4.14	NP	--	93.21	--
MW-25	4/5/2016	97.35	--	--	--	--	NG
MW-25	4/19/2016	97.35	4.85	NP	--	92.50	--
MW-25	5/10/2016	97.35	5.48	NP	--	91.87	--
MW-25	5/24/2016	97.35	5.82	NP	--	91.53	--
MW-25	6/7/2016	97.35	6.10	NP	--	91.25	--
MW-25	6/21/2016	97.35	6.25	NP	--	91.10	--
MW-25	7/19/2016	97.35	6.70	NP	--	90.65	--
MW-25	8/23/2016	97.35	7.53	NP	--	89.82	--
MW-25	9/20/2016	97.35	7.68	NP	--	89.67	--
MW-25	11/8/2016	97.35	7.10	NP	--	90.25	--
MW-25	12/6/2016	97.35	6.21	NP	--	91.14	--
MW-25	3/21/2017	97.35	3.98	NP	--	93.37	--
MW-25	4/27/2017	97.35	4.89	NP	--	92.46	--
MW-25	5/30/2017	97.35	5.63	NP	--	91.72	--
MW-25	6/27/2017	97.35	6.36	NP	--	90.99	--
MW-25	8/3/2017	97.35	7.27	NP	--	90.08	--
MW-25	8/31/2017	97.35	8.16	NP	--	89.19	--
MW-25	9/26/2017	97.35	8.42	NP	--	88.93	--
MW-25	11/29/2017	97.35	7.51	NP	--	89.84	--
MW-25	2/27/2018	97.35	3.96	NP	--	93.39	--
MW-25	6/12/2018	97.35	6.12	NP	--	91.23	--
MW-25	8/29/2018	97.35	8.10	NP	--	89.25	--
MW-25	11/6/2018	97.35	8.16	NP	--	89.19	--
MW-25	3/6/2019	97.35	6.25	NP	--	91.10	--
MW-25	5/28/2019	97.35	6.78	NP	--	90.57	--
MW-25	9/3/2019	97.35	8.42	NP	--	88.93	--
MW-25	11/19/2019	97.35	7.25	NP	--	90.10	--
MW-25	3/3/2020	97.35	3.63	NP	--	93.72	--
MW-25	6/9/2020	97.35	5.84	NP	--	91.51	--
MW-25	8/18/2020	97.35	6.77	NP	--	90.58	--
MW-25	11/4/2020	97.35	7.17	NP	--	90.18	--
MW-25	2/3/2021	97.35	4.50	NP	--	92.85	--
MW-25	5/11/2021	97.35	5.73	NP	--	91.62	--
MW-25	7/28/2021	97.35	7.25	NP	--	90.10	--
MW-25	10/20/2021	97.35	7.94	NP	--	89.41	--
MW-25	1/18/2022	97.35	--	--	--	--	WS
MW-25	4/19/2022	97.35	--	--	--	--	WI

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-25	8/2/2022	97.35	--	--	--	--	WI
MW-27	11/17/2014	--	7.00	NP	--	--	--
MW-27	11/18/2014	--	7.14	NP	--	--	--
MW-27	11/19/2014	--	7.14	NP	--	--	--
MW-27	12/1/2014	96.56	3.43	NP	--	93.13	--
MW-27	12/8/2014	96.56	3.53	NP	--	93.03	--
MW-27	12/15/2014	96.56	3.21	NP	--	93.35	--
MW-27	12/22/2014	96.56	3.16	NP	--	93.40	--
MW-27	12/29/2014	96.56	3.07	NP	--	93.49	--
MW-27	1/5/2015	96.56	2.69	NP	--	93.87	--
MW-27	1/12/2015	96.56	2.74	NP	--	93.82	--
MW-27	1/13/2015	96.56	2.74	NP	--	93.82	--
MW-27	1/19/2015	96.56	2.80	NP	--	93.76	--
MW-27	1/26/2015	96.56	2.47	NP	--	94.09	--
MW-27	2/2/2015	96.56	2.88	NP	--	93.68	--
MW-27	2/9/2015	96.56	2.78	NP	--	93.78	--
MW-27	2/16/2015	96.56	2.70	NP	--	93.86	--
MW-27	2/23/2015	96.56	2.80	NP	--	93.76	--
MW-27	3/2/2015	96.56	3.00	NP	--	93.56	--
MW-27	3/9/2015	96.56	3.11	NP	--	93.45	--
MW-27	3/16/2015	96.56	3.20	NP	--	93.36	--
MW-27	3/23/2015	96.56	3.13	NP	--	93.43	--
MW-27	3/30/2015	96.56	3.14	NP	--	93.42	--
MW-27	4/6/2015	96.56	3.61	NP	--	92.95	--
MW-27	4/22/2015	96.56	4.44	NP	--	92.12	--
MW-27	5/4/2015	96.56	4.79	NP	--	91.77	--
MW-27	5/18/2015	96.56	5.35	NP	--	91.21	--
MW-27	6/1/2015	96.56	6.04	NP	--	90.52	--
MW-27	6/15/2015	96.56	6.43	NP	--	90.13	--
MW-27	6/19/2015	96.56	6.39	NP	--	90.17	--
MW-27	6/29/2015	96.56	6.87	NP	--	89.69	--
MW-27	7/13/2015	96.56	7.29	NP	--	89.27	--
MW-27	7/28/2015	96.56	7.66	NP	--	88.90	--
MW-27	8/10/2015	96.56	7.98	NP	--	88.58	--
MW-27	8/24/2015	96.56	--	--	--	--	NG
MW-27	9/8/2015	96.56	6.97	NP	--	89.59	--
MW-27	9/21/2015	96.56	7.19	NP	--	89.37	--
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
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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-27	8/29/2018	96.56	7.91	7.90	0.01	88.66	--
MW-27	9/21/2018	96.56	7.90	NP	--	88.66	--
MW-27	11/6/2018	96.56	6.23	NP	--	90.33	--
MW-27	11/28/2018	96.56	5.61	NP	--	90.95	--
MW-27	3/6/2019	96.56	4.17	NP	--	92.39	--
MW-27	5/28/2019	96.56	8.65	NP	--	87.91	--
MW-27	9/3/2019	96.56	8.45	NP	--	88.11	--
MW-27	11/19/2019	96.56	3.90	NP	--	92.66	--
MW-27	3/3/2020	96.56	1.10	NP	--	95.46	--
MW-27	6/9/2020	96.56	3.20	NP	--	93.36	--
MW-27	8/18/2020	96.56	6.46	NP	--	90.10	--
MW-27	11/4/2020	96.56	4.44	NP	--	92.12	--
MW-27	2/3/2021	96.56	3.62	NP	--	92.94	--
MW-27	5/11/2021	96.56	4.98	NP	--	91.58	--
MW-27	7/28/2021	96.56	6.86	NP	--	89.70	--
MW-27	10/20/2021	96.56	5.27	NP	--	91.29	--
MW-27	1/18/2022	96.56	--	--	--	--	WS
MW-27	4/19/2022	96.56	3.56	NP	--	93.00	--
MW-27	8/2/2022	96.56	6.18	NP	--	90.38	--
MW-27	10/25/2022	96.56	7.97	NP	--	88.59	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	1/12/2015	96.77	4.02	NP	--	92.75	--
MW-28	1/13/2015	96.77	4.02	NP	--	92.75	--
MW-28	1/19/2015	96.77	4.00	NP	--	92.77	--
MW-28	1/26/2015	96.77	3.91	NP	--	92.86	--
MW-28	2/2/2015	96.77	4.54	NP	--	92.23	--
MW-28	2/9/2015	96.77	3.76	NP	--	93.01	--
MW-28	2/16/2015	96.77	3.96	NP	--	92.81	--
MW-28	3/2/2015	96.77	4.51	NP	--	92.26	--
MW-28	3/9/2015	96.77	4.97	NP	--	91.80	--
MW-28	3/16/2015	96.77	4.60	NP	--	92.17	--
MW-28	3/23/2015	96.77	4.40	NP	--	92.37	--
MW-28	3/30/2015	96.77	4.48	NP	--	92.29	--
MW-28	4/6/2015	96.77	5.00	NP	--	91.77	--
MW-28	4/22/2015	96.77	5.79	NP	--	90.98	--
MW-28	5/4/2015	96.77	6.24	NP	--	90.53	--
MW-28	5/18/2015	96.77	6.65	NP	--	90.12	--
MW-28	6/1/2015	96.77	7.10	NP	--	89.67	--
MW-28	6/15/2015	96.77	7.37	NP	--	89.40	--
MW-28	6/19/2015	96.77	7.38	NP	--	89.39	--
MW-28	7/13/2015	96.77	8.14	NP	--	88.63	--
MW-28	7/28/2015	96.77	8.34	NP	--	88.43	--
MW-28	8/10/2015	96.77	8.69	NP	--	88.08	--
MW-28	8/24/2015	96.77	3.88	NP	--	92.89	--
MW-28	9/8/2015	96.77	8.36	NP	--	88.41	--
MW-28	9/21/2015	96.77	8.31	NP	--	88.46	--
MW-28	10/5/2015	96.77	8.51	NP	--	88.26	--
MW-28	10/12/2015	96.77	--	--	--	--	WI
MW-28	10/19/2015	96.77	8.53	NP	--	88.24	--
MW-28	11/2/2015	96.77	8.18	NP	--	88.59	--
MW-28	11/16/2015	96.77	--	--	--	--	WI
MW-28	11/30/2015	96.77	--	--	--	--	WI
MW-28	1/18/2016	96.77	4.19	4.15	0.04	92.61	NS
MW-28	2/1/2016	96.77	3.51	3.50	0.01	93.27	--
MW-28	2/15/2016	96.77	2.92	NP	--	93.85	--
MW-28	3/7/2016	96.77	3.50	3.41	0.09	93.34	--
MW-28	3/29/2016	96.77	3.65	3.56	0.09	93.19	--
MW-28	4/5/2016	96.77	3.70	NP	--	93.07	--
MW-28	4/19/2016	96.77	4.43	4.42	0.01	92.35	--
MW-28	5/10/2016	96.77	5.41	5.40	0.01	91.37	--
MW-28	5/24/2016	96.77	5.82	NP	--	90.95	--
MW-28	6/7/2016	96.77	6.25	NP	--	90.52	--
MW-28	6/21/2016	96.77	5.92	NP	--	90.85	--
MW-28	7/19/2016	96.77	7.02	NP	--	89.75	--
MW-28	8/23/2016	96.77	--	--	--	--	WI
MW-28	9/20/2016	96.77	7.37	NP	--	89.40	--
MW-28	11/8/2016	96.77	5.07	NP	--	91.70	--
MW-28	12/6/2016	96.77	4.27	4.16	0.11	92.58	--
MW-28	3/21/2017	96.77	2.94	2.86	0.08	93.89	--
MW-28	4/27/2017	96.77	4.35	4.34	0.01	92.43	--
MW-28	5/30/2017	96.77	5.54	5.49	0.05	91.27	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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	90.50	--
MW-28	8/29/2018	96.77	8.59	8.38	0.21	88.34	--
MW-28	9/21/2018	96.77	8.70	8.60	0.10	88.15	--
MW-28	11/6/2018	96.77	7.35	NP	--	89.42	--
MW-28	11/28/2018	96.77	6.80	NP	--	89.97	--
MW-28	3/6/2019	96.77	5.25	NP	--	91.52	--
MW-28	5/28/2019	96.77	7.60	NP	--	89.17	--
MW-28	9/3/2019	96.77	8.93	NP	--	87.84	--
MW-28	11/19/2019	96.77	5.11	NP	--	91.66	--
MW-28	3/3/2020	96.77	3.61	NP	--	93.16	--
MW-28	6/9/2020	96.77	5.38	NP	--	91.39	--
MW-28	8/18/2020	96.77	7.50	NP	--	89.27	--
MW-28	11/4/2020	96.77	6.32	NP	--	90.45	--
MW-28	2/3/2021	96.77	4.26	NP	--	92.51	--
MW-28	5/11/2021	96.77	5.52	NP	--	91.25	--
MW-28	7/28/2021	96.77	7.70	NP	--	89.07	--
MW-28	10/20/2021	96.77	6.37	NP	--	90.40	--
MW-28	1/18/2022	96.77	2.84	NP	--	93.93	--
MW-28	4/19/2022	96.77	4.23	NP	--	92.54	--
MW-28	8/2/2022	96.77	6.60	NP	--	90.17	--
MW-28	10/25/2022	96.77	8.30	NP	--	88.47	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	4/6/2015	97.98	4.58	NP	--	93.40	--
MW-29	4/22/2015	97.98	5.78	NP	--	92.20	--
MW-29	5/4/2015	97.98	6.00	NP	--	91.98	--
MW-29	5/18/2015	97.98	6.50	NP	--	91.48	--
MW-29	6/1/2015	97.98	7.20	NP	--	90.78	--
MW-29	6/15/2015	97.98	7.64	NP	--	90.34	--
MW-29	6/19/2015	97.98	7.81	NP	--	90.17	--
MW-29	6/29/2015	97.98	8.10	NP	--	89.88	--
MW-29	7/13/2015	97.98	8.45	NP	--	89.53	--
MW-29	7/28/2015	97.98	8.77	NP	--	89.21	--
MW-29	8/10/2015	97.98	9.04	NP	--	88.94	--
MW-29	8/24/2015	97.98	9.31	NP	--	88.67	--
MW-29	9/8/2015	97.98	8.60	NP	--	89.38	--
MW-29	9/21/2015	97.98	8.57	NP	--	89.41	--
MW-29	10/5/2015	97.98	8.81	NP	--	89.17	--
MW-29	10/12/2015	97.98	8.97	NP	--	89.01	--
MW-29	10/19/2015	97.98	9.24	NP	--	88.74	--
MW-29	11/2/2015	97.98	8.68	NP	--	89.30	--
MW-29	11/16/2015	97.98	6.62	NP	--	91.36	--
MW-29	11/30/2015	97.98	6.97	NP	--	91.01	--
MW-29	1/18/2016	97.98	2.45	NP	--	95.53	--
MW-29	2/1/2016	96.56	1.80	NP	--	94.76	--
MW-29	2/15/2016	96.56	0.48	NP	--	96.08	--
MW-29	3/7/2016	96.56	2.43	NP	--	94.13	--
MW-29	3/29/2016	96.56	2.02	NP	--	94.54	--
MW-29	4/5/2016	96.56	2.21	NP	--	94.35	--
MW-29	4/19/2016	96.56	3.30	NP	--	93.26	--
MW-29	5/10/2016	96.56	4.54	NP	--	92.02	--
MW-29	5/24/2016	96.56	4.93	NP	--	91.63	--
MW-29	6/7/2016	96.56	5.31	NP	--	91.25	--
MW-29	6/21/2016	96.56	4.85	NP	--	91.71	--
MW-29	7/19/2016	96.56	6.04	NP	--	90.52	--
MW-29	8/23/2016	96.56	7.01	NP	--	89.55	--
MW-29	9/20/2016	96.56	6.28	NP	--	90.28	--
MW-29	11/8/2016	96.56	2.57	NP	--	93.99	--
MW-29	12/6/2016	96.56	2.10	NP	--	94.46	--
MW-29	3/21/2017	96.56	1.43	NP	--	95.13	--
MW-29	4/27/2017	96.56	3.05	NP	--	93.51	--
MW-29	5/30/2017	96.56	--	--	--	--	WI
MW-29	6/28/2017	96.56	5.66	NP	--	90.90	--
MW-29	8/3/2017	96.56	6.85	NP	--	89.71	--
MW-29	8/31/2017	96.56	7.52	NP	--	89.04	--
MW-29	9/26/2017	96.56	7.87	NP	--	88.69	--
MW-29	11/29/2017	96.56	2.82	NP	--	93.74	--
MW-29	2/27/2018	96.56	2.07	NP	--	94.49	--
MW-29	6/12/2018	96.56	5.60	NP	--	90.96	--
MW-29	8/29/2018	96.56	7.61	NP	--	88.95	--
MW-29	11/6/2018	96.56	6.03	NP	--	90.53	--
MW-29	3/6/2019	96.56	3.55	NP	--	93.01	--
MW-29	5/28/2019	96.56	5.80	NP	--	90.76	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	9/3/2019	96.56	7.80	NP	--	88.76	--
MW-29	11/19/2019	96.56	2.70	NP	--	93.86	--
MW-29	3/3/2020	96.56	1.20	NP	--	95.36	--
MW-29	6/9/2020	96.56	4.38	NP	--	92.18	--
MW-29	8/18/2020	96.56	5.86	NP	--	90.70	--
MW-29	11/4/2020	96.56	4.59	NP	--	91.97	--
MW-29	2/3/2021	96.56	1.40	NP	--	95.16	--
MW-29	5/11/2021	96.56	4.86	NP	--	91.70	--
MW-29	7/28/2021	96.56	6.31	NP	--	90.25	--
MW-29	10/20/2021	96.56	4.69	NP	--	91.87	--
MW-29	1/18/2022	96.56	0.70	NP	--	95.86	--
MW-29	4/19/2022	96.56	3.08	NP	--	93.48	--
MW-29	8/2/2022	96.56	5.84	NP	--	90.72	--
MW-29	10/25/2022	96.56	7.78	NP	--	88.78	--
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	--
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	--

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Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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-31	8/29/2018	96.53	7.29	NP	--	89.24	--
MW-31	11/6/2018	96.53	6.45	NP	--	90.08	--
MW-31	3/6/2019	96.53	3.39	NP	--	93.14	--
MW-31	5/28/2019	96.53	5.60	NP	--	90.93	--
MW-31	9/3/2019	96.53	7.44	NP	--	89.09	--
MW-31	11/19/2019	96.53	3.10	NP	--	93.43	--
MW-31	3/3/2020	96.53	1.70	NP	--	94.83	--
MW-31	6/9/2020	96.53	4.45	NP	--	92.08	--
MW-31	8/18/2020	96.53	5.71	NP	--	90.82	--
MW-31	11/4/2020	96.53	4.68	NP	--	91.85	--
MW-31	2/3/2021	96.53	1.51	NP	--	95.02	--
MW-31	5/11/2021	96.53	4.73	NP	--	91.80	--
MW-31	7/28/2021	96.53	6.21	NP	--	90.32	--
MW-31	10/20/2021	96.53	4.60	NP	--	91.93	--
MW-31	1/18/2022	96.53	1.15	NP	--	95.38	--
MW-31	4/19/2022	96.53	3.30	NP	--	93.23	--
MW-31	8/2/2022	96.53	5.64	NP	--	90.89	--
MW-31	10/25/2022	96.53	7.50	NP	--	89.03	--
MW-32	11/17/2014	--	7.20	NP	--	--	--
MW-32	11/18/2014	--	7.38	NP	--	--	--
MW-32	11/19/2014	--	7.23	NP	--	--	--
MW-32	12/1/2014	97.17	5.03	NP	--	92.14	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	8/23/2016	97.17	7.85	NP	--	89.32	--
MW-32	9/20/2016	97.17	7.50	NP	--	89.67	--
MW-32	11/8/2016	97.17	5.80	NP	--	91.37	--
MW-32	12/6/2016	97.17	4.60	NP	--	92.57	--
MW-32	3/21/2017	97.17	3.50	NP	--	93.67	--
MW-32	4/27/2017	97.17	4.48	NP	--	92.69	--
MW-32	5/30/2017	97.17	5.41	NP	--	91.76	--
MW-32	6/27/2017	97.17	6.48	NP	--	90.69	--
MW-32	8/3/2017	97.17	7.57	NP	--	89.60	--
MW-32	8/31/2017	97.17	8.36	NP	--	88.81	--
MW-32	9/26/2017	97.17	8.64	NP	--	88.53	--
MW-32	11/29/2017	97.17	6.02	NP	--	91.15	--
MW-32	2/27/2018	97.17	3.46	NP	--	93.71	--
MW-32	6/12/2018	97.17	6.23	NP	--	90.94	--
MW-32	8/29/2018	97.17	8.36	NP	--	88.81	--
MW-32	11/6/2018	97.17	7.48	NP	--	89.69	--
MW-32	3/6/2019	97.17	5.22	NP	--	91.95	--
MW-32	5/28/2019	97.17	6.50	NP	--	90.67	--
MW-32	9/3/2019	97.17	8.68	NP	--	88.49	--
MW-32	11/19/2019	97.17	6.00	NP	--	91.17	--
MW-32	3/3/2020	97.17	3.00	NP	--	94.17	--
MW-32	6/9/2020	97.17	5.61	NP	--	91.56	--
MW-32	8/18/2020	97.17	6.90	NP	--	90.27	--
MW-32	11/4/2020	97.17	6.34	NP	--	90.83	--
MW-32	2/3/2021	97.17	3.64	NP	--	93.53	--
MW-32	5/11/2021	97.17	5.54	NP	--	91.63	--
MW-32	7/28/2021	97.17	7.45	NP	--	89.72	--
MW-32	10/20/2021	97.17	6.70	NP	--	90.47	--
MW-32	1/18/2022	97.17	2.73	NP	--	94.44	--
MW-32	4/19/2022	97.17	4.25	NP	--	92.92	--
MW-32	8/2/2022	97.17	6.67	NP	--	90.50	--
MW-32	10/25/2022	97.17	8.50	NP	--	88.67	--
MW-34	11/17/2014	--	8.91	NP	--	--	--
MW-34	11/18/2014	--	9.16	8.74	0.42	--	--
MW-34	11/19/2014	--	9.10	8.79	0.31	--	--
MW-34	12/1/2014	97.59	7.47	6.14	1.33	91.12	--
MW-34	12/8/2014	97.59	7.37	6.27	1.10	91.05	--
MW-34	12/15/2014	97.59	7.32	5.70	1.62	91.49	--
MW-34	12/22/2014	97.59	7.53	5.79	1.74	91.37	--
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	92.42	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-34	2/23/2015	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	91.32	--
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	87.36	--
MW-34	8/10/2015	97.59	11.62	10.37	1.25	86.91	--
MW-34	8/24/2015	97.59	11.54	10.49	1.05	86.84	--
MW-34	9/8/2015	97.59	11.62	10.42	1.20	86.87	--
MW-34	9/21/2015	97.59	9.09	9.08	0.01	88.51	--
MW-34	10/5/2015	97.59	--	--	--	--	WI
MW-34	10/12/2015	97.59	10.87	8.91	1.96	88.19	--
MW-34	10/19/2015	97.59	10.86	8.90	1.96	88.20	--
MW-34	11/2/2015	97.59	10.57	8.50	2.07	88.57	--
MW-34	11/16/2015	97.59	10.35	8.22	2.13	88.84	--
MW-34	11/30/2015	97.59	8.96	6.89	2.07	90.18	--
MW-34	1/18/2016	97.59	6.66	5.66	1.00	91.68	NS
MW-34	2/1/2016	97.59	5.00	4.77	0.23	92.76	--
MW-34	2/15/2016	97.59	3.58	3.56	0.02	94.03	--
MW-34	3/7/2016	97.59	6.26	NP	--	91.33	--
MW-34	3/29/2016	97.59	4.95	4.93	0.02	92.66	--
MW-34	4/5/2016	97.59	5.36	NP	--	92.23	--
MW-34	4/19/2016	97.59	6.15	6.08	0.07	91.49	--
MW-34	5/10/2016	97.59	6.86	6.74	0.12	90.82	--
MW-34	5/24/2016	97.59	7.48	7.32	0.16	90.23	--
MW-34	6/7/2016	97.59	7.44	7.37	0.07	90.20	--
MW-34	6/21/2016	97.59	7.23	7.21	0.02	90.38	--
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	90.58	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-34	11/29/2017	97.59	7.15	7.05	0.10	90.52	--
MW-34	2/27/2018	97.59	4.73	NP	--	92.86	--
MW-34	6/12/2018	97.59	6.83	NP	--	90.76	--
MW-34	8/29/2018	97.59	9.03	NP	--	88.56	--
MW-34	9/21/2018	97.59	10.20	10.11	0.09	87.46	--
MW-34	11/6/2018	97.59	9.31	NP	--	88.28	--
MW-34	11/28/2018	97.59	9.11	NP	--	88.48	--
MW-34	3/6/2019	97.59	7.37	NP	--	90.22	--
MW-34	5/28/2019	97.59	8.49	NP	--	89.10	--
MW-34	9/3/2019	97.59	10.41	10.40	0.01	87.19	--
MW-34	11/19/2019	97.59	7.90	NP	--	89.69	--
MW-34	3/3/2020	97.59	4.70	NP	--	92.89	--
MW-34	6/9/2020	97.59	7.61	NP	--	89.98	--
MW-34	8/18/2020	97.59	8.66	NP	--	88.93	--
MW-34	11/4/2020	97.59	8.17	NP	--	89.42	--
MW-34	2/3/2021	97.59	5.10	NP	--	92.49	--
MW-34	5/11/2021	97.59	7.30	NP	--	90.29	--
MW-34	7/28/2021	97.59	9.35	NP	--	88.24	--
MW-34	10/20/2021	97.59	8.63	NP	--	88.96	--
MW-34	1/18/2022	97.59	3.51	NP	--	94.08	--
MW-34	4/19/2022	97.59	6.98	NP	--	90.61	--
MW-34	8/2/2022	97.59	8.54	NP	--	89.05	--
MW-34	10/25/2022	97.59	8.89	NP	--	88.70	--
MW-35	12/22/2014	96.20	2.22	NP	--	93.98	--
MW-35	12/29/2014	96.20	2.46	NP	--	93.74	--
MW-35	1/5/2015	96.20	0.83	NP	--	95.37	--
MW-35	1/12/2015	96.20	1.84	NP	--	94.36	--
MW-35	1/14/2015	96.20	1.84	NP	--	94.36	--
MW-35	1/19/2015	96.20	1.67	NP	--	94.53	--
MW-35	1/26/2015	96.20	1.67	NP	--	94.53	--
MW-35	2/2/2015	96.20	2.34	NP	--	93.86	--
MW-35	2/9/2015	96.20	1.50	NP	--	94.70	--
MW-35	2/16/2015	96.20	1.85	NP	--	94.35	--
MW-35	2/23/2015	96.20	2.45	NP	--	93.75	--
MW-35	3/2/2015	96.20	2.29	NP	--	93.91	--
MW-35	3/9/2015	96.20	3.84	NP	--	92.36	--
MW-35	3/16/2015	96.20	2.08	NP	--	94.12	--
MW-35	3/23/2015	96.20	1.86	NP	--	94.34	--
MW-35	3/30/2015	96.20	2.11	NP	--	94.09	--
MW-35	4/6/2015	96.20	2.85	NP	--	93.35	--
MW-35	4/22/2015	96.20	3.92	NP	--	92.28	--
MW-35	5/4/2015	96.20	4.00	NP	--	92.20	--
MW-35	5/18/2015	96.20	4.61	NP	--	91.59	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	8/10/2015	96.20	7.07	7.06	0.01	89.14	--
MW-35	8/24/2015	96.20	7.35	NP	--	88.85	--
MW-35	9/8/2015	96.20	6.75	NP	--	89.45	--
MW-35	9/21/2015	96.20	6.68	NP	--	89.52	--
MW-35	10/5/2015	96.20	--	--	--	--	NG
MW-35	10/12/2015	96.20	7.00	NP	--	89.20	--
MW-35	10/19/2015	96.20	7.39	NP	--	88.81	--
MW-35	11/2/2015	96.20	--	--	--	--	WI
MW-35	11/16/2015	96.20	--	--	--	--	WI
MW-35	11/30/2015	96.20	--	--	--	--	--
MW-35	1/18/2016	96.20	1.95	NP	--	94.25	--
MW-35	2/1/2016	96.20	1.83	NP	--	94.37	--
MW-35	2/15/2016	96.20	--	--	--	--	NG
MW-35	3/7/2016	96.20	2.17	NP	--	94.03	--
MW-35	3/29/2016	96.20	1.98	NP	--	94.22	--
MW-35	4/5/2016	96.20	2.00	NP	--	94.20	--
MW-35	4/19/2016	96.20	2.45	NP	--	93.75	--
MW-35	5/10/2016	96.20	4.00	NP	--	92.20	--
MW-35	5/24/2016	96.20	4.45	NP	--	91.75	--
MW-35	6/7/2016	96.20	4.80	NP	--	91.40	--
MW-35	6/21/2016	96.20	4.38	NP	--	91.82	--
MW-35	7/19/2016	96.20	5.50	NP	--	90.70	--
MW-35	8/23/2016	96.20	6.49	NP	--	89.71	--
MW-35	9/20/2016	96.20	5.76	NP	--	90.44	--
MW-35	11/8/2016	96.20	2.26	NP	--	93.94	--
MW-35	12/6/2016	96.20	1.78	NP	--	94.42	--
MW-35	3/21/2017	96.20	1.15	NP	--	95.05	--
MW-35	4/27/2017	96.20	2.46	NP	--	93.74	--
MW-35	5/30/2017	96.20	3.60	NP	--	92.60	--
MW-35	6/28/2017	96.20	5.07	NP	--	91.13	--
MW-35	8/3/2017	96.20	6.28	NP	--	89.92	--
MW-35	8/31/2017	96.20	6.92	NP	--	89.28	--
MW-35	9/26/2017	96.20	7.22	NP	--	88.98	--
MW-35	11/29/2017	96.20	3.00	NP	--	93.20	--
MW-35	2/27/2018	96.20	1.84	NP	--	94.36	--
MW-35	6/12/2018	96.20	4.91	NP	--	91.29	--
MW-35	8/29/2018	96.20	6.93	NP	--	89.27	--
MW-35	11/6/2018	96.20	5.73	NP	--	90.47	--
MW-35	3/6/2019	96.20	3.20	NP	--	93.00	--
MW-35	5/28/2019	96.20	5.15	NP	--	91.05	--
MW-35	9/3/2019	96.20	7.10	NP	--	89.10	--
MW-35	11/19/2019	96.20	2.93	NP	--	93.27	--
MW-35	3/3/2020	96.20	1.00	NP	--	95.20	--
MW-35	6/9/2020	96.20	3.90	NP	--	92.30	--
MW-35	8/19/2020	96.20	5.39	NP	--	90.81	--
MW-35	11/4/2020	96.20	4.41	NP	--	91.79	--
MW-35	2/3/2021	96.20	1.31	NP	--	94.89	--
MW-35	5/11/2021	96.20	4.24	NP	--	91.96	--
MW-35	7/28/2021	96.20	5.90	NP	--	90.30	--
MW-35	10/20/2021	96.20	4.63	NP	--	91.57	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	1/18/2022	96.20	1.00	NP	--	95.20	--
MW-35	4/19/2022	96.20	2.80	NP	--	93.40	--
MW-35	8/2/2022	96.20	5.28	NP	--	90.92	--
MW-35	10/25/2022	96.20	7.17	NP	--	89.03	--
MW-35	2/15/2023	96.20	2.78	NP	--	93.42	--
MW-35	4/18/2023	96.20	3.36	NP	--	92.84	--
MW-35	7/19/2023	96.20	5.90	NP	--	90.30	--
MW-35	11/7/2023	96.20	5.10	NP	--	91.10	--
MW-35	1/24/2024	96.20	2.05	NP	--	94.15	--
MW-35	4/30/2024	96.20	3.14	NP	--	93.06	--
MW-35	8/7/2024	96.20	5.50	NP	--	90.70	--
MW-35	11/12/2024	96.20	2.42	NP	--	93.78	--
MW-36	12/22/2014	96.35	2.11	NP	--	94.24	--
MW-36	12/29/2014	96.35	1.78	NP	--	94.57	--
MW-36	1/5/2015	96.35	0.74	NP	--	95.61	--
MW-36	1/12/2015	96.35	1.81	NP	--	94.54	--
MW-36	1/19/2015	96.35	1.68	NP	--	94.67	--
MW-36	1/26/2015	96.35	1.52	NP	--	94.83	--
MW-36	2/2/2015	96.35	2.18	NP	--	94.17	--
MW-36	2/9/2015	96.35	1.42	NP	--	94.93	--
MW-36	2/16/2015	96.35	1.81	NP	--	94.54	--
MW-36	2/23/2015	96.35	2.35	NP	--	94.00	--
MW-36	3/2/2015	96.35	2.24	NP	--	94.11	--
MW-36	3/9/2015	96.35	2.88	NP	--	93.47	--
MW-36	3/16/2015	96.35	2.19	NP	--	94.16	--
MW-36	3/23/2015	96.35	1.85	NP	--	94.50	--
MW-36	3/30/2015	96.35	2.04	NP	--	94.31	--
MW-36	4/6/2015	96.35	2.82	NP	--	93.53	--
MW-36	4/22/2015	96.35	3.93	NP	--	92.42	--
MW-36	5/4/2015	96.35	4.10	NP	--	92.25	--
MW-36	5/18/2015	96.35	4.57	NP	--	91.78	--
MW-36	6/1/2015	96.35	5.24	NP	--	91.11	--
MW-36	6/15/2015	96.35	6.67	NP	--	89.68	--
MW-36	6/19/2015	96.35	5.78	NP	--	90.57	--
MW-36	6/29/2015	96.35	6.10	NP	--	90.25	--
MW-36	7/13/2015	96.35	6.42	NP	--	89.93	--
MW-36	7/28/2015	96.35	6.72	NP	--	89.63	--
MW-36	8/10/2015	96.35	6.94	NP	--	89.41	--
MW-36	8/24/2015	96.35	7.20	NP	--	89.15	--
MW-36	9/8/2015	96.35	6.81	NP	--	89.54	--
MW-36	9/21/2015	96.35	6.62	NP	--	89.73	--
MW-36	10/5/2015	96.35	6.71	NP	--	89.64	--
MW-36	10/12/2015	96.35	6.75	NP	--	89.60	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	2/15/2016	96.35	0.60	NP	--	95.75	--
MW-36	3/7/2016	96.35	2.30	NP	--	94.05	--
MW-36	3/29/2016	96.35	1.79	NP	--	94.56	--
MW-36	4/5/2016	96.35	2.02	NP	--	94.33	--
MW-36	4/19/2016	96.35	2.95	NP	--	93.40	--
MW-36	5/10/2016	96.35	4.12	4.07	0.05	92.27	--
MW-36	5/24/2016	96.35	4.57	4.53	0.04	91.81	--
MW-36	6/7/2016	96.35	4.91	4.84	0.07	91.49	--
MW-36	6/21/2016	96.35	4.45	NP	--	91.90	--
MW-36	7/19/2016	96.35	5.55	NP	--	90.80	--
MW-36	8/23/2016	96.35	6.52	6.46	0.06	89.88	--
MW-36	9/20/2016	96.35	5.81	NP	--	90.54	--
MW-36	11/8/2016	96.35	2.48	NP	--	93.87	--
MW-36	12/6/2016	96.35	1.85	NP	--	94.50	--
MW-36	3/21/2017	96.35	1.70	1.69	0.01	94.66	--
MW-36	4/27/2017	96.35	--	--	--	--	WI
MW-36	5/30/2017	96.35	4.00	3.91	0.09	92.42	--
MW-36	6/28/2017	96.35	5.22	NP	--	91.13	--
MW-36	8/3/2017	96.35	6.37	6.36	0.01	89.99	--
MW-36	8/31/2017	96.35	7.00	6.94	0.06	89.40	--
MW-36	9/26/2017	96.35	7.30	7.23	0.07	89.10	--
MW-36	11/29/2017	96.35	3.23	NP	--	93.12	--
MW-36	2/27/2018	96.35	2.01	NP	--	94.34	--
MW-36	6/12/2018	96.35	5.12	5.04	0.08	91.29	--
MW-36	8/29/2018	96.35	6.92	6.90	0.02	89.45	--
MW-36	9/21/2018	96.35	7.40	7.31	0.09	89.02	--
MW-36	11/6/2018	96.35	6.59	NP	--	89.76	--
MW-36	11/28/2018	96.35	5.14	NP	--	91.21	--
MW-36	3/6/2019	96.35	3.45	NP	--	92.90	--
MW-36	5/28/2019	96.35	5.37	NP	--	90.98	--
MW-36	9/3/2019	96.35	7.11	NP	--	89.24	--
MW-36	11/19/2019	96.35	3.65	NP	--	92.70	--
MW-36	3/3/2020	96.35	1.50	NP	--	94.85	--
MW-36	6/9/2020	96.35	4.24	NP	--	92.11	--
MW-36	8/18/2020	96.35	5.54	NP	--	90.81	--
MW-36	11/4/2020	96.35	4.80	NP	--	91.55	--
MW-36	2/3/2021	96.35	1.71	NP	--	94.64	--
MW-36	5/11/2021	96.35	4.70	NP	--	91.65	--
MW-36	7/28/2021	96.35	6.10	NP	--	90.25	--
MW-36	10/20/2021	96.35	4.59	NP	--	91.76	--
MW-36	1/18/2022	96.35	1.72	NP	--	94.63	--
MW-36	4/19/2022	96.35	3.08	NP	--	93.27	--
MW-36	8/2/2022	96.35	5.48	NP	--	90.87	--
MW-36	10/25/2022	96.35	7.23	NP	--	89.12	--
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	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	12/15/2014	97.68	6.27	NP	--	91.41	--
MW-37	12/22/2014	97.68	5.81	NP	--	91.87	--
MW-37	12/29/2014	97.68	6.02	NP	--	91.66	--
MW-37	1/5/2015	97.68	5.07	NP	--	92.61	--
MW-37	1/12/2015	97.68	5.76	NP	--	91.92	--
MW-37	1/13/2015	97.68	5.76	NP	--	91.92	--
MW-37	1/19/2015	97.68	5.78	NP	--	91.90	--
MW-37	1/26/2015	97.68	5.73	NP	--	91.95	--
MW-37	2/2/2015	97.68	6.23	NP	--	91.45	--
MW-37	2/9/2015	97.68	5.74	NP	--	91.94	--
MW-37	2/16/2015	97.68	5.90	NP	--	91.78	--
MW-37	2/23/2015	97.68	6.27	NP	--	91.41	--
MW-37	3/2/2015	97.68	6.35	NP	--	91.33	--
MW-37	3/9/2015	97.68	6.71	NP	--	90.97	--
MW-37	3/16/2015	97.68	6.42	NP	--	91.26	--
MW-37	3/23/2015	97.68	6.32	NP	--	91.36	--
MW-37	3/30/2015	97.68	6.42	NP	--	91.26	--
MW-37	4/6/2015	97.68	6.81	NP	--	90.87	--
MW-37	4/22/2015	97.68	7.31	NP	--	90.37	--
MW-37	5/4/2015	97.68	7.68	NP	--	90.00	--
MW-37	5/18/2015	97.68	7.90	NP	--	89.78	--
MW-37	6/1/2015	97.68	8.08	NP	--	89.60	--
MW-37	6/15/2015	97.68	8.21	NP	--	89.47	--
MW-37	6/19/2015	97.68	8.24	NP	--	89.44	--
MW-37	6/29/2015	97.68	8.60	NP	--	89.08	--
MW-37	7/13/2015	97.68	8.86	NP	--	88.82	--
MW-37	7/28/2015	97.68	9.01	NP	--	88.67	--
MW-37	8/10/2015	97.68	9.41	NP	--	88.27	--
MW-37	8/24/2015	97.68	9.54	NP	--	88.14	--
MW-37	9/8/2015	97.68	9.31	NP	--	88.37	--
MW-37	9/21/2015	97.68	9.24	NP	--	88.44	--
MW-37	10/5/2015	97.68	9.26	NP	--	88.42	--
MW-37	10/12/2015	97.68	9.20	NP	--	88.48	--
MW-37	10/19/2015	97.68	9.25	NP	--	88.43	--
MW-37	11/2/2015	97.68	8.80	NP	--	88.88	--
MW-37	11/16/2015	97.68	7.63	NP	--	90.05	--
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	--

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OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-37	9/20/2016	97.68	8.35	NP	--	89.33	--
MW-37	11/8/2016	97.68	7.80	NP	--	89.88	--
MW-37	12/6/2016	97.68	6.94	NP	--	90.74	--
MW-37	3/21/2017	97.68	5.87	NP	--	91.81	--
MW-37	4/27/2017	97.68	6.75	NP	--	90.93	--
MW-37	5/30/2017	97.68	7.58	NP	--	90.10	--
MW-37	6/28/2017	97.68	8.19	NP	--	89.49	--
MW-37	8/3/2017	97.68	8.83	NP	--	88.85	--
MW-37	8/31/2017	97.68	9.24	NP	--	88.44	--
MW-37	11/29/2017	97.68	7.96	NP	--	89.72	--
MW-37	6/12/2018	97.68	7.83	NP	--	89.85	--
MW-37	8/29/2018	97.68	9.20	NP	--	88.48	--
MW-37	11/6/2018	97.68	7.64	NP	--	90.04	--
MW-37	3/6/2019	97.68	7.43	NP	--	90.25	--
MW-37	5/28/2019	97.68	7.95	NP	--	89.73	--
MW-37	9/3/2019	97.68	9.55	NP	--	88.13	--
MW-37	11/19/2019	97.68	7.74	NP	--	89.94	--
MW-37	3/3/2020	97.68	5.32	NP	--	92.36	--
MW-37	6/9/2020	97.68	7.12	NP	--	90.56	--
MW-37	8/18/2020	97.68	8.29	NP	--	89.39	--
MW-37	11/4/2020	97.68	7.92	NP	--	89.76	--
MW-37	2/3/2021	97.68	5.29	NP	--	92.39	--
MW-37	5/11/2021	97.68	7.29	NP	--	90.39	--
MW-37	7/28/2021	97.68	8.82	NP	--	88.86	--
MW-37	10/20/2021	97.68	8.63	NP	--	89.05	--
MW-37	1/18/2022	97.68	4.55	NP	--	93.13	--
MW-37	4/19/2022	97.68	6.40	NP	--	91.28	--
MW-37	8/2/2022	97.68	8.12	NP	--	89.56	--
MW-37	10/25/2022	97.68	9.10	NP	--	88.58	--
MW-38	11/17/2014	--	7.93	NP	--	--	--
MW-38	11/18/2014	--	7.96	NP	--	--	--
MW-38	11/19/2014	--	7.95	NP	--	--	--
MW-38	12/1/2014	97.39	6.47	NP	--	90.92	--
MW-38	12/8/2014	97.39	6.24	NP	--	91.15	--
MW-38	12/15/2014	97.39	5.91	NP	--	91.48	--
MW-38	12/22/2014	97.39	5.66	NP	--	91.73	--
MW-38	12/29/2014	97.39	5.13	NP	--	92.26	--
MW-38	1/5/2015	97.39	4.59	NP	--	92.80	--
MW-38	1/12/2015	97.39	4.35	NP	--	93.04	--
MW-38	1/13/2015	97.39	4.35	NP	--	93.04	--
MW-38	1/19/2015	97.39	4.25	NP	--	93.14	--
MW-38	1/26/2015	97.39	4.07	NP	--	93.32	--
MW-38	2/2/2015	97.39	4.44	NP	--	92.95	--
MW-38	2/9/2015	97.39	4.12	NP	--	93.27	--
MW-38	2/16/2015	97.39	4.11	NP	--	93.28	--
MW-38	2/23/2015	97.39	4.53	NP	--	92.86	--
MW-38	3/2/2015	97.39	4.65	NP	--	92.74	--
MW-38	3/9/2015	97.39	4.98	NP	--	92.41	--
MW-38	3/16/2015	97.39	4.92	NP	--	92.47	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	3/23/2015	97.39	4.76	NP	--	92.63	--
MW-38	3/30/2015	97.39	4.76	NP	--	92.63	--
MW-38	4/6/2015	97.39	5.13	NP	--	92.26	--
MW-38	4/22/2015	97.39	5.66	NP	--	91.73	--
MW-38	5/4/2015	97.39	5.88	NP	--	91.51	--
MW-38	5/18/2015	97.39	6.19	NP	--	91.20	--
MW-38	6/1/2015	97.39	6.52	NP	--	90.87	--
MW-38	6/15/2015	97.39	6.82	NP	--	90.57	--
MW-38	6/19/2015	97.39	6.90	NP	--	90.49	--
MW-38	6/29/2015	97.39	7.15	NP	--	90.24	--
MW-38	7/13/2015	97.39	7.41	NP	--	89.98	--
MW-38	8/10/2015	97.39	8.14	NP	--	89.25	--
MW-38	8/24/2015	97.39	8.45	NP	--	88.94	--
MW-38	9/8/2015	97.39	8.45	NP	--	88.94	--
MW-38	9/21/2015	97.39	8.53	NP	--	88.86	--
MW-38	10/5/2015	97.39	8.63	NP	--	88.76	--
MW-38	10/12/2015	97.39	8.65	NP	--	88.74	--
MW-38	10/19/2015	97.39	8.68	NP	--	88.71	--
MW-38	11/2/2015	97.39	8.45	NP	--	88.94	--
MW-38	11/16/2015	97.39	7.73	NP	--	89.66	--
MW-38	11/30/2015	97.39	7.28	NP	--	90.11	--
MW-38	1/18/2016	97.39	4.98	NP	--	92.41	--
MW-38	2/1/2016	97.39	4.40	NP	--	92.99	--
MW-38	2/15/2016	97.39	3.80	NP	--	93.59	--
MW-38	3/7/2016	97.39	4.22	NP	--	93.17	--
MW-38	3/29/2016	97.39	4.23	NP	--	93.16	--
MW-38	4/5/2016	97.39	--	--	--	--	NG
MW-38	4/19/2016	97.39	4.93	NP	--	92.46	--
MW-38	5/10/2016	97.39	5.56	NP	--	91.83	--
MW-38	5/24/2016	97.39	5.87	NP	--	91.52	--
MW-38	6/7/2016	97.39	6.15	NP	--	91.24	--
MW-38	6/21/2016	97.39	6.32	NP	--	91.07	--
MW-38	7/19/2016	97.39	6.74	NP	--	90.65	--
MW-38	8/23/2016	97.39	7.43	NP	--	89.96	--
MW-38	9/20/2016	97.39	7.61	NP	--	89.78	--
MW-38	11/8/2016	97.39	7.14	NP	--	90.25	--
MW-38	12/6/2016	97.39	6.30	NP	--	91.09	--
MW-38	3/21/2017	97.39	4.05	NP	--	93.34	--
MW-38	4/27/2017	97.39	4.91	NP	--	92.48	--
MW-38	5/30/2017	97.39	5.69	NP	--	91.70	--
MW-38	6/27/2017	97.39	6.40	NP	--	90.99	--
MW-38	8/3/2017	97.39	7.23	NP	--	90.16	--
MW-38	8/31/2017	97.39	7.87	NP	--	89.52	--
MW-38	9/26/2017	97.39	8.20	NP	--	89.19	--
MW-38	11/29/2017	97.39	7.51	NP	--	89.88	--
MW-38	2/27/2018	97.39	4.01	NP	--	93.38	--
MW-38	6/12/2018	97.39	6.18	NP	--	91.21	--
MW-38	8/29/2018	97.39	7.89	NP	--	89.50	--
MW-38	11/6/2018	97.39	8.06	NP	--	89.33	--
MW-38	3/6/2019	97.39	6.38	NP	--	91.01	--

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OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-38	5/28/2019	97.39	6.78	NP	--	90.61	--
MW-38	9/3/2019	97.39	8.20	NP	--	89.19	--
MW-38	11/19/2019	97.39	7.34	NP	--	90.05	--
MW-38	3/3/2020	97.39	3.66	NP	--	93.73	--
MW-38	6/9/2020	97.39	5.91	NP	--	91.48	--
MW-38	8/18/2020	97.39	6.75	NP	--	90.64	--
MW-38	11/4/2020	97.39	7.25	NP	--	90.14	--
MW-38	2/3/2021	97.39	4.57	NP	--	92.82	--
MW-38	5/11/2021	97.39	5.82	NP	--	91.57	--
MW-38	7/28/2021	97.39	7.28	NP	--	90.11	--
MW-38	10/20/2021	97.39	7.85	NP	--	89.54	--
MW-38	1/18/2022	97.39	--	--	--	--	WS
MW-38	4/19/2022	97.39	4.88	NP	--	92.51	--
MW-38	8/2/2022	97.39	6.56	NP	--	90.83	--
MW-38	10/25/2022	97.39	8.10	NP	--	89.29	--
MW-39	11/17/2014	--	8.36	NP	--	--	--
MW-39	11/18/2014	--	8.38	NP	--	--	--
MW-39	11/19/2014	--	8.35	NP	--	--	--
MW-39	12/1/2014	97.54	6.71	NP	--	90.83	--
MW-39	12/8/2014	97.54	6.50	NP	--	91.04	--
MW-39	12/15/2014	97.54	6.11	NP	--	91.43	--
MW-39	12/22/2014	97.54	6.39	NP	--	91.15	--
MW-39	12/29/2014	97.54	5.27	NP	--	92.27	--
MW-39	1/5/2015	97.54	4.00	NP	--	93.54	--
MW-39	1/12/2015	97.54	4.48	NP	--	93.06	--
MW-39	1/13/2015	97.54	4.48	NP	--	93.06	--
MW-39	1/19/2015	97.54	4.22	NP	--	93.32	--
MW-39	1/26/2015	97.54	4.17	NP	--	93.37	--
MW-39	2/2/2015	97.54	4.68	NP	--	92.86	--
MW-39	2/9/2015	97.54	4.21	NP	--	93.33	--
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	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-39	9/8/2015	97.54	8.46	NP	--	89.08	--
MW-39	9/21/2015	97.54	8.56	NP	--	88.98	--
MW-39	10/5/2015	97.54	8.81	NP	--	88.73	--
MW-39	10/12/2015	97.54	8.80	NP	--	88.74	--
MW-39	10/19/2015	97.54	8.84	NP	--	88.70	--
MW-39	11/2/2015	97.54	8.51	NP	--	89.03	--
MW-39	11/16/2015	97.54	7.82	NP	--	89.72	--
MW-39	11/30/2015	97.54	7.46	NP	--	90.08	--
MW-39	1/18/2016	97.54	5.24	NP	--	92.30	--
MW-39	2/1/2016	97.54	4.65	NP	--	92.89	--
MW-39	2/15/2016	97.54	3.12	NP	--	94.42	--
MW-39	3/7/2016	97.54	4.24	NP	--	93.30	--
MW-39	3/29/2016	97.54	4.23	NP	--	93.31	--
MW-39	4/5/2016	97.54	--	--	--	--	NG
MW-39	4/19/2016	97.54	5.16	NP	--	92.38	--
MW-39	5/10/2016	97.54	5.80	NP	--	91.74	--
MW-39	5/24/2016	97.54	6.16	NP	--	91.38	--
MW-39	6/7/2016	97.54	6.45	NP	--	91.09	--
MW-39	6/21/2016	97.54	6.63	NP	--	90.91	--
MW-39	7/19/2016	97.54	7.01	NP	--	90.53	--
MW-39	8/23/2016	97.54	7.75	NP	--	89.79	--
MW-39	9/20/2016	97.54	7.92	NP	--	89.62	--
MW-39	11/8/2016	97.54	7.43	NP	--	90.11	--
MW-39	12/6/2016	97.54	6.65	NP	--	90.89	--
MW-39	3/21/2017	97.54	4.34	NP	--	93.20	--
MW-39	4/27/2017	97.54	5.27	NP	--	92.27	--
MW-39	5/30/2017	97.54	6.00	NP	--	91.54	--
MW-39	6/28/2017	97.54	6.76	NP	--	90.78	--
MW-39	8/3/2017	97.54	7.59	NP	--	89.95	--
MW-39	8/31/2017	97.54	8.28	NP	--	89.26	--
MW-39	11/29/2017	97.54	7.74	NP	--	89.80	--
MW-39	2/27/2018	97.54	4.23	NP	--	93.31	--
MW-39	6/12/2018	97.54	6.58	NP	--	90.96	--
MW-39	8/29/2018	97.54	8.26	NP	--	89.28	--
MW-39	11/6/2018	97.54	8.32	NP	--	89.22	--
MW-39	3/6/2019	97.54	6.68	NP	--	90.86	--
MW-39	5/28/2019	97.54	7.11	NP	--	90.43	--
MW-39	9/3/2019	97.54	8.72	NP	--	88.82	--
MW-39	11/19/2019	97.54	7.49	NP	--	90.05	--
MW-39	3/3/2020	97.54	4.05	NP	--	93.49	--
MW-39	6/9/2020	97.54	6.24	NP	--	91.30	--
MW-39	8/19/2020	97.54	7.14	NP	--	90.40	--
MW-39	11/4/2020	97.54	7.55	NP	--	89.99	--
MW-39	2/3/2021	97.54	4.80	NP	--	92.74	--
MW-39	5/11/2021	97.54	6.15	NP	--	91.39	--
MW-39	7/28/2021	97.54	8.70	NP	--	88.84	--
MW-39	10/20/2021	97.54	8.27	NP	--	89.27	--
MW-39	1/18/2022	97.54	3.40	NP	--	94.14	--
MW-39	4/19/2022	97.54	5.15	NP	--	92.39	--
MW-39	8/2/2022	97.54	6.93	NP	--	90.61	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	10/25/2022	97.54	8.60	NP	--	88.94	--
MW-39	2/15/2023	97.54	6.21	NP	--	91.33	--
MW-39	4/18/2023	97.54	6.02	NP	--	91.52	--
MW-39	7/19/2023	97.54	7.66	NP	--	89.88	--
MW-39	11/7/2023	97.54	8.67	NP	--	88.87	--
MW-39	1/24/2024	97.54	7.02	NP	--	90.52	--
MW-39	4/30/2024	97.54	6.29	NP	--	91.25	--
MW-39	8/7/2024	97.54	7.68	NP	--	89.86	--
MW-39	11/12/2024	97.54	7.39	NP	--	90.15	--
MW-40	11/18/2014	--	7.72	NP	--	--	--
MW-40	11/19/2014	--	7.75	NP	--	--	--
MW-40	12/1/2014	97.98	5.99	NP	--	91.99	--
MW-40	12/8/2014	97.98	5.97	NP	--	92.01	--
MW-40	12/15/2014	97.98	5.52	NP	--	92.46	--
MW-40	12/22/2014	97.98	5.44	NP	--	92.54	--
MW-40	12/29/2014	97.98	5.03	NP	--	92.95	--
MW-40	1/5/2015	97.98	4.83	NP	--	93.15	--
MW-40	1/12/2015	97.98	4.58	NP	--	93.40	--
MW-40	1/19/2015	97.98	4.70	NP	--	93.28	--
MW-40	1/26/2015	97.98	4.38	NP	--	93.60	--
MW-40	2/2/2015	97.98	4.85	NP	--	93.13	--
MW-40	2/9/2015	97.98	4.29	NP	--	93.69	--
MW-40	2/16/2015	97.98	4.49	NP	--	93.49	--
MW-40	2/23/2015	97.98	4.90	NP	--	93.08	--
MW-40	3/2/2015	97.98	5.01	NP	--	92.97	--
MW-40	3/9/2015	97.98	5.54	NP	--	92.44	--
MW-40	3/16/2015	97.98	5.42	NP	--	92.56	--
MW-40	3/23/2015	97.98	5.03	NP	--	92.95	--
MW-40	3/30/2015	97.98	5.06	NP	--	92.92	--
MW-40	4/6/2015	97.98	5.46	NP	--	92.52	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	1/18/2016	97.98	5.19	NP	--	92.79	--
MW-40	2/1/2016	97.98	4.54	NP	--	93.44	--
MW-40	2/15/2016	97.98	4.33	NP	--	93.65	--
MW-40	3/7/2016	97.98	4.54	NP	--	93.44	--
MW-40	3/29/2016	97.98	4.59	NP	--	93.39	--
MW-40	4/5/2016	97.98	--	--	--	--	NG
MW-40	4/19/2016	97.98	5.28	NP	--	92.70	--
MW-40	5/10/2016	97.98	5.90	NP	--	92.08	--
MW-40	5/24/2016	97.98	6.37	NP	--	91.61	--
MW-40	6/7/2016	97.98	6.68	NP	--	91.30	--
MW-40	6/21/2016	97.98	6.76	NP	--	91.22	--
MW-40	7/19/2016	97.98	7.19	NP	--	90.79	--
MW-40	8/23/2016	97.98	7.80	NP	--	90.18	--
MW-40	9/20/2016	97.98	7.89	NP	--	90.09	--
MW-40	11/8/2016	97.98	6.77	NP	--	91.21	--
MW-40	12/6/2016	97.98	5.59	NP	--	92.39	--
MW-40	3/21/2017	97.98	4.32	NP	--	93.66	--
MW-40	4/27/2017	97.98	5.29	NP	--	92.69	--
MW-40	5/30/2017	97.98	6.05	NP	--	91.93	--
MW-40	6/28/2017	97.98	6.92	NP	--	91.06	--
MW-40	8/3/2017	97.98	7.65	NP	--	90.33	--
MW-40	8/31/2017	97.98	8.18	NP	--	89.80	--
MW-40	11/29/2017	97.98	7.40	NP	--	90.58	--
MW-40	2/27/2018	97.98	4.32	NP	--	93.66	--
MW-40	6/12/2018	97.98	6.73	NP	--	91.25	--
MW-40	8/29/2018	97.98	8.21	NP	--	89.77	--
MW-40	11/6/2018	97.98	8.55	NP	--	89.43	--
MW-40	3/6/2019	97.98	6.30	NP	--	91.68	--
MW-40	5/28/2019	97.98	7.19	NP	--	90.79	--
MW-40	9/3/2019	97.98	8.54	NP	--	89.44	--
MW-40	11/19/2019	97.98	7.16	NP	--	90.82	--
MW-40	3/3/2020	97.98	4.28	NP	--	93.70	--
MW-40	6/9/2020	97.98	6.37	NP	--	91.61	--
MW-40	8/18/2020	97.98	7.30	NP	--	90.68	--
MW-40	11/4/2020	97.98	7.60	NP	--	90.38	--
MW-40	2/3/2021	97.98	4.76	NP	--	93.22	--
MW-40	5/11/2021	97.98	6.39	NP	--	91.59	--
MW-40	7/28/2021	97.98	7.85	NP	--	90.13	--
MW-40	10/20/2021	97.98	8.27	NP	--	89.71	--
MW-40	1/18/2022	97.98	3.80	NP	--	94.18	--
MW-40	4/19/2022	97.98	6.23	NP	--	91.75	--
MW-40	8/2/2022	97.98	7.11	NP	--	90.87	--
MW-40	10/25/2022	97.98	8.59	NP	--	89.39	--
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	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	12/29/2014	98.28	3.01	NP	--	95.27	--
MW-41	1/5/2015	98.28	2.35	NP	--	95.93	--
MW-41	1/12/2015	98.28	3.28	NP	--	95.00	--
MW-41	1/19/2015	98.28	3.01	NP	--	95.27	--
MW-41	1/26/2015	98.28	2.84	NP	--	95.44	--
MW-41	2/2/2015	98.28	3.73	NP	--	94.55	--
MW-41	2/9/2015	98.28	2.71	NP	--	95.57	--
MW-41	2/16/2015	98.28	3.25	NP	--	95.03	--
MW-41	2/23/2015	98.28	3.84	NP	--	94.44	--
MW-41	3/2/2015	98.28	4.65	NP	--	93.63	--
MW-41	3/9/2015	98.28	4.55	NP	--	93.73	--
MW-41	3/16/2015	98.28	3.11	NP	--	95.17	--
MW-41	3/23/2015	98.28	3.31	NP	--	94.97	--
MW-41	3/30/2015	98.28	3.78	NP	--	94.50	--
MW-41	4/6/2015	98.28	4.74	NP	--	93.54	--
MW-41	4/22/2015	98.28	6.22	NP	--	92.06	--
MW-41	5/4/2015	98.28	6.54	NP	--	91.74	--
MW-41	5/18/2015	98.28	7.09	NP	--	91.19	--
MW-41	6/1/2015	98.28	7.81	NP	--	90.47	--
MW-41	6/15/2015	98.28	8.28	NP	--	90.00	--
MW-41	6/19/2015	98.28	8.45	NP	--	89.83	--
MW-41	6/29/2015	98.28	8.80	NP	--	89.48	--
MW-41	7/13/2015	98.28	9.16	NP	--	89.12	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-41	3/21/2017	98.28	2.82	NP	--	95.46	--
MW-41	4/27/2017	98.28	4.61	NP	--	93.67	--
MW-41	5/30/2017	98.28	6.50	NP	--	91.78	--
MW-41	6/28/2017	98.28	7.86	NP	--	90.42	--
MW-41	8/3/2017	98.28	9.00	NP	--	89.28	--
MW-41	8/31/2017	98.28	9.64	NP	--	88.64	--
MW-41	9/26/2017	98.28	9.85	NP	--	88.43	--
MW-41	11/29/2017	98.28	3.66	NP	--	94.62	--
MW-41	2/27/2018	98.28	3.26	NP	--	95.02	--
MW-41	6/12/2018	98.28	7.72	NP	--	90.56	--
MW-41	8/29/2018	98.28	9.75	NP	--	88.53	--
MW-41	11/6/2018	98.28	7.65	NP	--	90.63	--
MW-41	3/6/2019	98.28	5.10	NP	--	93.18	--
MW-41	5/28/2019	98.28	7.85	NP	--	90.43	--
MW-41	9/3/2019	98.28	10.03	NP	--	88.25	--
MW-41	11/19/2019	98.28	4.00	NP	--	94.28	--
MW-41	3/3/2020	98.28	2.43	NP	--	95.85	--
MW-41	6/9/2020	98.28	6.81	NP	--	91.47	--
MW-41	8/18/2020	98.28	7.90	NP	--	90.38	--
MW-41	11/4/2020	98.28	5.91	NP	--	92.37	--
MW-41	2/3/2021	98.28	2.47	NP	--	95.81	--
MW-41	5/11/2021	98.28	6.90	NP	--	91.38	--
MW-41	7/28/2021	98.28	8.26	NP	--	90.02	--
MW-41	10/20/2021	98.28	6.14	NP	--	92.14	--
MW-41	1/18/2022	98.28	2.45	NP	--	95.83	--
MW-41	4/19/2022	98.28	4.64	NP	--	93.64	--
MW-41	8/2/2022	98.28	8.03	NP	--	90.25	--
MW-41	10/25/2022	98.28	9.88	NP	--	88.40	--
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	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	4/22/2015	97.88	5.57	NP	--	92.31	--
MW-42	5/4/2015	97.88	5.85	NP	--	92.03	--
MW-42	5/18/2015	97.88	6.35	NP	--	91.53	--
MW-42	6/1/2015	97.88	7.08	NP	--	90.80	--
MW-42	6/15/2015	97.88	7.54	NP	--	90.34	--
MW-42	6/19/2015	97.88	7.72	NP	--	90.16	--
MW-42	6/29/2015	97.88	8.00	NP	--	89.88	--
MW-42	7/13/2015	97.88	8.31	NP	--	89.57	--
MW-42	7/28/2015	97.88	8.69	NP	--	89.19	--
MW-42	8/10/2015	97.88	8.98	NP	--	88.90	--
MW-42	8/24/2015	97.88	9.23	NP	--	88.65	--
MW-42	9/8/2015	97.88	8.60	NP	--	89.28	--
MW-42	9/21/2015	97.88	8.55	NP	--	89.33	--
MW-42	10/5/2015	97.88	8.72	NP	--	89.16	--
MW-42	10/12/2015	97.88	8.47	NP	--	89.41	--
MW-42	10/19/2015	97.88	8.97	NP	--	88.91	--
MW-42	11/2/2015	97.88	7.99	NP	--	89.89	--
MW-42	11/16/2015	97.88	4.82	NP	--	93.06	--
MW-42	11/30/2015	97.88	5.94	NP	--	91.94	--
MW-42	1/18/2016	97.88	3.37	NP	--	94.51	--
MW-42	2/1/2016	97.88	2.82	NP	--	95.06	--
MW-42	2/15/2016	97.88	2.08	NP	--	95.80	--
MW-42	3/7/2016	97.88	3.41	NP	--	94.47	--
MW-42	3/29/2016	97.88	3.09	NP	--	94.79	--
MW-42	4/5/2016	97.88	3.22	NP	--	94.66	--
MW-42	4/19/2016	97.88	4.51	NP	--	93.37	--
MW-42	5/10/2016	97.88	5.94	NP	--	91.94	--
MW-42	5/24/2016	97.88	6.25	NP	--	91.63	--
MW-42	6/7/2016	97.88	6.68	NP	--	91.20	--
MW-42	6/21/2016	97.88	6.21	NP	--	91.67	--
MW-42	7/19/2016	97.88	7.42	NP	--	90.46	--
MW-42	8/23/2016	97.88	8.38	NP	--	89.50	--
MW-42	9/20/2016	97.88	7.56	NP	--	90.32	--
MW-42	11/8/2016	97.88	3.50	NP	--	94.38	--
MW-42	12/6/2016	97.88	3.18	NP	--	94.70	--
MW-42	3/21/2017	97.88	2.60	NP	--	95.28	--
MW-42	4/27/2017	97.88	4.15	NP	--	93.73	--
MW-42	5/30/2017	97.88	5.78	NP	--	92.10	--
MW-42	6/28/2017	97.88	7.03	NP	--	90.85	--
MW-42	8/3/2017	97.88	8.24	NP	--	89.64	--
MW-42	8/31/2017	97.88	8.89	NP	--	88.99	--
MW-42	11/29/2017	97.88	3.84	NP	--	94.04	--
MW-42	2/27/2018	97.88	3.08	NP	--	94.80	--
MW-42	6/12/2018	97.88	6.97	NP	--	90.91	--
MW-42	8/29/2018	97.88	8.99	NP	--	88.89	--
MW-42	11/6/2018	97.88	7.20	NP	--	90.68	--
MW-42	3/6/2019	97.88	4.79	NP	--	93.09	--
MW-42	5/28/2019	97.88	7.04	NP	--	90.84	--
MW-42	9/3/2019	97.88	9.21	NP	--	88.67	--
MW-42	11/19/2019	97.88	3.27	NP	--	94.61	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-42	3/3/2020	97.88	2.45	NP	--	95.43	--
MW-42	6/9/2020	97.88	6.08	NP	--	91.80	--
MW-42	8/18/2020	97.88	7.01	NP	--	90.87	--
MW-42	11/4/2020	97.88	5.80	NP	--	92.08	--
MW-42	2/3/2021	97.88	2.59	NP	--	95.29	--
MW-42	5/11/2021	97.88	6.28	NP	--	91.60	--
MW-42	7/28/2021	97.88	7.33	NP	--	90.55	--
MW-42	10/20/2021	97.88	5.32	NP	--	92.56	--
MW-42	1/18/2022	97.88	2.26	NP	--	95.62	--
MW-42	4/19/2022	97.88	4.08	NP	--	93.80	--
MW-42	8/2/2022	97.88	7.06	NP	--	90.82	--
MW-42	10/25/2022	97.88	9.14	NP	--	88.74	--
MW-43	11/18/2014	--	4.67	NP	--	--	--
MW-43	11/19/2014	--	4.79	NP	--	--	--
MW-43	12/1/2014	97.11	2.92	NP	--	94.19	--
MW-43	12/8/2014	97.11	3.06	NP	--	94.05	--
MW-43	12/15/2014	97.11	2.68	NP	--	94.43	--
MW-43	12/22/2014	97.11	2.71	NP	--	94.40	--
MW-43	12/29/2014	97.11	2.56	NP	--	94.55	--
MW-43	1/5/2015	97.11	1.95	NP	--	95.16	--
MW-43	1/12/2015	97.11	2.65	NP	--	94.46	--
MW-43	1/19/2015	97.11	2.31	NP	--	94.80	--
MW-43	1/26/2015	97.11	2.37	NP	--	94.74	--
MW-43	2/2/2015	97.11	2.81	NP	--	94.30	--
MW-43	2/9/2015	97.11	2.27	NP	--	94.84	--
MW-43	2/16/2015	97.11	2.57	NP	--	94.54	--
MW-43	2/23/2015	97.11	2.97	NP	--	94.14	--
MW-43	3/2/2015	97.11	2.86	NP	--	94.25	--
MW-43	3/9/2015	97.11	3.54	NP	--	93.57	--
MW-43	3/16/2015	97.11	2.62	NP	--	94.49	--
MW-43	3/23/2015	97.11	2.58	NP	--	94.53	--
MW-43	3/30/2015	97.11	2.81	NP	--	94.30	--
MW-43	4/6/2015	97.11	3.72	NP	--	93.39	--
MW-43	4/22/2015	97.11	5.19	NP	--	91.92	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	11/2/2015	97.11	7.05	NP	--	90.06	--
MW-43	11/16/2015	97.11	3.50	NP	--	93.61	--
MW-43	11/30/2015	97.11	4.64	NP	--	92.47	--
MW-43	1/18/2016	97.11	2.92	NP	--	94.19	--
MW-43	2/1/2016	97.11	2.42	NP	--	94.69	--
MW-43	2/15/2016	97.11	1.94	NP	--	95.17	--
MW-43	3/7/2016	97.11	2.94	NP	--	94.17	--
MW-43	3/29/2016	97.11	2.57	NP	--	94.54	--
MW-43	4/5/2016	97.11	2.76	NP	--	94.35	--
MW-43	4/19/2016	97.11	4.02	NP	--	93.09	--
MW-43	5/10/2016	97.11	5.47	NP	--	91.64	--
MW-43	5/24/2016	97.11	5.85	NP	--	91.26	--
MW-43	6/7/2016	97.11	6.21	NP	--	90.90	--
MW-43	6/21/2016	97.11	5.71	NP	--	91.40	--
MW-43	7/19/2016	97.11	6.88	NP	--	90.23	--
MW-43	8/23/2016	97.11	8.03	NP	--	89.08	--
MW-43	9/20/2016	97.11	7.03	NP	--	90.08	--
MW-43	11/8/2016	97.11	2.90	NP	--	94.21	--
MW-43	12/6/2016	97.11	2.69	NP	--	94.42	--
MW-43	3/21/2017	97.11	2.06	NP	--	95.05	--
MW-43	4/27/2017	97.11	3.66	NP	--	93.45	--
MW-43	5/30/2017	97.11	5.33	NP	--	91.78	--
MW-43	6/28/2017	97.11	6.52	NP	--	90.59	--
MW-43	8/3/2017	97.11	7.82	NP	--	89.29	--
MW-43	8/31/2017	97.11	8.57	NP	--	88.54	--
MW-43	9/26/2017	97.11	8.82	NP	--	88.29	--
MW-43	11/29/2017	97.11	3.15	NP	--	93.96	--
MW-43	2/27/2018	97.11	2.66	NP	--	94.45	--
MW-43	6/12/2018	97.11	6.53	NP	--	90.58	--
MW-43	8/29/2018	97.11	8.65	NP	--	88.46	--
MW-43	11/6/2018	97.11	6.72	NP	--	90.39	--
MW-43	3/6/2019	97.11	4.18	NP	--	92.93	--
MW-43	5/28/2019	97.11	6.64	NP	--	90.47	--
MW-43	9/3/2019	97.11	--	--	--	--	WD
MW-43	11/19/2019	98.70	4.01	NP	--	94.69	--
MW-43	3/3/2020	98.70	3.40	NP	--	95.30	--
MW-43	6/9/2020	98.70	6.82	NP	--	91.88	--
MW-43	8/18/2020	98.70	7.64	NP	--	91.06	--
MW-43	11/4/2020	98.70	6.48	NP	--	92.22	--
MW-43	2/3/2021	98.70	3.52	NP	--	95.18	--
MW-43	5/11/2021	98.70	7.05	NP	--	91.65	--
MW-43	7/28/2021	98.70	8.16	NP	--	90.54	--
MW-43	10/20/2021	98.70	6.54	NP	--	92.16	--
MW-43	1/18/2022	98.70	3.26	NP	--	95.44	--
MW-43	4/19/2022	98.70	4.85	NP	--	93.85	--
MW-43	8/2/2022	98.70	7.73	NP	--	90.97	--
MW-43	10/25/2022	98.70	9.97	NP	--	88.73	--
MW-44	11/18/2014	--	3.97	NP	--	--	--
MW-44	11/19/2014	--	3.78	NP	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	12/1/2014	96.67	1.97	NP	--	94.70	--
MW-44	12/8/2014	96.67	2.10	NP	--	94.57	--
MW-44	12/15/2014	96.67	1.77	NP	--	94.90	--
MW-44	12/22/2014	96.67	1.78	NP	--	94.89	--
MW-44	12/29/2014	96.67	1.62	NP	--	95.05	--
MW-44	1/5/2015	96.67	1.22	NP	--	95.45	--
MW-44	1/12/2015	96.67	1.70	NP	--	94.97	--
MW-44	1/19/2015	96.67	1.55	NP	--	95.12	--
MW-44	1/26/2015	96.67	1.53	NP	--	95.14	--
MW-44	2/2/2015	96.67	1.86	NP	--	94.81	--
MW-44	2/9/2015	96.67	1.50	NP	--	95.17	--
MW-44	2/16/2015	96.67	1.66	NP	--	95.01	--
MW-44	2/23/2015	96.67	1.99	NP	--	94.68	--
MW-44	3/2/2015	96.67	1.88	NP	--	94.79	--
MW-44	3/9/2015	96.67	2.56	NP	--	94.11	--
MW-44	3/16/2015	96.67	1.74	NP	--	94.93	--
MW-44	3/23/2015	96.67	1.70	NP	--	94.97	--
MW-44	3/30/2015	96.67	1.91	NP	--	94.76	--
MW-44	4/6/2015	96.67	2.80	NP	--	93.87	--
MW-44	4/22/2015	96.67	4.34	NP	--	92.33	--
MW-44	5/4/2015	96.67	4.62	NP	--	92.05	--
MW-44	5/18/2015	96.67	5.12	NP	--	91.55	--
MW-44	6/1/2015	96.67	5.90	NP	--	90.77	--
MW-44	6/15/2015	96.67	6.37	NP	--	90.30	--
MW-44	6/19/2015	96.67	6.55	NP	--	90.12	--
MW-44	6/29/2015	96.67	6.81	NP	--	89.86	--
MW-44	7/13/2015	96.67	7.20	NP	--	89.47	--
MW-44	7/28/2015	96.67	7.53	NP	--	89.14	--
MW-44	8/10/2015	96.67	7.83	NP	--	88.84	--
MW-44	8/24/2015	96.67	8.06	NP	--	88.61	--
MW-44	9/8/2015	96.67	7.77	NP	--	88.90	--
MW-44	9/21/2015	96.67	7.55	NP	--	89.12	--
MW-44	10/5/2015	96.67	7.55	NP	--	89.12	--
MW-44	10/12/2015	96.67	7.58	NP	--	89.09	--
MW-44	10/19/2015	96.67	7.52	NP	--	89.15	--
MW-44	11/2/2015	96.67	5.09	NP	--	91.58	--
MW-44	11/16/2015	96.67	2.25	NP	--	94.42	--
MW-44	11/30/2015	96.67	3.21	NP	--	93.46	--
MW-44	1/18/2016	96.67	2.07	NP	--	94.60	--
MW-44	2/1/2016	96.67	1.70	NP	--	94.97	--
MW-44	2/15/2016	96.67	--	--	--	--	WI
MW-44	3/7/2016	96.67	2.09	NP	--	94.58	--
MW-44	3/29/2016	96.67	1.80	NP	--	94.87	--
MW-44	4/5/2016	96.67	1.95	NP	--	94.72	--
MW-44	4/19/2016	96.67	3.18	NP	--	93.49	--
MW-44	5/10/2016	96.67	4.76	NP	--	91.91	--
MW-44	5/24/2016	96.67	5.19	NP	--	91.48	--
MW-44	6/7/2016	96.67	5.62	NP	--	91.05	--
MW-44	6/21/2016	96.67	5.20	NP	--	91.47	--
MW-44	7/19/2016	96.67	6.33	NP	--	90.34	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-44	8/23/2016	96.67	7.29	NP	--	89.38	--
MW-44	9/20/2016	96.67	6.24	NP	--	90.43	--
MW-44	11/8/2016	96.67	1.93	NP	--	94.74	--
MW-44	12/6/2016	96.67	1.88	NP	--	94.79	--
MW-44	3/21/2017	96.67	1.57	NP	--	95.10	--
MW-44	4/27/2017	96.67	2.82	NP	--	93.85	--
MW-44	5/30/2017	96.67	4.65	NP	--	92.02	--
MW-44	6/28/2017	96.67	6.00	NP	--	90.67	--
MW-44	8/3/2017	96.67	7.16	NP	--	89.51	--
MW-44	8/31/2017	96.67	7.81	NP	--	88.86	--
MW-44	9/26/2017	96.67	8.09	NP	--	88.58	--
MW-44	11/29/2017	96.67	2.35	NP	--	94.32	--
MW-44	2/27/2018	96.67	1.86	NP	--	94.81	--
MW-44	6/12/2018	96.67	5.90	NP	--	90.77	--
MW-44	8/29/2018	96.67	7.93	NP	--	88.74	--
MW-44	11/6/2018	96.67	5.35	NP	--	91.32	--
MW-44	3/6/2019	96.67	3.44	NP	--	93.23	--
MW-44	5/28/2019	96.67	5.99	NP	--	90.68	--
MW-44	9/3/2019	96.67	8.05	NP	--	88.62	--
MW-44	11/19/2019	96.67	1.89	NP	--	94.78	--
MW-44	3/3/2020	96.67	1.49	NP	--	95.18	--
MW-44	6/9/2020	96.67	4.92	NP	--	91.75	--
MW-44	8/18/2020	96.67	--	--	--	--	WD
MW-44	11/4/2020	98.52	6.54	NP	--	91.98	--
MW-44	5/11/2021	98.52	7.00	NP	--	91.52	--
MW-44	7/28/2021	98.52	8.14	NP	--	90.38	--
MW-44	10/20/2021	98.52	6.58	NP	--	91.94	--
MW-44	1/18/2022	98.52	3.21	NP	--	95.31	--
MW-44	4/19/2022	98.52	4.50	NP	--	94.02	--
MW-44	8/2/2022	98.52	7.71	NP	--	90.81	--
MW-44	10/25/2022	98.52	9.81	NP	--	88.71	--
MW-44	2/15/2023	98.52	5.02	NP	--	93.50	--
MW-44	4/18/2023	98.52	5.48	NP	--	93.04	--
MW-44	7/19/2023	98.52	8.18	NP	--	90.34	--
MW-44	11/7/2023	98.52	7.12	NP	--	91.38	--
MW-44	1/24/2024	98.52	3.45	NP	--	95.07	--
MW-44	4/30/2024	98.52	4.80	NP	--	93.72	--
MW-44	8/7/2024	98.52	7.63	NP	--	90.89	--
MW-44	11/12/2024	98.52	4.22	NP	--	94.30	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	1/13/2015	97.23	4.43	NP	--	92.80	--
MW-45	1/19/2015	97.23	4.42	NP	--	92.81	--
MW-45	1/26/2015	97.23	4.15	NP	--	93.08	--
MW-45	2/2/2015	97.23	4.67	NP	--	92.56	--
MW-45	2/9/2015	97.23	4.15	NP	--	93.08	--
MW-45	2/16/2015	97.23	4.13	NP	--	93.10	--
MW-45	2/23/2015	97.23	4.68	NP	--	92.55	--
MW-45	3/2/2015	97.23	4.88	NP	--	92.35	--
MW-45	3/9/2015	97.23	5.32	NP	--	91.91	--
MW-45	3/16/2015	97.23	5.31	NP	--	91.92	--
MW-45	3/23/2015	97.23	5.11	NP	--	92.12	--
MW-45	3/30/2015	97.23	5.10	NP	--	92.13	--
MW-45	4/6/2015	97.23	5.43	NP	--	91.80	--
MW-45	4/22/2015	97.23	6.12	NP	--	91.11	--
MW-45	5/4/2015	97.23	6.50	NP	--	90.73	--
MW-45	5/18/2015	97.23	6.80	NP	--	90.43	--
MW-45	6/1/2015	97.23	7.15	NP	--	90.08	--
MW-45	6/15/2015	97.23	7.34	NP	--	89.89	--
MW-45	6/19/2015	97.23	7.46	NP	--	89.77	--
MW-45	6/29/2015	97.23	7.82	NP	--	89.41	--
MW-45	7/13/2015	97.23	8.12	NP	--	89.11	--
MW-45	7/28/2015	97.23	8.39	NP	--	88.84	--
MW-45	8/10/2015	97.23	8.78	NP	--	88.45	--
MW-45	8/24/2015	97.23	9.00	NP	--	88.23	--
MW-45	9/8/2015	97.23	8.85	NP	--	88.38	--
MW-45	9/21/2015	97.23	8.83	NP	--	88.40	--
MW-45	10/5/2015	97.23	8.88	NP	--	88.35	--
MW-45	10/12/2015	97.23	8.85	NP	--	88.38	--
MW-45	10/19/2015	97.23	8.87	NP	--	88.36	--
MW-45	11/2/2015	97.23	8.53	NP	--	88.70	--
MW-45	11/16/2015	97.23	7.56	NP	--	89.67	--
MW-45	11/30/2015	97.23	7.00	NP	--	90.23	--
MW-45	1/18/2016	97.23	5.06	NP	--	92.17	--
MW-45	2/1/2016	97.23	4.41	NP	--	92.82	--
MW-45	2/15/2016	97.23	4.01	NP	--	93.22	--
MW-45	3/7/2016	97.23	4.15	NP	--	93.08	--
MW-45	3/29/2016	97.23	4.16	NP	--	93.07	--
MW-45	4/5/2016	97.23	--	--	--	--	NG
MW-45	4/19/2016	97.23	4.97	NP	--	92.26	--
MW-45	5/10/2016	97.23	--	--	--	--	WI
MW-45	5/24/2016	97.23	6.10	NP	--	91.13	--
MW-45	6/7/2016	97.23	6.53	NP	--	90.70	--
MW-45	6/21/2016	97.23	6.65	NP	--	90.58	--
MW-45	7/19/2016	97.23	7.15	NP	--	90.08	--
MW-45	8/23/2016	97.23	7.98	NP	--	89.25	--
MW-45	9/20/2016	97.23	--	--	--	--	NG
MW-45	11/8/2016	97.23	7.16	NP	--	90.07	--
MW-45	12/6/2016	97.23	6.10	NP	--	91.13	--
MW-45	3/21/2017	97.23	3.98	NP	--	93.25	--
MW-45	4/27/2017	97.23	5.09	NP	--	92.14	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-45	5/30/2017	97.23	5.96	NP	--	91.27	--
MW-45	6/27/2017	97.23	6.96	NP	--	90.27	--
MW-45	8/3/2017	97.23	7.75	NP	--	89.48	--
MW-45	8/31/2017	97.23	8.48	NP	--	88.75	--
MW-45	9/26/2017	97.23	8.71	NP	--	88.52	--
MW-45	11/29/2017	97.23	7.43	NP	--	89.80	--
MW-45	2/27/2018	97.23	3.82	NP	--	93.41	--
MW-45	6/12/2018	97.23	6.50	NP	--	90.73	--
MW-45	8/29/2018	97.23	8.38	NP	--	88.85	--
MW-45	11/6/2018	97.23	8.31	NP	--	88.92	--
MW-45	3/6/2019	97.23	6.25	NP	--	90.98	--
MW-45	5/28/2019	97.23	7.00	NP	--	90.23	--
MW-45	9/3/2019	97.23	8.81	NP	--	88.42	--
MW-45	11/19/2019	97.23	6.53	NP	--	90.70	--
MW-45	3/3/2020	97.23	3.34	NP	--	93.89	--
MW-45	6/9/2020	97.23	5.96	NP	--	91.27	--
MW-45	8/19/2020	97.23	7.00	NP	--	90.23	--
MW-45	11/4/2020	97.23	6.90	NP	--	90.33	--
MW-45	2/3/2021	97.23	4.55	NP	--	92.68	--
MW-45	5/11/2021	97.23	6.00	NP	--	91.23	--
MW-45	7/28/2021	97.23	7.70	NP	--	89.53	--
MW-45	10/20/2021	97.23	8.14	NP	--	89.09	--
MW-45	1/18/2022	97.23	3.52	NP	--	93.71	--
MW-45	4/19/2022	97.23	4.84	NP	--	92.39	--
MW-45	8/2/2022	97.23	7.01	NP	--	90.22	--
MW-45	10/25/2022	97.23	8.50	NP	--	88.73	--
MW-45	2/15/2023	97.23	5.92	NP	--	91.31	--
MW-45	4/18/2023	97.23	5.87	NP	--	91.36	--
MW-45	7/19/2023	97.23	7.78	NP	--	89.45	--
MW-45	11/7/2023	97.23	8.56	NP	--	88.67	--
MW-45	1/24/2024	97.23	6.58	NP	--	90.65	--
MW-45	4/30/2024	97.23	6.25	NP	--	90.98	--
MW-45	8/7/2024	97.23	7.85	NP	--	89.38	--
MW-45	11/12/2024	97.23	7.00	NP	--	90.23	--
MW-47	12/22/2014	97.42	5.69	NP	--	91.73	--
MW-47	12/29/2014	97.42	5.14	NP	--	92.28	--
MW-47	1/5/2015	97.42	4.38	NP	--	93.04	--
MW-47	1/12/2015	97.42	4.34	NP	--	93.08	--
MW-47	1/13/2015	97.42	4.34	NP	--	93.08	--
MW-47	1/19/2015	97.42	4.16	NP	--	93.26	--
MW-47	1/26/2015	97.42	4.04	NP	--	93.38	--
MW-47	2/2/2015	97.42	4.46	NP	--	92.96	--
MW-47	2/9/2015	97.42	4.06	NP	--	93.36	--
MW-47	2/16/2015	97.42	4.12	NP	--	93.30	--
MW-47	2/23/2015	97.42	4.53	NP	--	92.89	--
MW-47	3/2/2015	97.42	4.64	NP	--	92.78	--
MW-47	3/9/2015	97.42	4.99	NP	--	92.43	--
MW-47	3/16/2015	97.42	4.89	NP	--	92.53	--
MW-47	3/23/2015	97.42	4.77	NP	--	92.65	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-47	3/30/2015	97.42	4.76	NP	--	92.66	--
MW-47	4/6/2015	97.42	5.06	NP	--	92.36	--
MW-47	4/22/2015	97.42	5.68	NP	--	91.74	--
MW-47	5/4/2015	97.42	5.93	NP	--	91.49	--
MW-47	5/18/2015	97.42	6.22	NP	--	91.20	--
MW-47	6/1/2015	97.42	6.54	NP	--	90.88	--
MW-47	6/15/2015	97.42	6.80	NP	--	90.62	--
MW-47	6/19/2015	97.42	6.89	NP	--	90.53	--
MW-47	6/29/2015	97.42	7.10	NP	--	90.32	--
MW-47	7/13/2015	97.42	7.35	NP	--	90.07	--
MW-47	7/28/2015	97.42	7.63	NP	--	89.79	--
MW-47	8/10/2015	97.42	7.91	NP	--	89.51	--
MW-47	8/24/2015	97.42	8.16	NP	--	89.26	--
MW-47	9/8/2015	97.42	8.20	NP	--	89.22	--
MW-47	9/21/2015	97.42	8.34	NP	--	89.08	--
MW-47	10/5/2015	97.42	--	--	--	--	NG
MW-47	10/12/2015	97.42	8.52	NP	--	88.90	--
MW-47	10/19/2015	97.42	8.57	NP	--	88.85	--
MW-47	11/2/2015	97.42	8.40	NP	--	89.02	--
MW-47	11/16/2015	97.42	7.97	NP	--	89.45	--
MW-47	11/30/2015	97.42	7.45	NP	--	89.97	--
MW-47	1/18/2016	97.42	--	--	--	--	WI
MW-47	2/1/2016	97.42	--	--	--	--	WI
MW-47	2/15/2016	97.42	3.66	NP	--	93.76	--
MW-47	3/7/2016	97.42	4.33	NP	--	93.09	--
MW-47	3/29/2016	97.42	4.32	NP	--	93.10	--
MW-47	4/5/2016	97.42	--	--	--	--	NG
MW-47	4/19/2016	97.42	5.00	NP	--	92.42	--
MW-47	5/10/2016	97.42	5.64	NP	--	91.78	--
MW-47	5/24/2016	97.42	6.00	NP	--	91.42	--
MW-47	6/7/2016	97.42	6.26	NP	--	91.16	--
MW-47	6/21/2016	97.42	6.46	NP	--	90.96	--
MW-47	7/19/2016	97.42	6.80	NP	--	90.62	--
MW-47	8/23/2016	97.42	7.44	NP	--	89.98	--
MW-47	9/20/2016	97.42	7.68	NP	--	89.74	--
MW-47	11/8/2016	97.42	7.32	NP	--	90.10	--
MW-47	12/6/2016	97.42	6.50	NP	--	90.92	--
MW-47	3/21/2017	97.42	4.20	NP	--	93.22	--
MW-47	4/27/2017	97.42	5.10	NP	--	92.32	--
MW-47	5/30/2017	97.42	5.81	NP	--	91.61	--
MW-47	6/28/2017	97.42	6.54	NP	--	90.88	--
MW-47	8/3/2017	97.42	7.29	NP	--	90.13	--
MW-47	8/31/2017	97.42	7.86	NP	--	89.56	--
MW-47	11/29/2017	97.42	7.73	NP	--	89.69	--
MW-47	2/27/2018	97.42	4.12	NP	--	93.30	--
MW-47	6/12/2018	97.42	6.35	NP	--	91.07	--
MW-47	8/29/2018	97.42	7.88	NP	--	89.54	--
MW-47	11/6/2018	97.42	8.24	NP	--	89.18	--
MW-47	3/6/2019	97.42	6.49	NP	--	90.93	--
MW-47	5/28/2019	97.42	6.88	NP	--	90.54	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	9/3/2019	97.42	8.30	NP	--	89.12	--
MW-47	11/19/2019	97.42	7.55	NP	--	89.87	--
MW-47	3/3/2020	97.42	3.84	NP	--	93.58	--
MW-47	6/9/2020	97.42	6.08	NP	--	91.34	--
MW-47	8/18/2020	97.42	6.91	NP	--	90.51	--
MW-47	11/4/2020	97.42	7.40	NP	--	90.02	--
MW-47	2/3/2021	97.42	4.69	NP	--	92.73	--
MW-47	5/11/2021	97.42	5.94	NP	--	91.48	--
MW-47	7/28/2021	97.42	7.40	NP	--	90.02	--
MW-47	10/20/2021	97.42	8.01	NP	--	89.41	--
MW-47	1/18/2022	97.42	3.21	NP	--	94.21	--
MW-47	4/19/2022	97.42	4.99	NP	--	92.43	--
MW-47	8/2/2022	97.42	6.70	NP	--	90.72	--
MW-47	10/25/2022	97.42	8.23	NP	--	89.19	--
MW-48	12/22/2014	97.61	5.90	NP	--	91.71	--
MW-48	12/29/2014	97.61	5.37	NP	--	92.24	--
MW-48	1/5/2015	97.61	4.78	NP	--	92.83	--
MW-48	1/12/2015	97.61	4.55	NP	--	93.06	--
MW-48	1/13/2015	97.61	4.55	NP	--	93.06	--
MW-48	1/19/2015	97.61	4.42	NP	--	93.19	--
MW-48	1/26/2015	97.61	4.24	NP	--	93.37	--
MW-48	2/2/2015	97.61	4.64	NP	--	92.97	--
MW-48	2/9/2015	97.61	4.29	NP	--	93.32	--
MW-48	2/16/2015	97.61	4.30	NP	--	93.31	--
MW-48	2/23/2015	97.61	4.71	NP	--	92.90	--
MW-48	3/2/2015	97.61	4.82	NP	--	92.79	--
MW-48	3/9/2015	97.61	5.16	NP	--	92.45	--
MW-48	3/16/2015	97.61	5.10	NP	--	92.51	--
MW-48	3/23/2015	97.61	4.95	NP	--	92.66	--
MW-48	3/30/2015	97.61	4.95	NP	--	92.66	--
MW-48	4/6/2015	97.61	5.32	NP	--	92.29	--
MW-48	4/22/2015	97.61	5.83	NP	--	91.78	--
MW-48	5/4/2015	97.61	6.05	NP	--	91.56	--
MW-48	5/18/2015	97.61	6.34	NP	--	91.27	--
MW-48	6/1/2015	97.61	6.66	NP	--	90.95	--
MW-48	6/15/2015	97.61	6.91	NP	--	90.70	--
MW-48	6/19/2015	97.61	7.00	NP	--	90.61	--
MW-48	6/29/2015	97.61	7.21	NP	--	90.40	--
MW-48	7/13/2015	97.61	7.45	NP	--	90.16	--
MW-48	7/28/2015	97.61	7.71	NP	--	89.90	--
MW-48	8/10/2015	97.61	7.97	NP	--	89.64	--
MW-48	8/24/2015	97.61	8.22	NP	--	89.39	--
MW-48	9/8/2015	97.61	8.33	NP	--	89.28	--
MW-48	9/21/2015	97.61	8.43	NP	--	89.18	--
MW-48	10/5/2015	97.61	--	--	--	--	NG
MW-48	10/12/2015	97.61	8.61	NP	--	89.00	--
MW-48	10/19/2015	97.61	8.62	NP	--	88.99	--
MW-48	11/2/2015	97.61	8.51	NP	--	89.10	--
MW-48	11/16/2015	97.61	8.08	NP	--	89.53	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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-48	8/29/2018	97.61	7.88	NP	--	89.73	--
MW-48	11/6/2018	97.61	8.28	NP	--	89.33	--
MW-48	3/6/2019	97.61	6.60	NP	--	91.01	--
MW-48	5/28/2019	97.61	6.93	NP	--	90.68	--
MW-48	9/3/2019	97.61	8.34	NP	--	89.27	--
MW-48	11/19/2019	97.61	7.59	NP	--	90.02	--
MW-48	3/3/2020	97.61	3.93	NP	--	93.68	--
MW-48	6/9/2020	97.61	6.12	NP	--	91.49	--
MW-48	8/18/2020	97.61	6.93	NP	--	90.68	--
MW-48	11/4/2020	97.61	7.47	NP	--	90.14	--
MW-48	2/3/2021	97.61	4.82	NP	--	92.79	--
MW-48	5/11/2021	97.61	5.99	NP	--	91.62	--
MW-48	7/28/2021	97.61	7.41	NP	--	90.20	--
MW-48	10/20/2021	97.61	8.08	NP	--	89.53	--
MW-48	1/18/2022	97.61	3.35	NP	--	94.26	--
MW-48	4/19/2022	97.61	5.05	NP	--	92.56	--
MW-48	8/2/2022	97.61	6.72	NP	--	90.89	--
MW-48	10/25/2022	97.61	8.23	NP	--	89.38	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	1/13/2015	98.11	5.10	NP	--	93.01	--
MW-49	1/19/2015	98.11	5.03	NP	--	93.08	--
MW-49	1/26/2015	98.11	4.82	NP	--	93.29	--
MW-49	2/2/2015	98.11	5.18	NP	--	92.93	--
MW-49	2/9/2015	98.11	4.89	NP	--	93.22	--
MW-49	2/16/2015	98.11	4.88	NP	--	93.23	--
MW-49	2/23/2015	98.11	5.26	NP	--	92.85	--
MW-49	3/2/2015	98.11	5.39	NP	--	92.72	--
MW-49	3/9/2015	98.11	5.70	NP	--	92.41	--
MW-49	3/16/2015	98.11	5.70	NP	--	92.41	--
MW-49	3/23/2015	98.11	5.53	NP	--	92.58	--
MW-49	3/30/2015	98.11	5.53	NP	--	92.58	--
MW-49	4/6/2015	98.11	5.87	NP	--	92.24	--
MW-49	4/22/2015	98.11	6.40	NP	--	91.71	--
MW-49	5/4/2015	98.11	6.62	NP	--	91.49	--
MW-49	5/18/2015	98.11	6.90	NP	--	91.21	--
MW-49	6/1/2015	98.11	7.23	NP	--	90.88	--
MW-49	6/15/2015	98.11	7.47	NP	--	90.64	--
MW-49	6/19/2015	98.11	7.55	NP	--	90.56	--
MW-49	6/29/2015	98.11	7.77	NP	--	90.34	--
MW-49	7/13/2015	98.11	8.01	NP	--	90.10	--
MW-49	7/28/2015	98.11	8.29	NP	--	89.82	--
MW-49	8/10/2015	98.11	8.56	NP	--	89.55	--
MW-49	8/24/2015	98.11	8.82	NP	--	89.29	--
MW-49	9/8/2015	98.11	8.94	NP	--	89.17	--
MW-49	9/21/2015	98.11	9.00	NP	--	89.11	--
MW-49	10/5/2015	98.11	9.14	NP	--	88.97	--
MW-49	10/12/2015	98.11	9.14	NP	--	88.97	--
MW-49	10/19/2015	98.11	9.19	NP	--	88.92	--
MW-49	11/2/2015	98.11	9.11	NP	--	89.00	--
MW-49	11/16/2015	98.11	8.60	NP	--	89.51	--
MW-49	11/30/2015	98.11	8.02	NP	--	90.09	--
MW-49	1/18/2016	98.11	5.80	NP	--	92.31	--
MW-49	2/1/2016	98.11	5.25	NP	--	92.86	--
MW-49	2/15/2016	98.11	4.69	NP	--	93.42	--
MW-49	3/7/2016	98.11	4.96	NP	--	93.15	--
MW-49	3/29/2016	98.11	5.05	NP	--	93.06	--
MW-49	4/5/2016	98.11	--	--	--	--	NG
MW-49	4/19/2016	98.11	5.66	NP	--	92.45	--
MW-49	5/10/2016	98.11	6.28	NP	--	91.83	--
MW-49	5/24/2016	98.11	6.63	NP	--	91.48	--
MW-49	6/7/2016	98.11	6.91	NP	--	91.20	--
MW-49	6/21/2016	98.11	7.11	NP	--	91.00	--
MW-49	7/19/2016	98.11	7.45	NP	--	90.66	--
MW-49	8/23/2016	98.11	8.08	NP	--	90.03	--
MW-49	9/20/2016	98.11	8.30	NP	--	89.81	--
MW-49	11/8/2016	98.11	8.00	NP	--	90.11	--
MW-49	12/6/2016	98.11	7.19	NP	--	90.92	--
MW-49	3/21/2017	98.11	4.95	NP	--	93.16	--
MW-49	4/27/2017	98.11	5.71	NP	--	92.40	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-49	5/30/2017	98.11	6.45	NP	--	91.66	--
MW-49	6/27/2017	98.11	7.16	NP	--	90.95	--
MW-49	8/3/2017	98.11	7.92	NP	--	90.19	--
MW-49	8/31/2017	98.11	8.49	NP	--	89.62	--
MW-49	9/26/2017	98.11	8.88	NP	--	89.23	--
MW-49	11/29/2017	98.11	8.42	NP	--	89.69	--
MW-49	2/27/2018	98.11	4.81	NP	--	93.30	--
MW-49	6/12/2018	98.11	6.99	NP	--	91.12	--
MW-49	8/29/2018	98.11	8.50	NP	--	89.61	--
MW-49	11/6/2018	98.11	8.91	NP	--	89.20	--
MW-49	3/6/2019	98.11	7.20	NP	--	90.91	--
MW-49	5/28/2019	98.11	7.52	NP	--	90.59	--
MW-49	9/3/2019	98.11	8.94	NP	--	89.17	--
MW-49	11/19/2019	98.11	8.15	NP	--	89.96	--
MW-49	3/3/2020	98.11	4.67	NP	--	93.44	--
MW-49	6/9/2020	98.11	6.72	NP	--	91.39	--
MW-49	8/18/2020	98.11	7.54	NP	--	90.57	--
MW-49	11/4/2020	98.11	8.07	NP	--	90.04	--
MW-49	2/3/2021	98.11	5.50	NP	--	92.61	--
MW-49	5/11/2021	98.11	6.60	NP	--	91.51	--
MW-49	7/28/2021	98.11	8.04	NP	--	90.07	--
MW-49	10/20/2021	98.11	8.74	NP	--	89.37	--
MW-49	1/18/2022	98.11	4.10	NP	--	94.01	--
MW-49	4/19/2022	98.11	5.63	NP	--	92.48	--
MW-49	8/2/2022	98.11	7.34	NP	--	90.77	--
MW-49	10/25/2022	98.11	8.84	NP	--	89.27	--
MW-50	12/22/2014	98.05	5.90	NP	--	92.15	--
MW-50	12/29/2014	98.05	5.47	NP	--	92.58	--
MW-50	1/5/2015	98.05	5.08	NP	--	92.97	--
MW-50	1/12/2015	98.05	4.69	NP	--	93.36	--
MW-50	1/19/2015	98.05	4.80	NP	--	93.25	--
MW-50	1/26/2015	98.05	4.50	NP	--	93.55	--
MW-50	2/2/2015	98.05	4.85	NP	--	93.20	--
MW-50	2/9/2015	98.05	4.63	NP	--	93.42	--
MW-50	2/16/2015	98.05	4.57	NP	--	93.48	--
MW-50	2/23/2015	98.05	4.93	NP	--	93.12	--
MW-50	3/2/2015	98.05	5.07	NP	--	92.98	--
MW-50	3/9/2015	98.05	5.37	NP	--	92.68	--
MW-50	3/16/2015	98.05	5.50	NP	--	92.55	--
MW-50	3/23/2015	98.05	5.22	NP	--	92.83	--
MW-50	3/30/2015	98.05	5.22	NP	--	92.83	--
MW-50	4/6/2015	98.05	5.55	NP	--	92.50	--
MW-50	4/22/2015	98.05	6.11	NP	--	91.94	--
MW-50	5/4/2015	98.05	6.33	NP	--	91.72	--
MW-50	5/18/2015	98.05	6.63	NP	--	91.42	--
MW-50	6/1/2015	98.05	6.96	NP	--	91.09	--
MW-50	6/15/2015	98.05	7.21	NP	--	90.84	--
MW-50	6/19/2015	98.05	7.29	NP	--	90.76	--
MW-50	6/29/2015	98.05	7.50	NP	--	90.55	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-50	7/13/2015	98.05	7.73	NP	--	90.32	--
MW-50	7/28/2015	98.05	7.98	NP	--	90.07	--
MW-50	8/10/2015	98.05	8.21	NP	--	89.84	--
MW-50	8/24/2015	98.05	8.41	NP	--	89.64	--
MW-50	9/8/2015	98.05	8.60	NP	--	89.45	--
MW-50	9/21/2015	98.05	8.65	NP	--	89.40	--
MW-50	10/5/2015	98.05	8.75	NP	--	89.30	--
MW-50	10/12/2015	98.05	8.76	NP	--	89.29	--
MW-50	10/19/2015	98.05	8.80	NP	--	89.25	--
MW-50	11/2/2015	98.05	8.80	NP	--	89.25	--
MW-50	11/16/2015	98.05	8.29	NP	--	89.76	--
MW-50	11/30/2015	98.05	7.16	NP	--	90.89	--
MW-50	1/18/2016	98.05	5.37	NP	--	92.68	--
MW-50	2/1/2016	98.05	4.82	NP	--	93.23	--
MW-50	2/15/2016	98.05	--	--	--	--	NG
MW-50	3/7/2016	98.05	4.60	NP	--	93.45	--
MW-50	3/29/2016	98.05	4.75	NP	--	93.30	--
MW-50	4/5/2016	98.05	--	--	--	--	NG
MW-50	4/19/2016	98.05	5.32	NP	--	92.73	--
MW-50	5/10/2016	98.05	5.95	NP	--	92.10	--
MW-50	5/24/2016	98.05	6.33	NP	--	91.72	--
MW-50	6/7/2016	98.05	6.63	NP	--	91.42	--
MW-50	6/21/2016	98.05	6.86	NP	--	91.19	--
MW-50	7/19/2016	98.05	7.20	NP	--	90.85	--
MW-50	8/23/2016	98.05	7.81	NP	--	90.24	--
MW-50	9/20/2016	98.05	7.98	NP	--	90.07	--
MW-50	11/8/2016	98.05	7.45	NP	--	90.60	--
MW-50	12/6/2016	98.05	6.40	NP	--	91.65	--
MW-50	3/21/2017	98.05	4.80	NP	--	93.25	--
MW-50	4/27/2017	98.05	5.39	NP	--	92.66	--
MW-50	5/30/2017	98.05	6.13	NP	--	91.92	--
MW-50	6/27/2017	98.05	6.90	NP	--	91.15	--
MW-50	8/3/2017	98.05	7.65	NP	--	90.40	--
MW-50	8/31/2017	98.05	8.18	NP	--	89.87	--
MW-50	9/26/2017	98.05	8.52	NP	--	89.53	--
MW-50	11/29/2017	98.05	8.06	NP	--	89.99	--
MW-50	2/27/2018	98.05	4.31	NP	--	93.74	--
MW-50	6/12/2018	98.05	6.68	NP	--	91.37	--
MW-50	8/29/2018	98.05	8.20	NP	--	89.85	--
MW-50	11/6/2018	98.05	8.68	NP	--	89.37	--
MW-50	3/6/2019	98.05	6.70	NP	--	91.35	--
MW-50	5/28/2019	98.05	7.29	NP	--	90.76	--
MW-50	9/3/2019	98.05	8.58	NP	--	89.47	--
MW-50	11/19/2019	98.05	7.71	NP	--	90.34	--
MW-50	3/3/2020	98.05	4.41	NP	--	93.64	--
MW-50	6/9/2020	98.05	6.48	NP	--	91.57	--
MW-50	8/18/2020	98.05	7.34	NP	--	90.71	--
MW-50	11/4/2020	98.05	7.87	NP	--	90.18	--
MW-50	2/3/2021	98.05	5.18	NP	--	92.87	--
MW-50	5/11/2021	98.05	6.43	NP	--	91.62	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-50	7/28/2021	98.05	7.89	NP	--	90.16	--
MW-50	10/20/2021	98.05	8.53	NP	--	89.52	--
MW-50	1/18/2022	98.05	3.87	NP	--	94.18	--
MW-50	4/19/2022	98.05	5.32	NP	--	92.73	--
MW-50	8/2/2022	98.05	7.13	NP	--	90.92	--
MW-50	10/25/2022	98.05	8.86	NP	--	89.19	--
MW-51	12/22/2014	96.86	3.17	NP	--	93.69	--
MW-51	12/29/2014	96.86	2.72	NP	--	94.14	--
MW-51	1/5/2015	96.86	1.92	NP	--	94.94	--
MW-51	1/12/2015	96.86	2.17	NP	--	94.69	--
MW-51	1/13/2015	96.86	2.17	NP	--	94.69	--
MW-51	1/19/2015	96.86	2.64	NP	--	94.22	--
MW-51	1/26/2015	96.86	2.05	NP	--	94.81	--
MW-51	2/2/2015	96.86	2.89	NP	--	93.97	--
MW-51	2/9/2015	96.86	2.30	NP	--	94.56	--
MW-51	2/16/2015	96.86	2.28	NP	--	94.58	--
MW-51	2/23/2015	96.86	2.83	NP	--	94.03	--
MW-51	3/2/2015	96.86	2.98	NP	--	93.88	--
MW-51	3/9/2015	96.86	3.64	NP	--	93.22	--
MW-51	3/16/2015	96.86	3.35	NP	--	93.51	--
MW-51	3/23/2015	96.86	2.93	NP	--	93.93	--
MW-51	3/30/2015	96.86	3.09	NP	--	93.77	--
MW-51	4/6/2015	96.86	3.80	NP	--	93.06	--
MW-51	4/22/2015	96.86	4.84	NP	--	92.02	--
MW-51	5/4/2015	96.86	5.17	NP	--	91.69	--
MW-51	5/18/2015	96.86	5.71	NP	--	91.15	--
MW-51	6/1/2015	96.86	6.31	NP	--	90.55	--
MW-51	6/15/2015	96.86	6.74	NP	--	90.12	--
MW-51	6/19/2015	96.86	6.89	NP	--	89.97	--
MW-51	6/29/2015	96.86	7.25	NP	--	89.61	--
MW-51	7/13/2015	96.86	7.66	NP	--	89.20	--
MW-51	7/28/2015	96.86	8.05	NP	--	88.81	--
MW-51	8/10/2015	96.86	8.38	NP	--	88.48	--
MW-51	8/24/2015	96.86	8.76	NP	--	88.10	--
MW-51	9/8/2015	96.86	8.46	NP	--	88.40	--
MW-51	9/21/2015	96.86	8.40	NP	--	88.46	--
MW-51	10/5/2015	96.86	8.47	NP	--	88.39	--
MW-51	10/12/2015	96.86	8.43	NP	--	88.43	--
MW-51	10/19/2015	96.86	8.40	NP	--	88.46	--
MW-51	11/2/2015	96.86	8.00	NP	--	88.86	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	5/10/2016	96.86	5.05	NP	--	91.81	--
MW-51	5/24/2016	96.86	5.62	NP	--	91.24	--
MW-51	6/7/2016	96.86	6.02	NP	--	90.84	--
MW-51	6/21/2016	96.86	6.07	NP	--	90.79	--
MW-51	7/19/2016	96.86	6.77	NP	--	90.09	--
MW-51	8/23/2016	96.86	7.70	NP	--	89.16	--
MW-51	9/20/2016	96.86	7.44	NP	--	89.42	--
MW-51	11/8/2016	96.86	5.01	NP	--	91.85	--
MW-51	12/6/2016	96.86	3.24	NP	--	93.62	--
MW-51	3/21/2017	96.86	2.47	NP	--	94.39	--
MW-51	4/27/2017	96.86	3.64	NP	--	93.22	--
MW-51	5/30/2017	96.86	5.01	NP	--	91.85	--
MW-51	6/27/2017	96.86	6.35	NP	--	90.51	--
MW-51	8/3/2017	96.86	7.47	NP	--	89.39	--
MW-51	9/26/2017	96.86	8.54	NP	--	88.32	--
MW-51	11/29/2017	96.86	5.17	NP	--	91.69	--
MW-51	2/27/2018	96.86	2.51	NP	--	94.35	--
MW-51	6/12/2018	96.86	6.11	NP	--	90.75	--
MW-51	8/29/2018	96.86	8.62	NP	--	88.24	--
MW-51	11/6/2018	96.86	7.65	NP	--	89.21	--
MW-51	3/6/2019	96.86	4.36	NP	--	92.50	--
MW-51	5/28/2019	96.86	6.41	NP	--	90.45	--
MW-51	9/3/2019	96.86	8.74	NP	--	88.12	--
MW-51	11/19/2019	96.86	5.40	NP	--	91.46	--
MW-51	3/3/2020	96.86	2.15	NP	--	94.71	--
MW-51	6/9/2020	96.86	5.53	NP	--	91.33	--
MW-51	8/18/2020	96.86	7.76	NP	--	89.10	--
MW-51	11/4/2020	96.86	6.26	NP	--	90.60	--
MW-51	2/3/2021	96.86	2.10	NP	--	94.76	--
MW-51	5/11/2021	96.86	5.26	NP	--	91.60	--
MW-51	7/28/2021	96.86	7.18	NP	--	89.68	--
MW-51	10/20/2021	96.86	6.28	NP	--	90.58	--
MW-51	1/18/2022	96.86	2.37	NP	--	94.49	--
MW-51	4/19/2022	96.86	4.70	NP	--	92.16	--
MW-51	8/2/2022	96.86	6.70	NP	--	90.16	--
MW-51	10/25/2022	96.86	8.50	NP	--	88.36	--
MW-52	12/22/2014	97.79	5.04	NP	--	92.75	--
MW-52	12/29/2014	97.79	5.28	NP	--	92.51	--
MW-52	1/5/2015	97.79	4.59	NP	--	93.20	--
MW-52	1/12/2015	97.79	4.55	NP	--	93.24	--
MW-52	1/13/2015	97.79	4.55	NP	--	93.24	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	3/16/2015	97.79	5.18	NP	--	92.61	--
MW-52	3/23/2015	97.79	4.85	NP	--	92.94	--
MW-52	3/30/2015	97.79	4.91	NP	--	92.88	--
MW-52	4/6/2015	97.79	5.28	NP	--	92.51	--
MW-52	4/22/2015	97.79	5.90	NP	--	91.89	--
MW-52	5/4/2015	97.79	6.12	NP	--	91.67	--
MW-52	5/18/2015	97.79	6.43	NP	--	91.36	--
MW-52	6/1/2015	97.79	6.82	NP	--	90.97	--
MW-52	6/15/2015	97.79	7.04	NP	--	90.75	--
MW-52	6/19/2015	97.79	7.13	NP	--	90.66	--
MW-52	6/29/2015	97.79	7.45	NP	--	90.34	--
MW-52	7/13/2015	97.79	7.75	NP	--	90.04	--
MW-52	7/28/2015	97.79	8.13	NP	--	89.66	--
MW-52	8/10/2015	97.79	8.64	NP	--	89.15	--
MW-52	8/24/2015	97.79	9.15	NP	--	88.64	--
MW-52	9/8/2015	97.79	8.56	NP	--	89.23	--
MW-52	9/21/2015	97.79	8.62	NP	--	89.17	--
MW-52	10/5/2015	97.79	8.91	NP	--	88.88	--
MW-52	10/12/2015	97.79	8.95	NP	--	88.84	--
MW-52	10/19/2015	97.79	9.03	NP	--	88.76	--
MW-52	11/2/2015	97.79	8.61	NP	--	89.18	--
MW-52	11/16/2015	97.79	6.95	NP	--	90.84	--
MW-52	11/30/2015	97.79	6.55	NP	--	91.24	--
MW-52	1/18/2016	97.79	4.83	NP	--	92.96	--
MW-52	2/1/2016	97.79	4.00	NP	--	93.79	--
MW-52	2/15/2016	97.79	3.31	NP	--	94.48	--
MW-52	3/7/2016	97.79	4.16	NP	--	93.63	--
MW-52	3/29/2016	97.79	4.00	NP	--	93.79	--
MW-52	4/5/2016	97.79	--	--	--	--	NG
MW-52	4/19/2016	97.79	4.90	NP	--	92.89	--
MW-52	5/10/2016	97.79	5.63	NP	--	92.16	--
MW-52	5/24/2016	97.79	6.00	NP	--	91.79	--
MW-52	6/7/2016	97.79	6.29	NP	--	91.50	--
MW-52	6/21/2016	97.79	6.14	NP	--	91.65	--
MW-52	7/19/2016	97.79	6.84	NP	--	90.95	--
MW-52	8/23/2016	97.79	7.72	NP	--	90.07	--
MW-52	9/20/2016	97.79	7.46	NP	--	90.33	--
MW-52	11/8/2016	97.79	5.86	NP	--	91.93	--
MW-52	12/6/2016	97.79	4.92	NP	--	92.87	--
MW-52	3/21/2017	97.79	3.60	NP	--	94.19	--
MW-52	4/27/2017	97.79	4.79	NP	--	93.00	--
MW-52	5/30/2017	97.79	5.60	NP	--	92.19	--
MW-52	6/28/2017	97.79	6.51	NP	--	91.28	--
MW-52	8/3/2017	97.79	7.48	NP	--	90.31	--
MW-52	8/31/2017	97.79	8.11	NP	--	89.68	--
MW-52	9/26/2017	97.79	8.60	NP	--	89.19	--
MW-52	11/29/2017	97.79	6.17	NP	--	91.62	--
MW-52	2/27/2018	97.79	3.83	NP	--	93.96	--
MW-52	6/12/2018	97.79	6.24	NP	--	91.55	--
MW-52	8/29/2018	97.79	7.92	NP	--	89.87	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	11/6/2018	97.79	7.22	NP	--	90.57	--
MW-52	3/6/2019	97.79	5.57	NP	--	92.22	--
MW-52	5/28/2019	97.79	6.63	NP	--	91.16	--
MW-52	9/3/2019	97.79	8.17	NP	--	89.62	--
MW-52	11/19/2019	97.79	5.94	NP	--	91.85	--
MW-52	3/3/2020	97.79	3.19	NP	--	94.60	--
MW-52	6/9/2020	97.79	5.59	NP	--	92.20	--
MW-52	8/18/2020	97.79	6.76	NP	--	91.03	--
MW-52	11/4/2020	97.79	6.64	NP	--	91.15	--
MW-52	2/3/2021	97.79	3.72	NP	--	94.07	--
MW-52	5/11/2021	97.79	5.72	NP	--	92.07	--
MW-52	7/28/2021	97.79	7.31	NP	--	90.48	--
MW-52	10/20/2021	97.79	6.22	NP	--	91.57	--
MW-52	1/18/2022	97.79	2.66	NP	--	95.13	--
MW-52	4/19/2022	97.79	4.63	NP	--	93.16	--
MW-52	8/2/2022	97.79	6.57	NP	--	91.22	--
MW-52	10/25/2022	97.79	8.17	NP	--	89.62	--
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	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	11/2/2015	96.45	6.64	NP	--	89.81	--
MW-53	11/16/2015	96.45	4.30	NP	--	92.15	--
MW-53	11/30/2015	96.45	4.54	NP	--	91.91	--
MW-53	1/18/2016	96.45	2.49	NP	--	93.96	--
MW-53	2/1/2016	96.45	1.76	NP	--	94.69	--
MW-53	2/15/2016	96.45	--	--	--	--	NG
MW-53	3/7/2016	96.45	2.75	NP	--	93.70	--
MW-53	3/29/2016	96.45	2.60	NP	--	93.85	--
MW-53	4/5/2016	96.45	--	--	--	--	NG
MW-53	4/19/2016	96.45	3.61	NP	--	92.84	--
MW-53	5/10/2016	96.45	4.30	NP	--	92.15	--
MW-53	5/24/2016	96.45	4.70	NP	--	91.75	--
MW-53	6/7/2016	96.45	4.96	NP	--	91.49	--
MW-53	6/21/2016	96.45	4.64	NP	--	91.81	--
MW-53	7/19/2016	96.45	5.64	NP	--	90.81	--
MW-53	8/23/2016	96.45	6.56	NP	--	89.89	--
MW-53	9/20/2016	96.45	5.88	NP	--	90.57	--
MW-53	11/8/2016	96.45	2.65	NP	--	93.80	--
MW-53	12/6/2016	96.45	2.15	NP	--	94.30	--
MW-53	3/21/2017	96.45	1.48	NP	--	94.97	--
MW-53	4/27/2017	96.45	--	--	--	--	WI
MW-53	5/30/2017	96.45	4.18	NP	--	92.27	--
MW-53	6/28/2017	96.45	5.27	NP	--	91.18	--
MW-53	8/3/2017	96.45	6.42	NP	--	90.03	--
MW-53	8/31/2017	96.45	7.02	NP	--	89.43	--
MW-53	9/26/2017	96.45	7.28	NP	--	89.17	--
MW-53	11/29/2017	96.45	3.92	NP	--	92.53	--
MW-53	2/27/2018	96.45	2.08	NP	--	94.37	--
MW-53	6/12/2018	96.45	5.11	5.10	0.01	91.35	--
MW-53	8/29/2018	96.45	7.06	7.03	0.03	89.41	--
MW-53	9/21/2018	96.45	7.33	NP	--	89.12	--
MW-53	11/6/2018	96.45	6.71	NP	--	89.74	--
MW-53	11/28/2018	96.45	5.20	NP	--	91.25	--
MW-53	3/6/2019	96.45	3.85	NP	--	92.60	--
MW-53	5/28/2019	96.45	5.42	NP	--	91.03	--
MW-53	9/3/2019	96.45	7.11	NP	--	89.34	--
MW-53	11/19/2019	96.45	3.90	NP	--	92.55	--
MW-53	3/3/2020	96.45	1.91	NP	--	94.54	--
MW-53	6/9/2020	96.45	5.27	NP	--	91.18	--
MW-53	8/18/2020	96.45	6.01	NP	--	90.44	--
MW-53	11/4/2020	96.45	5.60	NP	--	90.85	--
MW-53	2/3/2021	96.45	2.62	NP	--	93.83	--
MW-53	5/11/2021	96.45	4.63	NP	--	91.82	--
MW-53	7/28/2021	96.45	6.18	NP	--	90.27	--
MW-53	10/20/2021	96.45	4.60	NP	--	91.85	--
MW-53	1/18/2022	96.45	2.21	NP	--	94.24	--
MW-53	4/19/2022	96.45	3.32	NP	--	93.13	--
MW-53	8/2/2022	96.45	5.47	NP	--	90.98	--
MW-53	10/25/2022	96.45	7.32	NP	--	89.13	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	6/23/1992	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
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	--	--	--	--	Dry
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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	--
MW-54	12/29/2014	99.20	5.40	NP	--	93.80	--
MW-54	1/5/2015	99.20	4.50	NP	--	94.70	--
MW-54	1/12/2015	99.20	4.96	NP	--	94.24	--
MW-54	1/13/2015	99.20	4.96	NP	--	94.24	--
MW-54	1/19/2015	99.20	5.07	NP	--	94.13	--
MW-54	1/26/2015	99.20	4.67	NP	--	94.53	--
MW-54	2/2/2015	99.20	5.47	NP	--	93.73	--
MW-54	2/9/2015	99.20	4.80	NP	--	94.40	--
MW-54	2/16/2015	99.20	4.95	NP	--	94.25	--
MW-54	2/23/2015	99.20	5.47	NP	--	93.73	--
MW-54	3/2/2015	99.20	5.62	NP	--	93.58	--
MW-54	3/9/2015	99.20	6.12	NP	--	93.08	--
MW-54	3/16/2015	99.20	6.12	NP	--	93.08	--
MW-54	3/23/2015	99.20	5.65	NP	--	93.55	--
MW-54	3/30/2015	99.20	5.76	NP	--	93.44	--
MW-54	4/6/2015	99.20	6.28	NP	--	92.92	--
MW-54	4/22/2015	99.20	7.17	NP	--	92.03	--
MW-54	5/4/2015	99.20	6.47	NP	--	92.73	--
MW-54	5/18/2015	99.20	7.96	NP	--	91.24	--
MW-54	6/1/2015	99.20	8.48	NP	--	90.72	--
MW-54	6/15/2015	99.20	8.91	NP	--	90.29	--
MW-54	6/19/2015	99.20	9.04	NP	--	90.16	--
MW-54	6/29/2015	99.20	9.38	NP	--	89.82	--
MW-54	7/13/2015	99.20	--	--	--	--	Dry
MW-54	7/28/2015	99.20	--	--	--	--	Dry
MW-54	8/10/2015	99.20	--	--	--	--	Dry
MW-54	8/24/2015	99.20	--	--	--	--	Dry
MW-54	9/8/2015	99.20	--	--	--	--	Dry
MW-54	9/21/2015	99.20	--	--	--	--	Dry
MW-54	10/5/2015	99.20	--	--	--	--	Dry
MW-54	10/12/2015	99.20	--	--	--	--	Dry
MW-54	10/19/2015	99.20	--	--	--	--	Dry
MW-54	11/2/2015	99.20	--	--	--	--	Dry
MW-54	11/16/2015	99.20	8.99	NP	--	90.21	--
MW-54	11/30/2015	99.20	7.70	NP	--	91.50	--
MW-54	1/18/2016	99.20	5.90	NP	--	93.30	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	2/1/2016	99.20	5.15	NP	--	94.05	--
MW-54	2/15/2016	99.20	4.67	NP	--	94.53	--
MW-54	3/7/2016	99.20	5.25	NP	--	93.95	--
MW-54	3/29/2016	99.20	5.27	NP	--	93.93	--
MW-54	4/5/2016	99.20	--	--	--	--	NG
MW-54	4/19/2016	99.20	6.31	NP	--	92.89	--
MW-54	5/10/2016	99.20	7.31	NP	--	91.89	--
MW-54	5/24/2016	99.20	7.83	NP	--	91.37	--
MW-54	6/7/2016	99.20	8.23	NP	--	90.97	--
MW-54	6/21/2016	99.20	8.37	NP	--	90.83	--
MW-54	7/19/2016	99.20	--	--	--	--	Dry
MW-54	8/23/2016	99.20	--	--	--	--	Dry
MW-54	9/20/2016	99.20	--	--	--	--	Dry
MW-54	11/8/2016	99.20	7.73	NP	--	91.47	--
MW-54	12/6/2016	99.20	--	--	--	--	Dry
MW-54	3/21/2017	99.20	4.77	NP	--	94.43	Dry
MW-54	4/27/2017	99.20	6.14	NP	--	93.06	Dry
MW-54	5/30/2017	99.20	7.30	NP	--	91.90	Dry
MW-54	6/28/2017	99.20	8.49	NP	--	90.71	Dry
MW-54	8/3/2017	99.20	--	--	--	--	Dry
MW-54	8/31/2017	99.20	--	--	--	--	Dry
MW-54	11/29/2017	99.20	8.09	NP	--	91.11	--
MW-54	2/27/2018	99.20	4.87	NP	--	94.33	--
MW-54	6/12/2018	99.20	8.33	NP	--	90.87	--
MW-54	8/29/2018	99.20	--	--	--	--	Dry
MW-54	11/6/2018	99.20	--	--	--	--	Dry
MW-54	3/6/2019	99.20	7.03	NP	--	92.17	--
MW-54	5/28/2019	99.20	--	--	--	--	Dry
MW-54	9/3/2019	99.20	--	--	--	--	Dry
MW-54	11/19/2019	99.20	8.17	NP	--	91.03	--
MW-54	3/3/2020	99.20	4.72	NP	--	94.48	--
MW-54	6/9/2020	99.20	7.87	NP	--	91.33	--
MW-54	8/18/2020	99.20	--	--	--	--	Dry
MW-54	11/4/2020	99.20	--	--	--	--	Dry
MW-54	2/3/2021	99.20	4.67	NP	--	94.53	--
MW-54	5/11/2021	--	--	--	--	--	Dry
MW-54	7/28/2021	99.20	--	--	--	--	Dry
MW-54	10/20/2021	--	--	--	--	--	Dry
MW-54	1/18/2022	99.20	4.13	NP	--	95.07	--
MW-54	4/19/2022	99.20	6.20	NP	--	93.00	--
MW-54	8/2/2022	99.20	--	--	--	--	Dry
MW-54	10/25/2022	99.20	--	--	--	--	Dry
MW-55	10/5/2015	--	--	--	--	--	NG
MW-55	10/12/2015	--	7.82	NP	--	--	--
MW-55	10/19/2015	--	7.94	NP	--	--	--
MW-55	11/2/2015	96.13	7.39	NP	--	88.74	--
MW-55	11/16/2015	96.13	2.75	NP	--	93.38	--
MW-55	11/30/2015	96.13	3.70	NP	--	92.43	--
MW-55	1/18/2016	96.13	2.75	NP	--	93.38	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-55	2/1/2016	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	--
MW-55	5/10/2016	96.13	4.45	NP	--	91.68	--
MW-55	5/24/2016	96.13	4.84	NP	--	91.29	--
MW-55	6/7/2016	96.13	5.31	NP	--	90.82	--
MW-55	6/21/2016	96.13	5.34	NP	--	90.79	--
MW-55	7/19/2016	96.13	6.13	NP	--	90.00	--
MW-55	8/23/2016	96.13	7.03	NP	--	89.10	--
MW-55	9/20/2016	96.13	6.62	NP	--	89.51	--
MW-55	11/8/2016	96.13	2.94	NP	--	93.19	--
MW-55	12/6/2016	96.13	2.60	NP	--	93.53	--
MW-55	3/21/2017	96.13	1.60	NP	--	94.53	--
MW-55	4/27/2017	96.13	2.92	NP	--	93.21	--
MW-55	5/30/2017	96.13	4.34	NP	--	91.79	--
MW-55	6/28/2017	96.13	5.64	NP	--	90.49	--
MW-55	8/3/2017	96.13	6.77	NP	--	89.36	--
MW-55	8/31/2017	96.13	7.47	NP	--	88.66	--
MW-55	9/26/2017	96.13	7.80	NP	--	88.33	--
MW-55	11/29/2017	96.13	3.64	NP	--	92.49	--
MW-55	2/27/2018	96.13	2.55	NP	--	93.58	--
MW-55	6/12/2018	96.13	5.57	NP	--	90.56	--
MW-55	8/29/2018	96.13	7.63	NP	--	88.50	--
MW-55	11/6/2018	96.13	7.09	NP	--	89.04	--
MW-55	3/6/2019	96.13	3.55	NP	--	92.58	--
MW-55	5/28/2019	96.13	5.74	NP	--	90.39	--
MW-55	9/3/2019	96.13	8.08	NP	--	88.05	--
MW-55	11/19/2019	96.13	3.32	NP	--	92.81	--
MW-55	3/3/2020	96.13	1.00	NP	--	95.13	--
MW-55	6/9/2020	96.13	4.98	NP	--	91.15	--
MW-55	8/18/2020	96.13	5.40	NP	--	90.73	--
MW-55	11/4/2020	96.13	5.25	NP	--	90.88	--
MW-55	2/3/2021	96.13	0.94	NP	--	95.19	--
MW-55	5/11/2021	96.13	4.82	NP	--	91.31	--
MW-55	7/28/2021	96.13	5.43	NP	--	90.70	--
MW-55	10/20/2021	96.13	4.48	NP	--	91.65	--
MW-55	1/18/2022	96.13	0.59	NP	--	95.54	--
MW-55	4/20/2022	96.13	2.94	NP	--	93.19	--
MW-55	8/2/2022	96.13	5.91	NP	--	90.22	--
MW-55	10/25/2022	96.13	7.78	NP	--	88.35	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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	--
MW-56	7/19/2016	94.83	4.68	NP	--	90.15	--
MW-56	8/23/2016	94.83	5.61	NP	--	89.22	--
MW-56	9/20/2016	94.83	4.86	NP	--	89.97	--
MW-56	11/8/2016	94.83	0.75	NP	--	94.08	--
MW-56	12/6/2016	94.83	0.25	NP	--	94.58	--
MW-56	3/21/2017	94.83	--	--	--	--	NG
MW-56	4/27/2017	94.83	1.20	NP	--	93.63	--
MW-56	5/30/2017	94.83	2.99	NP	--	91.84	--
MW-56	6/28/2017	94.83	4.25	NP	--	90.58	--
MW-56	8/3/2017	94.83	5.46	NP	--	89.37	--
MW-56	8/31/2017	94.83	6.09	NP	--	88.74	--
MW-56	9/26/2017	94.83	6.35	NP	--	88.48	--
MW-56	11/29/2017	94.83	1.10	NP	--	93.73	--
MW-56	2/27/2018	94.83	--	--	--	--	--
MW-56	6/12/2018	94.83	4.23	NP	--	90.60	--
MW-56	8/29/2018	94.83	6.23	NP	--	88.60	--
MW-56	11/6/2018	94.83	4.88	NP	--	89.95	--
MW-56	11/28/2018	94.83	3.87	NP	--	90.96	--
MW-56	3/6/2019	94.83	2.00	NP	--	92.83	--
MW-56	5/28/2019	94.83	4.35	NP	--	90.48	--
MW-56	9/3/2019	94.83	6.48	NP	--	88.35	--
MW-56	11/19/2019	94.83	0.65	NP	--	94.18	--
MW-56	3/3/2020	94.83	--	--	--	--	NO
MW-56	6/9/2020	94.83	3.40	NP	--	91.43	--
MW-56	8/18/2020	94.83	4.05	NP	--	90.78	--
MW-56	11/4/2020	94.83	2.92	NP	--	91.91	--
MW-56	5/11/2021	94.83	3.53	NP	--	91.30	--
MW-56	7/28/2021	94.83	4.16	NP	--	90.67	--
MW-56	10/20/2021	94.83	2.81	NP	--	92.02	--
MW-56	1/18/2022	94.83	--	--	--	--	A
MW-56	4/20/2022	94.83	1.00	NP	--	93.83	--
MW-56	8/2/2022	94.83	4.14	NP	--	90.69	--
MW-56	10/25/2022	94.83	6.30	NP	--	88.53	--
MW-56	2/15/2023	94.83	1.55	NP	--	93.28	--
MW-56	4/18/2023	94.83	1.98	NP	--	92.85	--
MW-56	7/19/2023	94.83	4.30	NP	--	90.53	--
MW-56	11/7/2023	94.83	3.68	NP	--	91.15	--
MW-56	1/24/2024	94.83	--	--	--	--	--
MW-56	4/30/2024	94.83	1.50	NP	--	93.33	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	8/7/2024	94.83	4.27	NP	--	90.56	--
MW-56	11/12/2024	94.83	0.75	NP	--	94.08	--
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	--
MW-57	12/6/2016	94.03	0.05	NP	--	93.98	--
MW-57	3/21/2017	94.03	--	--	--	--	NG
MW-57	4/27/2017	94.03	0.50	NP	--	93.53	--
MW-57	5/30/2017	94.03	2.38	NP	--	91.65	--
MW-57	6/28/2017	94.03	3.81	NP	--	90.22	--
MW-57	8/3/2017	94.03	5.02	NP	--	89.01	--
MW-57	8/31/2017	94.03	5.70	NP	--	88.33	--
MW-57	9/26/2017	94.03	5.93	NP	--	88.10	--
MW-57	11/29/2017	94.03	1.19	NP	--	92.84	--
MW-57	2/27/2018	94.03	--	--	--	--	WI
MW-57	6/12/2018	94.03	3.72	NP	--	90.31	--
MW-57	8/29/2018	94.03	5.83	NP	--	88.20	--
MW-57	11/6/2018	94.03	4.09	NP	--	89.94	--
MW-57	11/28/2018	94.03	3.27	NP	--	90.76	--
MW-57	3/6/2019	94.03	1.41	NP	--	92.62	--
MW-57	5/28/2019	94.03	3.88	NP	--	90.15	--
MW-57	9/3/2019	94.03	5.98	NP	--	88.05	--
MW-57	11/19/2019	94.03	0.50	NP	--	93.53	--
MW-57	3/3/2020	94.03	--	--	--	--	NO
MW-57	6/9/2020	94.03	2.86	NP	--	91.17	--
MW-57	8/18/2020	94.03	3.50	NP	--	90.53	--
MW-57	11/4/2020	94.03	2.67	NP	--	91.36	--
MW-57	5/11/2021	94.03	3.07	NP	--	90.96	--
MW-57	7/28/2021	94.03	3.70	NP	--	90.33	--
MW-57	10/20/2021	94.03	2.49	NP	--	91.54	--
MW-57	1/18/2022	94.03	--	--	--	--	WS

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	4/20/2022	94.03	0.04	NP	--	93.99	--
MW-57	8/2/2022	94.03	3.55	NP	--	90.48	--
MW-57	10/25/2022	94.03	5.79	NP	--	88.24	--
MW-57	2/15/2023	94.03	1.04	NP	--	92.99	--
MW-57	4/18/2023	94.03	1.54	NP	--	92.49	--
MW-57	7/19/2023	94.03	3.91	NP	--	90.12	--
MW-57	11/7/2023	94.03	3.17	NP	--	90.86	--
MW-57	1/24/2024	94.03	--	--	--	--	--
MW-57	4/30/2024	94.03	0.85	NP	--	93.18	--
MW-57	8/7/2024	94.03	4.22	NP	--	89.81	--
MW-57	11/12/2024	94.03	0.50	NP	--	93.53	--
MW-58	10/5/2015	--	--	--	--	--	NG
MW-58	10/12/2015	--	5.99	NP	--	--	--
MW-58	10/19/2015	--	6.00	NP	--	--	--
MW-58	11/2/2015	93.92	5.50	NP	--	88.42	--
MW-58	11/16/2015	93.92	2.18	NP	--	91.74	--
MW-58	11/30/2015	93.92	2.64	NP	--	91.28	--
MW-58	1/18/2016	93.92	--	--	--	--	NG
MW-58	2/1/2016	93.92	--	--	--	--	NG
MW-58	2/15/2016	93.92	--	--	--	--	NG
MW-58	3/7/2016	93.92	--	--	--	--	NG
MW-58	3/29/2016	93.92	--	--	--	--	NG
MW-58	4/5/2016	93.92	--	--	--	--	NG
MW-58	4/19/2016	93.92	2.42	NP	--	91.50	--
MW-58	5/10/2016	93.92	3.20	NP	--	90.72	--
MW-58	5/24/2016	93.92	3.60	NP	--	90.32	--
MW-58	6/7/2016	93.92	3.92	NP	--	90.00	--
MW-58	6/21/2016	93.92	3.91	NP	--	90.01	--
MW-58	7/19/2016	93.92	4.71	NP	--	89.21	--
MW-58	8/23/2016	93.92	5.60	NP	--	88.32	--
MW-58	9/20/2016	93.92	5.00	NP	--	88.92	--
MW-58	11/8/2016	93.92	1.91	NP	--	92.01	--
MW-58	12/6/2016	93.92	1.40	NP	--	92.52	--
MW-58	3/21/2017	93.92	--	--	--	--	NG
MW-58	4/27/2017	93.92	2.23	NP	--	91.69	--
MW-58	5/30/2017	93.92	3.41	NP	--	90.51	--
MW-58	6/28/2017	93.92	4.42	NP	--	89.50	--
MW-58	8/3/2017	93.92	5.44	NP	--	88.48	--
MW-58	8/31/2017	93.92	6.01	NP	--	87.91	--
MW-58	9/26/2017	93.92	6.13	NP	--	87.79	--
MW-58	11/29/2017	93.92	2.38	NP	--	91.54	--
MW-58	2/27/2018	93.92	--	--	--	--	WI
MW-58	6/12/2018	93.92	3.85	NP	--	90.07	--
MW-58	8/29/2018	93.92	5.97	NP	--	87.95	--
MW-58	11/6/2018	93.92	5.34	NP	--	88.58	--
MW-58	11/28/2018	93.92	4.74	NP	--	89.18	--
MW-58	3/6/2019	93.92	2.01	NP	--	91.91	--
MW-58	5/28/2019	93.92	4.43	NP	--	89.49	--
MW-58	9/3/2019	93.92	6.34	NP	--	87.58	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	11/19/2019	93.92	1.93	NP	--	91.99	--
MW-58	3/3/2020	93.92	--	--	--	--	NO
MW-58	6/9/2020	93.92	3.32	NP	--	90.60	--
MW-58	8/18/2020	93.92	3.91	NP	--	90.01	--
MW-58	11/4/2020	93.92	4.06	NP	--	89.86	--
MW-58	5/11/2021	93.92	3.48	NP	--	90.44	--
MW-58	7/28/2021	93.92	4.71	NP	--	89.21	--
MW-58	10/20/2021	93.92	4.40	NP	--	89.52	--
MW-58	1/18/2022	93.92	--	--	--	--	WS
MW-58	4/20/2022	93.92	1.98	NP	--	91.94	--
MW-58	8/2/2022	93.92	4.35	NP	--	89.57	--
MW-58	10/25/2022	93.92	5.93	NP	--	87.99	--
MW-58	2/15/2023	93.92	1.99	NP	--	91.93	--
MW-58	4/18/2023	93.92	2.34	NP	--	91.58	--
MW-58	7/19/2023	93.92	4.66	NP	--	89.26	--
MW-58	11/7/2023	93.92	5.47	NP	--	88.45	--
MW-58	1/24/2024	93.92	1.52	NP	--	92.40	--
MW-58	4/30/2024	93.92	2.90	NP	--	91.02	--
MW-58	8/7/2024	93.92	4.52	NP	--	89.40	--
MW-58	11/12/2024	93.92	2.09	NP	--	91.83	--
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	87.72	--
MW-59	9/26/2017	93.52	5.93	5.91	0.02	87.61	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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-59	8/29/2018	93.52	5.73	NP	--	87.79	--
MW-59	11/6/2018	93.52	5.14	NP	--	88.38	--
MW-59	11/28/2018	93.52	4.70	NP	--	88.82	--
MW-59	3/6/2019	93.52	2.68	NP	--	90.84	--
MW-59	5/28/2019	93.52	4.20	NP	--	89.32	--
MW-59	9/3/2019	93.52	6.09	NP	--	87.43	--
MW-59	11/19/2019	93.52	1.71	NP	--	91.81	--
MW-59	3/3/2020	93.52	--	--	--	--	NO
MW-59	6/9/2020	93.52	3.20	NP	--	90.32	--
MW-59	8/18/2020	93.52	3.77	NP	--	89.75	--
MW-59	11/4/2020	93.52	5.31	NP	--	88.21	--
MW-59	5/11/2021	93.52	3.27	NP	--	90.25	--
MW-59	7/28/2021	93.52	4.11	NP	--	89.41	--
MW-59	10/20/2021	93.52	4.08	NP	--	89.44	--
MW-59	1/18/2022	93.52	--	--	--	--	WS
MW-59	4/20/2022	93.52	0.40	NP	--	93.12	--
MW-59	8/2/2022	93.52	3.96	NP	--	89.56	--
MW-59	10/25/2022	93.52	5.71	NP	--	87.81	--
MW-59	2/15/2023	93.52	1.18	NP	--	92.34	--
MW-59	4/18/2023	93.52	2.25	NP	--	91.27	--
MW-59	7/19/2023	93.52	4.30	NP	--	89.22	--
MW-59	11/7/2023	93.52	5.16	NP	--	88.36	--
MW-59	1/24/2024	93.52	--	--	--	--	--
MW-59	4/30/2024	93.52	2.75	NP	--	90.77	--
MW-59	8/7/2024	93.52	4.67	NP	--	88.85	--
MW-59	11/12/2024	93.52	1.11	NP	--	92.41	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-60	11/8/2016	94.04	0.80	NP	--	93.24	--
MW-60	12/6/2016	94.04	--	--	--	--	--
MW-60	3/21/2017	94.04	--	--	--	--	NG
MW-60	4/27/2017	94.04	0.92	NP	--	93.12	--
MW-60	5/30/2017	94.04	2.61	NP	--	91.43	--
MW-60	6/28/2017	94.04	3.88	NP	--	90.16	--
MW-60	8/3/2017	94.04	4.79	NP	--	89.25	--
MW-60	8/31/2017	94.04	5.27	NP	--	88.77	--
MW-60	9/26/2017	94.04	5.53	NP	--	88.51	--
MW-60	11/29/2017	94.04	2.07	NP	--	91.97	--
MW-60	2/27/2018	94.04	--	--	--	--	WI
MW-60	6/12/2018	94.04	3.81	NP	--	90.23	--
MW-60	8/29/2018	94.04	5.35	NP	--	88.69	--
MW-60	11/6/2018	94.04	5.59	NP	--	88.45	--
MW-60	3/6/2019	94.04	2.07	NP	--	91.97	--
MW-60	5/28/2019	94.04	4.10	NP	--	89.94	--
MW-60	9/3/2019	94.04	5.71	NP	--	88.33	--
MW-60	11/19/2019	94.04	0.71	NP	--	93.33	--
MW-60	3/3/2020	94.04	--	--	--	--	NO
MW-60	6/9/2020	94.04	3.22	NP	--	90.82	--
MW-60	8/18/2020	94.04	3.19	NP	--	90.85	--
MW-60	11/4/2020	94.04	3.55	NP	--	90.49	--
MW-60	5/11/2021	94.04	3.22	NP	--	90.82	--
MW-60	7/28/2021	94.04	3.20	NP	--	90.84	--
MW-60	10/20/2021	94.04	3.34	NP	--	90.70	--
MW-60	1/18/2022	94.04	--	--	--	--	WS
MW-60	4/20/2022	94.04	0.85	NP	--	93.19	--
MW-60	8/2/2022	94.04	3.91	NP	--	90.13	--
MW-60	10/25/2022	94.04	5.52	NP	--	88.52	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-61	11/8/2016	95.03	3.46	NP	--	91.57	--
MW-61	12/6/2016	95.03	1.45	NP	--	93.58	--
MW-61	3/21/2017	95.03	0.23	NP	--	94.80	--
MW-61	4/27/2017	95.03	1.59	NP	--	93.44	--
MW-61	5/30/2017	95.03	2.93	NP	--	92.10	--
MW-61	6/28/2017	95.03	4.06	NP	--	90.97	--
MW-61	8/3/2017	95.03	4.95	NP	--	90.08	--
MW-61	8/31/2017	95.03	5.46	NP	--	89.57	--
MW-61	9/26/2017	95.03	5.83	NP	--	89.20	--
MW-61	11/29/2017	95.03	4.43	NP	--	90.60	--
MW-61	2/27/2018	95.03	0.30	NP	--	94.73	--
MW-61	6/12/2018	95.03	3.90	NP	--	91.13	--
MW-61	8/29/2018	95.03	5.52	NP	--	89.51	--
MW-61	11/6/2018	95.03	6.16	NP	--	88.87	--
MW-61	3/6/2019	95.03	2.78	NP	--	92.25	--
MW-61	5/28/2019	95.03	4.39	NP	--	90.64	--
MW-61	9/3/2019	95.03	6.07	NP	--	88.96	--
MW-61	11/19/2019	95.03	4.21	NP	--	90.82	--
MW-61	3/3/2020	95.03	--	--	--	--	NO
MW-61	6/9/2020	95.03	--	--	--	--	NO
MW-61	8/18/2020	95.03	3.79	NP	--	91.24	--
MW-61	11/4/2020	95.03	4.61	NP	--	90.42	--
MW-61	2/3/2021	95.03	0.05	NP	--	94.98	--
MW-61	7/28/2021	95.03	3.46	NP	--	91.57	--
MW-61	10/20/2021	95.03	4.16	NP	--	90.87	--
MW-61	1/18/2022	95.03	--	--	--	--	A
MW-61	4/20/2022	95.03	1.35	NP	--	93.68	--
MW-61	8/2/2022	95.03	3.81	NP	--	91.22	--
MW-61	10/25/2022	95.03	5.86	NP	--	89.17	--
MW-61	2/15/2023	95.03	2.19	NP	--	92.84	--
MW-61	4/18/2023	95.03	2.73	NP	--	92.30	--
MW-61	7/19/2023	95.03	3.58	NP	--	91.45	--
MW-61	11/7/2023	95.03	5.36	NP	--	89.67	--
MW-61	1/24/2024	95.03	0.81	NP	--	94.22	--
MW-61	4/30/2024	95.03	3.01	NP	--	92.02	--
MW-61	8/7/2024	95.03	4.17	NP	--	90.86	--
MW-61	11/12/2024	95.03	2.55	NP	--	92.48	--
MW-62	10/5/2015	--	--	--	--	--	NG
MW-62	10/12/2015	--	6.01	NP	--	--	--
MW-62	10/19/2015	--	6.00	NP	--	--	--
MW-62	11/2/2015	94.04	5.54	NP	--	88.50	--
MW-62	11/16/2015	94.04	2.27	NP	--	91.77	--
MW-62	11/30/2015	94.04	2.30	NP	--	91.74	--
MW-62	1/18/2016	94.04	0.15	NP	--	93.89	--
MW-62	2/1/2016	94.04	--	--	--	--	NG
MW-62	2/15/2016	94.04	--	--	--	--	NG
MW-62	3/7/2016	94.04	0.05	NP	--	93.99	--
MW-62	3/29/2016	94.04	0.00	NP	--	94.04	--
MW-62	4/5/2016	94.04	--	--	--	--	NG

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-62	4/19/2016	94.04	1.30	NP	--	92.74	--
MW-62	5/10/2016	94.04	2.73	NP	--	91.31	--
MW-62	5/24/2016	94.04	2.95	NP	--	91.09	--
MW-62	6/7/2016	94.04	3.50	NP	--	90.54	--
MW-62	6/21/2016	94.04	3.33	NP	--	90.71	--
MW-62	7/19/2016	94.04	4.31	NP	--	89.73	--
MW-62	8/23/2016	94.04	5.10	NP	--	88.94	--
MW-62	9/20/2016	94.04	4.86	NP	--	89.18	--
MW-62	11/8/2016	94.04	2.29	NP	--	91.75	--
MW-62	12/6/2016	94.04	0.71	NP	--	93.33	--
MW-62	3/21/2017	94.04	--	--	--	--	NG
MW-62	4/27/2017	94.04	1.05	NP	--	92.99	--
MW-62	5/30/2017	94.04	2.19	NP	--	91.85	--
MW-62	6/28/2017	94.04	3.77	NP	--	90.27	--
MW-62	8/3/2017	94.04	4.88	NP	--	89.16	--
MW-62	8/31/2017	94.04	5.56	NP	--	88.48	--
MW-62	9/26/2017	94.04	5.91	NP	--	88.13	--
MW-62	11/29/2017	94.04	3.11	NP	--	90.93	--
MW-62	2/27/2018	94.04	--	--	--	--	--
MW-62	6/12/2018	94.04	3.65	NP	--	90.39	--
MW-62	8/29/2018	94.04	5.68	NP	--	88.36	--
MW-62	11/6/2018	94.04	5.45	NP	--	88.59	--
MW-62	3/6/2019	94.04	2.21	NP	--	91.83	--
MW-62	5/28/2019	94.04	4.00	NP	--	90.04	--
MW-62	9/3/2019	94.04	6.12	NP	--	87.92	--
MW-62	11/19/2019	94.04	2.62	NP	--	91.42	--
MW-62	3/3/2020	94.04	--	--	--	--	NO
MW-62	6/9/2020	94.04	--	--	--	--	NO
MW-62	8/18/2020	94.04	3.45	NP	--	90.59	--
MW-62	11/4/2020	94.04	3.88	NP	--	90.16	--
MW-62	5/11/2021	94.04	3.21	NP	--	90.83	--
MW-62	7/28/2021	94.04	3.18	NP	--	90.86	--
MW-62	10/20/2021	94.04	3.41	NP	--	90.63	--
MW-62	1/18/2022	94.04	--	--	--	--	A
MW-62	4/20/2022	94.04	1.00	NP	--	93.04	--
MW-62	8/2/2022	94.04	3.31	NP	--	90.73	--
MW-62	10/25/2022	94.04	5.88	NP	--	88.16	--
MW-63	10/5/2015	--	--	--	--	--	NG
MW-63	10/12/2015	--	6.30	NP	--	--	--
MW-63	10/19/2015	--	5.97	NP	--	--	--
MW-63	11/2/2015	94.75	5.64	NP	--	89.11	--
MW-63	11/16/2015	94.75	1.26	NP	--	93.49	--
MW-63	11/30/2015	94.75	1.35	NP	--	93.40	--
MW-63	1/18/2016	94.75	0.15	NP	--	94.60	--
MW-63	2/1/2016	94.75	--	--	--	--	NG
MW-63	2/15/2016	94.75	--	--	--	--	NG
MW-63	3/7/2016	94.75	0.10	NP	--	94.65	--
MW-63	3/29/2016	94.75	0.00	NP	--	94.75	--
MW-63	4/5/2016	94.75	--	--	--	--	NG

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	4/19/2016	94.75	1.81	NP	--	92.94	--
MW-63	5/10/2016	94.75	3.00	NP	--	91.75	--
MW-63	5/24/2016	94.75	3.24	NP	--	91.51	--
MW-63	6/7/2016	94.75	3.70	NP	--	91.05	--
MW-63	6/21/2016	94.75	3.66	NP	--	91.09	--
MW-63	7/19/2016	94.75	4.44	NP	--	90.31	--
MW-63	8/23/2016	94.75	5.32	NP	--	89.43	--
MW-63	9/20/2016	94.75	4.88	NP	--	89.87	--
MW-63	11/8/2016	94.75	1.56	NP	--	93.19	--
MW-63	12/6/2016	94.75	0.60	NP	--	94.15	--
MW-63	3/21/2017	94.75	--	--	--	--	NG
MW-63	4/27/2017	94.75	0.95	NP	--	93.80	--
MW-63	5/30/2017	94.75	2.61	NP	--	92.14	--
MW-63	6/28/2017	94.75	4.00	NP	--	90.75	--
MW-63	8/3/2017	94.75	5.11	NP	--	89.64	--
MW-63	8/31/2017	94.75	5.74	NP	--	89.01	--
MW-63	9/26/2017	94.75	6.04	NP	--	88.71	--
MW-63	11/29/2017	94.75	2.45	NP	--	92.30	--
MW-63	2/27/2018	94.75	--	--	--	--	--
MW-63	6/12/2018	94.75	3.92	NP	--	90.83	--
MW-63	8/29/2018	94.75	5.85	NP	--	88.90	--
MW-63	11/6/2018	94.75	5.33	NP	--	89.42	--
MW-63	3/6/2019	94.75	2.34	NP	--	92.41	--
MW-63	5/28/2019	94.75	4.18	NP	--	90.57	--
MW-63	9/3/2019	94.75	6.22	NP	--	88.53	--
MW-63	11/19/2019	94.75	1.33	NP	--	93.42	--
MW-63	3/3/2020	94.75	--	--	--	--	NO
MW-63	6/9/2020	94.75	3.36	NP	--	91.39	--
MW-63	8/18/2020	94.75	3.77	NP	--	90.98	--
MW-63	11/4/2020	94.75	3.66	NP	--	91.09	--
MW-63	5/11/2021	94.75	3.43	NP	--	91.32	--
MW-63	7/28/2021	94.75	3.69	NP	--	91.06	--
MW-63	10/20/2021	94.75	3.30	NP	--	91.45	--
MW-63	1/18/2022	94.75	--	--	--	--	WS
MW-63	4/20/2022	94.75	0.07	NP	--	94.68	--
MW-63	8/2/2022	94.75	3.68	NP	--	91.07	--
MW-63	10/25/2022	94.75	5.96	NP	--	88.79	--
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
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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-64	8/29/2018	93.62	5.55	NP	--	88.07	--
MW-64	11/6/2018	93.62	3.05	NP	--	90.57	--
MW-64	3/6/2019	93.62	2.30	NP	--	91.32	--
MW-64	5/28/2019	93.62	3.92	NP	--	89.70	--
MW-64	9/3/2019	93.62	5.68	NP	--	87.94	--
MW-64	11/19/2019	93.62	0.99	NP	--	92.63	--
MW-64	3/3/2020	93.62	0.50	NP	--	93.12	--
MW-64	6/9/2020	93.62	2.70	NP	--	90.92	--
MW-64	8/18/2020	93.62	4.31	NP	--	89.31	--
MW-64	11/4/2020	93.62	2.75	NP	--	90.87	--
MW-64	2/3/2021	93.62	0.71	NP	--	92.91	--
MW-64	5/11/2021	93.62	3.16	NP	--	90.46	--
MW-64	7/28/2021	93.62	5.28	NP	--	88.34	--
MW-64	10/20/2021	93.62	3.69	NP	--	89.93	--
MW-64	1/18/2022	93.62	0.49	NP	--	93.13	--
MW-64	4/19/2022	93.62	1.75	NP	--	91.87	--
MW-64	8/2/2022	93.62	4.30	NP	--	89.32	--
MW-64	10/25/2022	93.62	5.61	NP	--	88.01	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	4/5/2016	96.42	--	--	--	--	NG
MW-65	4/19/2016	96.42	3.10	NP	--	93.32	--
MW-65	5/10/2016	96.42	4.25	NP	--	92.17	--
MW-65	5/24/2016	96.42	4.77	NP	--	91.65	--
MW-65	6/7/2016	96.42	5.08	NP	--	91.34	--
MW-65	6/21/2016	96.42	4.72	NP	--	91.70	--
MW-65	7/19/2016	96.42	5.78	NP	--	90.64	--
MW-65	8/23/2016	96.42	6.65	NP	--	89.77	--
MW-65	9/20/2016	96.42	5.92	NP	--	90.50	--
MW-65	11/8/2016	96.42	2.90	NP	--	93.52	--
MW-65	12/6/2016	96.42	2.22	NP	--	94.20	--
MW-65	3/21/2017	96.42	1.59	NP	--	94.83	--
MW-65	4/27/2017	96.42	2.85	NP	--	93.57	--
MW-65	5/30/2017	96.42	4.07	NP	--	92.35	--
MW-65	6/27/2017	96.42	5.40	NP	--	91.02	--
MW-65	8/3/2017	96.42	6.48	NP	--	89.94	--
MW-65	9/26/2017	96.42	7.32	NP	--	89.10	--
MW-65	11/29/2017	96.42	3.38	NP	--	93.04	--
MW-65	2/27/2018	96.42	2.21	NP	--	94.21	--
MW-65	6/12/2018	96.42	5.25	NP	--	91.17	--
MW-65	8/29/2018	96.42	7.06	NP	--	89.36	--
MW-65	9/21/2018	96.42	7.30	NP	--	89.12	--
MW-65	11/6/2018	96.42	6.00	NP	--	90.42	--
MW-65	11/28/2018	96.42	5.27	NP	--	91.15	--
MW-65	3/6/2019	96.42	3.80	NP	--	92.62	--
MW-65	5/28/2019	96.42	5.55	NP	--	90.87	--
MW-65	9/3/2019	96.42	7.23	NP	--	89.19	--
MW-65	11/19/2019	96.42	3.43	NP	--	92.99	--
MW-65	3/3/2020	96.42	2.18	NP	--	94.24	--
MW-65	6/9/2020	96.42	4.39	NP	--	92.03	--
MW-65	8/18/2020	96.42	5.82	NP	--	90.60	--
MW-65	11/4/2020	96.42	5.06	NP	--	91.36	--
MW-65	2/3/2021	96.42	3.01	NP	--	93.41	--
MW-65	5/11/2021	96.42	5.14	NP	--	91.28	--
MW-65	7/28/2021	96.42	6.48	NP	--	89.94	--
MW-65	10/20/2021	96.42	6.68	NP	--	89.74	--
MW-65	1/18/2022	96.42	1.80	NP	--	94.62	--
MW-65	4/19/2022	96.42	3.23	NP	--	93.19	--
MW-65	8/2/2022	96.42	5.76	NP	--	90.66	--
MW-65	10/25/2022	96.42	7.30	7.29	0.01	89.13	--
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

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	3/7/2016	95.74	1.92	NP	--	93.82	--
MW-66	3/29/2016	95.74	1.53	NP	--	94.21	--
MW-66	4/5/2016	95.74	--	--	--	--	NG
MW-66	4/19/2016	95.74	2.65	NP	--	93.09	--
MW-66	5/10/2016	95.74	4.05	NP	--	91.69	--
MW-66	5/24/2016	95.74	4.53	NP	--	91.21	--
MW-66	6/7/2016	95.74	4.86	NP	--	90.88	--
MW-66	6/21/2016	95.74	4.56	NP	--	91.18	--
MW-66	7/19/2016	95.74	5.55	NP	--	90.19	--
MW-66	8/23/2016	95.74	6.40	NP	--	89.34	--
MW-66	9/20/2016	95.74	5.62	NP	--	90.12	--
MW-66	11/8/2016	95.74	1.55	NP	--	94.19	--
MW-66	12/6/2016	95.74	1.44	NP	--	94.30	--
MW-66	3/21/2017	95.74	1.12	NP	--	94.62	--
MW-66	4/27/2017	95.74	2.40	NP	--	93.34	--
MW-66	5/30/2017	95.74	3.92	NP	--	91.82	--
MW-66	6/27/2017	95.74	5.25	NP	--	90.49	--
MW-66	8/3/2017	95.74	6.28	NP	--	89.46	--
MW-66	8/31/2017	95.74	6.90	NP	--	88.84	--
MW-66	9/26/2017	95.74	7.22	NP	--	88.52	--
MW-66	11/29/2017	95.74	2.30	NP	--	93.44	--
MW-66	2/27/2018	95.74	1.54	NP	--	94.20	--
MW-66	6/12/2018	95.74	5.12	NP	--	90.62	--
MW-66	8/29/2018	95.74	6.93	NP	--	88.81	--
MW-66	11/6/2018	95.74	5.45	NP	--	90.29	--
MW-66	3/6/2019	95.74	3.11	NP	--	92.63	--
MW-66	5/28/2019	95.74	5.35	NP	--	90.39	--
MW-66	9/3/2019	95.74	7.21	NP	--	88.53	--
MW-66	11/19/2019	95.74	2.00	NP	--	93.74	--
MW-66	3/3/2020	95.74	0.53	NP	--	95.21	--
MW-66	6/9/2020	95.74	4.18	NP	--	91.56	--
MW-66	8/19/2020	95.74	5.30	NP	--	90.44	--
MW-66	11/4/2020	95.74	4.54	NP	--	91.20	--
MW-66	2/3/2021	95.74	1.22	NP	--	94.52	--
MW-66	5/11/2021	95.74	4.46	NP	--	91.28	--
MW-66	7/28/2021	95.74	5.60	NP	--	90.14	--
MW-66	10/20/2021	95.74	4.44	NP	--	91.30	--
MW-66	1/18/2022	95.74	0.81	NP	--	94.93	--
MW-66	4/19/2022	95.74	2.61	NP	--	93.13	--
MW-66	8/2/2022	95.74	5.23	NP	--	90.51	--
MW-66	10/25/2022	95.74	7.19	NP	--	88.55	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-67	9/26/2017	95.61	6.70	NP	--	88.91	--
MW-67	11/29/2017	95.61	2.83	NP	--	92.78	--
MW-67	2/27/2018	95.61	1.15	NP	--	94.46	--
MW-67	6/12/2018	95.61	4.65	NP	--	90.96	--
MW-67	8/29/2018	95.61	6.54	NP	--	89.07	--
MW-67	11/6/2018	95.61	5.75	NP	--	89.86	--
MW-67	11/28/2018	95.61	4.78	NP	--	90.83	--
MW-67	3/6/2019	95.61	2.69	NP	--	92.92	--
MW-67	5/28/2019	95.61	4.81	NP	--	90.80	--
MW-67	9/3/2019	95.61	6.86	NP	--	88.75	--
MW-67	11/19/2019	95.61	1.67	NP	--	93.94	--
MW-67	3/3/2020	95.61	--	--	--	--	NO
MW-67	6/9/2020	95.61	--	--	--	--	NO
MW-67	8/18/2020	95.61	4.45	NP	--	91.16	--
MW-67	11/4/2020	95.61	3.89	NP	--	91.72	--
MW-67	5/11/2021	95.61	4.08	NP	--	91.53	--
MW-67	7/28/2021	95.61	4.39	NP	--	91.22	--
MW-67	10/20/2021	95.61	3.71	NP	--	91.90	--
MW-67	1/18/2022	95.61	--	--	--	--	A
MW-67	4/20/2022	95.61	1.42	NP	--	94.19	--
MW-67	8/2/2022	95.61	4.48	NP	--	91.13	--
MW-67	10/25/2022	95.61	6.59	NP	--	89.02	--
MW-67	2/15/2023	95.61	2.19	NP	--	93.42	--
MW-67	4/18/2023	95.61	2.63	NP	--	92.98	--
MW-67	7/19/2023	95.61	4.40	NP	--	91.21	--
MW-67	11/7/2023	95.61	4.73	NP	--	90.88	--
MW-67	1/24/2024	95.61	0.20	NP	--	95.41	--
MW-67	4/30/2024	95.61	2.84	NP	--	92.77	--
MW-67	8/7/2024	95.61	4.79	NP	--	90.82	--
MW-67	11/12/2024	95.61	2.12	NP	--	93.49	--
MW-68	11/7/2016	95.69	3.27	NP	--	92.42	--
MW-68	12/6/2016	95.69	2.30	NP	--	93.39	--
MW-68	3/21/2017	95.69	0.93	NP	--	94.76	--
MW-68	4/27/2017	95.69	2.32	NP	--	93.37	--
MW-68	5/30/2017	95.69	3.75	NP	--	91.94	--
MW-68	6/28/2017	95.69	4.83	NP	--	90.86	--
MW-68	8/3/2017	95.69	5.93	NP	--	89.76	--
MW-68	8/31/2017	95.69	6.54	NP	--	89.15	--
MW-68	9/26/2017	95.69	6.86	NP	--	88.83	--
MW-68	11/29/2017	95.69	3.96	NP	--	91.73	--
MW-68	2/27/2018	95.69	1.25	NP	--	94.44	--
MW-68	6/12/2018	95.69	4.75	NP	--	90.94	--
MW-68	8/29/2018	95.69	6.65	NP	--	89.04	--
MW-68	11/6/2018	95.69	6.20	NP	--	89.49	--
MW-68	3/6/2019	95.69	3.15	NP	--	92.54	--
MW-68	5/28/2019	95.69	5.09	NP	--	90.60	--
MW-68	9/3/2019	95.69	6.06	NP	--	89.63	--
MW-68	10/9/2019	95.69	6.20	NP	--	89.49	--
MW-68	11/19/2019	95.69	3.30	NP	--	92.39	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-68	3/3/2020	95.69	0.60	NP	--	95.09	--
MW-68	6/9/2020	95.69	4.35	NP	--	91.34	--
MW-68	8/18/2020	95.69	4.72	NP	--	90.97	--
MW-68	11/4/2020	95.69	4.86	NP	--	90.83	--
MW-68	2/3/2021	95.69	0.51	NP	--	95.18	--
MW-68	5/11/2021	95.69	4.30	NP	--	91.39	--
MW-68	7/28/2021	95.69	4.58	NP	--	91.11	--
MW-68	10/20/2021	95.69	4.50	NP	--	91.19	--
MW-68	1/18/2022	95.69	--	--	--	--	A
MW-68	4/20/2022	95.69	2.20	NP	--	93.49	--
MW-68	8/2/2022	95.69	4.52	NP	--	91.17	--
MW-68	10/25/2022	95.69	6.81	NP	--	88.88	--
MW-68	2/15/2023	95.69	2.88	NP	--	92.81	--
MW-68	4/18/2023	95.69	3.24	NP	--	92.45	--
MW-68	7/19/2023	95.69	4.62	NP	--	91.07	--
MW-68	11/7/2023	95.69	5.65	NP	--	90.04	--
MW-68	1/24/2024	95.69	1.42	NP	--	94.27	--
MW-68	4/30/2024	95.69	3.38	NP	--	92.31	--
MW-68	8/7/2024	95.69	4.86	NP	--	90.83	--
MW-68	11/12/2024	95.69	3.24	NP	--	92.45	--
MW-69	11/8/2016	95.49	3.35	NP	--	92.14	--
MW-69	12/6/2016	95.49	1.67	NP	--	93.82	--
MW-69	3/21/2017	95.49	0.65	NP	--	94.84	--
MW-69	4/27/2017	95.49	2.15	NP	--	93.34	--
MW-69	5/30/2017	95.49	3.52	NP	--	91.97	--
MW-69	6/28/2017	95.49	4.61	NP	--	90.88	--
MW-69	8/3/2017	95.49	5.75	NP	--	89.74	--
MW-69	8/31/2017	95.49	6.44	NP	--	89.05	--
MW-69	9/26/2017	95.49	6.79	NP	--	88.70	--
MW-69	11/29/2017	95.49	4.06	NP	--	91.43	--
MW-69	2/27/2018	95.49	0.85	NP	--	94.64	--
MW-69	6/12/2018	95.49	4.53	NP	--	90.96	--
MW-69	8/29/2018	95.49	6.56	NP	--	88.93	--
MW-69	11/6/2018	95.49	6.37	NP	--	89.12	--
MW-69	3/6/2019	95.49	3.17	NP	--	92.32	--
MW-69	5/28/2019	95.49	4.91	NP	--	90.58	--
MW-69	9/3/2019	95.49	6.97	NP	--	88.52	--
MW-69	10/9/2019	95.49	6.25	NP	--	89.24	--
MW-69	11/19/2019	95.49	3.55	NP	--	91.94	--
MW-69	3/3/2020	95.49	0.40	NP	--	95.09	--
MW-69	6/9/2020	95.49	--	--	--	--	NO
MW-69	8/18/2020	95.49	4.41	NP	--	91.08	--
MW-69	11/4/2020	95.49	4.82	NP	--	90.67	--
MW-69	2/3/2021	95.49	0.30	NP	--	95.19	--
MW-69	5/11/2021	95.49	4.08	NP	--	91.41	--
MW-69	7/28/2021	95.49	4.15	NP	--	91.34	--
MW-69	10/20/2021	95.49	4.35	NP	--	91.14	--
MW-69	1/18/2022	95.49	0.01	NP	--	95.48	--
MW-69	4/20/2022	95.49	2.09	NP	--	93.40	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	8/2/2022	95.49	4.20	NP	--	91.29	--
MW-69	10/25/2022	95.49	6.75	NP	--	88.74	--
MW-69	2/15/2023	95.49	2.64	NP	--	92.85	--
MW-69	4/18/2023	95.49	3.13	NP	--	92.36	--
MW-69	7/19/2023	95.49	4.23	NP	--	91.26	--
MW-69	11/7/2023	95.49	5.56	NP	--	89.93	--
MW-69	1/24/2024	95.49	1.26	NP	--	94.23	--
MW-69	4/30/2024	95.49	3.29	NP	--	92.20	--
MW-69	8/7/2024	95.49	5.13	NP	--	90.36	--
MW-69	11/12/2024	95.49	2.85	NP	--	92.64	--
MW-70	11/8/2016	95.68	3.77	NP	--	91.91	--
MW-70	12/6/2016	95.68	1.88	NP	--	93.80	--
MW-70	3/21/2017	95.68	0.63	NP	--	95.05	--
MW-70	4/27/2017	95.68	2.01	NP	--	93.67	--
MW-70	5/30/2017	95.68	3.53	NP	--	92.15	--
MW-70	6/28/2017	95.68	4.67	NP	--	91.01	--
MW-70	8/3/2017	95.68	5.53	NP	--	90.15	--
MW-70	8/31/2017	95.68	6.03	NP	--	89.65	--
MW-70	9/26/2017	95.68	6.31	NP	--	89.37	--
MW-70	11/29/2017	95.68	4.85	NP	--	90.83	--
MW-70	2/27/2018	95.68	0.76	NP	--	94.92	--
MW-70	6/12/2018	95.68	4.55	NP	--	91.13	--
MW-70	8/29/2018	95.68	6.09	NP	--	89.59	--
MW-70	11/6/2018	95.68	6.54	NP	--	89.14	--
MW-70	3/6/2019	95.68	3.35	NP	--	92.33	--
MW-70	5/28/2019	95.68	5.03	NP	--	90.65	--
MW-70	9/3/2019	95.68	6.51	NP	--	89.17	--
MW-70	11/19/2019	95.68	4.10	NP	--	91.58	--
MW-70	3/3/2020	95.68	--	--	--	--	NO
MW-70	6/9/2020	95.68	--	--	--	--	NO
MW-70	8/18/2020	95.68	4.35	NP	--	91.33	--
MW-70	11/4/2020	95.68	5.17	NP	--	90.51	--
MW-70	2/3/2021	95.68	0.50	NP	--	95.18	--
MW-70	5/11/2021	95.68	4.18	NP	--	91.50	--
MW-70	7/28/2021	95.68	4.06	NP	--	91.62	--
MW-70	10/20/2021	95.68	4.83	NP	--	90.85	--
MW-70	1/18/2022	95.68	--	--	--	--	A
MW-70	4/20/2022	95.68	2.01	NP	--	93.67	--
MW-70	8/2/2022	95.68	4.58	NP	--	91.10	--
MW-70	10/25/2022	95.68	6.36	NP	--	89.32	--
MW-70	2/15/2023	95.68	2.78	NP	--	92.90	--
MW-70	4/18/2023	95.68	3.35	NP	--	92.33	--
MW-70	7/19/2023	95.68	4.30	NP	--	91.38	--
MW-70	11/7/2023	95.68	6.12	NP	--	89.56	--
MW-70	1/24/2024	95.68	1.53	NP	--	94.15	--
MW-70	4/30/2024	95.68	3.60	NP	--	92.08	--
MW-70	8/7/2024	95.68	2.56	NP	--	93.12	--
MW-70	11/12/2024	95.68	3.04	NP	--	92.64	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.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	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	--
MW-71	2/27/2018	93.62	2.38	NP	--	91.24	--
MW-71	6/12/2018	93.62	4.38	NP	--	89.24	--
MW-71	8/29/2018	93.62	5.81	NP	--	87.81	--
MW-71	11/6/2018	93.62	3.38	NP	--	90.24	--
MW-71	3/6/2019	93.62	2.53	NP	--	91.09	--
MW-71	5/28/2019	93.62	4.33	NP	--	89.29	--
MW-71	9/3/2019	93.62	6.08	NP	--	87.54	--
MW-71	11/19/2019	93.62	2.31	NP	--	91.31	--
MW-71	3/3/2020	93.62	1.45	NP	--	92.17	--
MW-71	6/9/2020	93.62	3.15	NP	--	90.47	--
MW-71	8/18/2020	93.62	4.76	NP	--	88.86	--
MW-71	11/4/2020	93.62	3.24	NP	--	90.38	--
MW-71	2/3/2021	93.62	1.14	NP	--	92.48	--
MW-71	5/11/2021	93.62	3.68	NP	--	89.94	--
MW-71	7/28/2021	93.62	5.62	NP	--	88.00	--
MW-71	10/20/2021	93.62	4.50	NP	--	89.12	--
MW-71	1/18/2022	93.62	1.30	NP	--	92.32	--
MW-71	4/19/2022	93.62	1.65	NP	--	91.97	--
MW-71	8/2/2022	93.62	4.83	NP	--	88.79	--
MW-71	10/25/2022	93.62	5.65	NP	--	87.97	--
MW-71	2/15/2023	93.62	2.60	NP	--	91.02	--
MW-71	4/18/2023	93.62	2.62	NP	--	91.00	--
MW-71	7/19/2023	93.62	5.48	NP	--	88.14	--
MW-71	11/7/2023	93.62	4.27	NP	--	89.35	--
MW-71	1/24/2024	93.62	2.29	NP	--	91.33	--
MW-71	4/30/2024	93.62	2.73	NP	--	90.89	--
MW-71	8/7/2024	93.62	5.26	NP	--	88.36	--
MW-71	11/12/2024	93.62	2.70	NP	--	90.92	--
MW-72	10/26/2020	95.68	5.36	NP	--	90.32	--
MW-72	11/4/2020	95.68	6.27	NP	--	89.41	--
MW-72	2/3/2021	95.68	2.31	NP	--	93.37	--
MW-72	5/12/2021	95.68	5.10	NP	--	90.58	--
MW-72	7/28/2021	95.68	7.70	NP	--	87.98	--
MW-72	10/20/2021	--	--	--	--	--	--
MW-72	1/19/2022	95.68	1.60	NP	--	94.08	--
MW-72	4/20/2022	95.68	3.97	NP	--	91.71	--
MW-72	8/2/2022	95.68	6.46	NP	--	89.22	--
MW-72	10/25/2022	95.68	7.61	NP	--	88.07	--
MW-72	2/15/2023	95.68	4.19	NP	--	91.49	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-72	4/18/2023	95.68	4.42	NP	--	91.26	--
MW-72	7/19/2023	95.68	7.22	NP	--	88.46	--
MW-72	11/7/2023	95.68	7.66	NP	--	88.02	--
MW-72	1/24/2024	95.68	4.04	NP	--	91.64	--
MW-72	4/30/2024	95.68	4.93	NP	--	90.75	--
MW-72	8/7/2024	95.68	7.48	NP	--	88.20	--
MW-72	11/12/2024	95.68	4.98	NP	--	90.70	--
MW-73	10/26/2020	95.09	4.96	NP	--	90.13	--
MW-73	11/4/2020	95.09	4.88	NP	--	90.21	--
MW-73	2/3/2021	95.09	1.12	NP	--	93.97	--
MW-73	5/11/2021	95.09	4.16	NP	--	90.93	--
MW-73	7/28/2021	95.09	7.22	NP	--	87.87	--
MW-73	10/20/2021	95.09	4.07	NP	--	91.02	--
MW-73	1/18/2022	95.09	0.40	NP	--	94.69	--
MW-73	4/20/2022	95.09	2.43	NP	--	92.66	--
MW-73	8/2/2022	95.09	4.70	NP	--	90.39	--
MW-73	10/25/2022	95.09	6.61	NP	--	88.48	--
MW-73	2/15/2023	95.09	2.87	NP	--	92.22	--
MW-73	4/18/2023	95.09	3.36	NP	--	91.73	--
MW-73	7/19/2023	95.09	3.84	NP	--	91.25	--
MW-73	11/7/2023	95.09	5.49	NP	--	89.62	--
MW-73	1/24/2024	95.09	1.65	NP	--	93.44	--
MW-73	4/30/2024	95.09	3.75	NP	--	91.34	--
MW-73	8/7/2024	95.09	6.59	NP	--	88.50	--
MW-73	11/12/2024	95.09	2.96	NP	--	92.13	--
MW-74	10/26/2020	94.99	4.89	NP	--	90.10	--
MW-74	11/4/2020	94.99	4.81	NP	--	90.18	--
MW-74	2/3/2021	94.99	2.86	NP	--	92.13	--
MW-74	5/11/2021	94.99	4.56	NP	--	90.43	--
MW-74	7/28/2021	94.99	6.23	NP	--	88.76	--
MW-74	10/20/2021	94.99	5.68	NP	--	89.31	--
MW-74	1/18/2022	94.99	2.64	NP	--	92.35	--
MW-74	4/20/2022	94.99	3.95	NP	--	91.04	--
MW-74	8/2/2022	94.99	5.41	NP	--	89.58	--
MW-74	10/25/2022	94.99	6.04	NP	--	88.95	--
MW-74	2/15/2023	94.99	4.13	NP	--	90.86	--
MW-74	4/18/2023	94.99	4.29	NP	--	90.70	--
MW-74	7/19/2023	94.99	6.17	NP	--	88.82	--
MW-74	11/7/2023	94.99	6.02	NP	--	88.97	--
MW-74	1/24/2024	94.99	4.18	NP	--	90.81	--
MW-74	4/30/2024	94.99	4.69	NP	--	90.30	--
MW-74	8/7/2024	94.99	6.14	NP	--	88.85	--
MW-74	11/12/2024	94.99	4.64	NP	--	90.35	--
MW-75	10/26/2020	96.07	5.98	NP	--	90.09	--
MW-75	11/4/2020	96.07	5.89	NP	--	90.18	--
MW-75	2/3/2021	96.07	1.65	NP	--	94.42	--
MW-75	7/28/2021	96.07	5.03	NP	--	91.04	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-75	10/20/2021	96.07	5.10	NP	--	90.97	--
MW-75	1/18/2022	96.07	1.02	NP	--	95.05	--
MW-75	4/20/2022	96.07	3.63	NP	--	92.44	--
MW-75	8/2/2022	96.07	5.41	NP	--	90.66	--
MW-75	10/25/2022	96.07	7.54	NP	--	88.53	--
MW-75	2/15/2023	96.07	3.80	NP	--	92.27	--
MW-75	4/18/2023	96.07	4.36	NP	--	91.71	--
MW-75	7/19/2023	96.07	4.80	NP	--	91.27	--
MW-75	11/7/2023	96.07	6.74	NP	--	89.33	--
MW-75	1/24/2024	96.07	2.80	NP	--	93.27	--
MW-75	4/30/2024	96.07	4.81	NP	--	91.26	--
MW-75	8/7/2024	96.07	6.41	NP	--	89.66	--
MW-75	11/12/2024	96.07	4.08	NP	--	91.99	--
MW-76	10/26/2020	95.77	5.15	NP	--	90.62	--
MW-76	11/4/2020	95.77	5.31	NP	--	90.46	--
MW-76	2/3/2021	95.77	0.69	NP	--	95.08	--
MW-76	5/11/2021	95.77	4.42	NP	--	91.35	--
MW-76	7/28/2021	95.77	4.26	NP	--	91.51	--
MW-76	10/20/2021	95.77	5.13	NP	--	90.64	--
MW-76	1/18/2022	95.77	--	--	--	--	A
MW-76	4/20/2022	95.77	2.06	NP	--	93.71	--
MW-76	8/2/2022	95.77	4.90	NP	--	90.87	--
MW-76	10/25/2022	95.77	6.72	NP	--	89.05	--
MW-76	2/15/2023	95.77	2.92	NP	--	92.85	--
MW-76	4/18/2023	95.77	3.48	NP	--	92.29	--
MW-76	7/19/2023	95.77	4.52	NP	--	91.25	--
MW-76	11/7/2023	95.77	6.39	NP	--	89.38	--
MW-76	1/24/2024	95.77	2.63	NP	--	93.14	--
MW-76	4/30/2024	95.77	3.73	NP	--	92.04	--
MW-76	8/7/2024	95.77	3.12	NP	--	92.65	--
MW-76	11/12/2024	95.77	3.25	NP	--	92.52	--
MW-77	10/26/2020	95.18	4.97	NP	--	90.21	--
MW-77	11/4/2020	95.18	5.32	NP	--	89.86	--
MW-77	2/3/2021	95.18	0.79	NP	--	94.39	--
MW-77	5/11/2021	95.18	4.25	NP	--	90.93	--
MW-77	7/28/2021	95.18	5.37	NP	--	89.81	--
MW-77	10/20/2021	95.18	5.20	NP	--	89.98	--
MW-77	1/18/2022	95.18	0.10	NP	--	95.08	--
MW-77	4/20/2022	95.18	1.57	NP	--	93.61	--
MW-77	8/2/2022	95.18	5.60	NP	--	89.58	--
MW-77	10/25/2022	95.18	6.95	NP	--	88.23	--
MW-77	2/15/2023	95.18	3.67	NP	--	91.51	--
MW-77	4/18/2023	95.18	3.07	NP	--	92.11	--
MW-77	7/19/2023	95.18	5.13	NP	--	90.05	--
MW-77	11/7/2023	95.18	6.08	NP	--	89.10	--
MW-77	1/24/2024	95.18	0.75	NP	--	94.43	--
MW-77	4/30/2024	95.18	3.42	NP	--	91.76	--
MW-77	8/7/2024	95.18	4.30	NP	--	90.88	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-77	11/12/2024	95.18	2.21	NP	--	92.97	--
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	--	--	--	--	--	NM
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	--	--	--
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	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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	--	--	--
PW-1	4/27/2017	--	5.72	NP	--	--	--
PW-1	5/30/2017	--	6.56	NP	--	--	--
PW-1	6/28/2017	--	7.70	NP	--	--	--
PW-1	8/3/2017	--	8.76	NP	--	--	--
PW-1	8/31/2017	--	9.38	NP	--	--	--
PW-1	9/26/2017	--	9.66	NP	--	--	--
PW-1	11/29/2017	--	6.21	NP	--	--	--
PW-1	2/27/2018	--	4.86	NP	--	--	--
PW-1	8/29/2018	--	9.38	NP	--	--	--
PW-1	11/6/2018	--	8.11	NP	--	--	--
PW-1	3/6/2019	--	6.24	NP	--	--	--
PW-1	5/28/2019	--	7.84	NP	--	--	--
PW-1	9/3/2019	--	9.47	NP	--	--	--
PW-1	11/19/2019	--	6.07	NP	--	--	--
PW-1	3/3/2020	--	4.04	NP	--	--	--
PW-1	6/9/2020	--	6.64	NP	--	--	--
PW-1	8/18/2020	--	8.20	NP	--	--	--
PW-1	11/4/2020	--	7.58	NP	--	--	--
PW-1	2/3/2021	--	3.86	NP	--	--	--
PW-1	5/11/2021	--	7.09	NP	--	--	--
PW-1	7/28/2021	--	8.85	NP	--	--	--
PW-1	10/20/2021	--	7.91	NP	--	--	--
PW-1	1/18/2022	--	3.61	NP	--	--	--
PW-1	4/19/2022	--	5.84	NP	--	--	--
PW-1	8/2/2022	--	8.01	NP	--	--	--
PW-1	10/25/2022	--	9.71	NP	--	--	--

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

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16292 Ovenell Road, Mount Vernon, Washington

Well 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	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	--	--	--
PW-2	6/21/2016	--	7.70	NP	--	--	--
PW-2	7/19/2016	--	8.23	NP	--	--	--
PW-2	8/23/2016	--	9.01	NP	--	--	--
PW-2	9/20/2016	--	8.91	NP	--	--	--
PW-2	11/8/2016	--	6.22	NP	--	--	--
PW-2	12/6/2016	--	5.35	NP	--	--	--
PW-2	3/21/2017	--	4.55	NP	--	--	--
PW-2	4/27/2017	--	6.23	NP	--	--	--
PW-2	5/30/2017	--	7.00	NP	--	--	--
PW-2	6/28/2017	--	8.07	NP	--	--	--
PW-2	8/3/2017	--	9.08	NP	--	--	--
PW-2	8/31/2017	--	9.60	NP	--	--	--
PW-2	9/26/2017	--	9.68	NP	--	--	--
PW-2	11/29/2017	--	6.74	NP	--	--	--
PW-2	2/27/2018	--	5.34	NP	--	--	--
PW-2	8/29/2018	--	9.34	NP	--	--	--
PW-2	11/6/2018	--	8.49	NP	--	--	--
PW-2	3/6/2019	--	6.72	NP	--	--	--
PW-2	5/28/2019	--	8.24	NP	--	--	--
PW-2	9/3/2019	--	10.43	NP	--	--	--
PW-2	11/19/2019	--	6.90	NP	--	--	--
PW-2	3/3/2020	--	4.61	NP	--	--	--
PW-2	6/9/2020	--	7.18	NP	--	--	--
PW-2	8/18/2020	--	8.60	NP	--	--	--
PW-2	11/4/2020	--	8.19	NP	--	--	--
PW-2	2/3/2021	--	4.13	NP	--	--	--
PW-2	5/11/2021	--	7.56	NP	--	--	--
PW-2	7/28/2021	--	9.20	NP	--	--	--
PW-2	10/20/2021	--	8.44	NP	--	--	--
PW-2	1/18/2022	--	4.23	NP	--	--	--
PW-2	4/19/2022	--	6.35	NP	--	--	--
PW-2	8/2/2022	--	8.35	NP	--	--	--
PW-2	10/25/2022	--	9.68	NP	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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	--	--	--	--	--	NM
PW-3	12/22/2014	--	4.74	NP	--	--	--
PW-3	12/29/2014	--	4.34	NP	--	--	--
PW-3	1/5/2015	--	2.05	NP	--	--	--
PW-3	1/12/2015	--	4.49	NP	--	--	--
PW-3	1/19/2015	--	4.13	NP	--	--	--
PW-3	1/26/2015	--	4.02	NP	--	--	--
PW-3	2/2/2015	--	3.83	NP	--	--	--
PW-3	2/9/2015	--	3.97	NP	--	--	--
PW-3	2/16/2015	--	4.42	NP	--	--	--
PW-3	2/23/2015	--	4.96	NP	--	--	--
PW-3	3/2/2015	--	4.85	NP	--	--	--
PW-3	3/9/2015	--	5.49	NP	--	--	--
PW-3	3/16/2015	--	4.89	NP	--	--	--
PW-3	3/23/2015	--	4.54	NP	--	--	--
PW-3	3/30/2015	--	4.68	NP	--	--	--
PW-3	4/6/2015	--	5.37	NP	--	--	--
PW-3	4/22/2015	--	6.22	NP	--	--	--
PW-3	5/4/2015	--	6.44	NP	--	--	--
PW-3	5/18/2015	--	6.85	NP	--	--	--
PW-3	6/1/2015	--	7.40	NP	--	--	--
PW-3	6/15/2015	--	7.77	NP	--	--	--
PW-3	6/19/2015	--	7.88	NP	--	--	--
PW-3	6/29/2015	--	8.15	NP	--	--	--
PW-3	7/13/2015	--	8.48	NP	--	--	--
PW-3	7/28/2015	--	8.80	NP	--	--	--
PW-3	8/10/2015	--	9.09	NP	--	--	--
PW-3	8/24/2015	--	--	--	--	--	WI
PW-3	9/8/2015	--	--	--	--	--	WI
PW-3	9/21/2015	--	8.79	NP	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-3	10/5/2015	--	8.93	NP	--	--	--
PW-3	10/12/2015	--	8.96	NP	--	--	--
PW-3	10/19/2015	--	9.03	NP	--	--	--
PW-3	11/2/2015	--	--	--	--	--	NG
PW-3	11/16/2015	--	--	--	--	--	NG
PW-3	11/30/2015	--	--	--	--	--	--
PW-3	1/18/2016	--	5.05	NP	--	--	--
PW-3	2/1/2016	--	4.06	NP	--	--	--
PW-3	2/15/2016	--	3.04	NP	--	--	--
PW-3	3/7/2016	--	4.85	NP	--	--	--
PW-3	3/29/2016	--	4.34	NP	--	--	--
PW-3	4/5/2016	--	--	--	--	--	NG
PW-3	4/19/2016	--	5.48	NP	--	--	--
PW-3	5/10/2016	--	6.34	NP	--	--	--
PW-3	5/24/2016	--	6.80	NP	--	--	--
PW-3	6/7/2016	--	7.11	NP	--	--	--
PW-3	6/21/2016	--	6.79	NP	--	--	--
PW-3	7/19/2016	--	7.71	NP	--	--	--
PW-3	8/23/2016	--	8.62	NP	--	--	--
PW-3	9/20/2016	--	8.00	NP	--	--	--
PW-3	11/8/2016	--	5.25	NP	--	--	--
PW-3	12/6/2016	--	4.46	NP	--	--	--
PW-3	3/21/2017	--	3.62	NP	--	--	--
PW-3	4/27/2017	--	5.35	NP	--	--	--
PW-3	5/30/2017	--	6.18	NP	--	--	--
PW-3	6/28/2017	--	7.34	NP	--	--	--
PW-3	8/3/2017	--	8.45	NP	--	--	--
PW-3	8/31/2017	--	9.08	NP	--	--	--
PW-3	9/26/2017	--	9.37	NP	--	--	--
PW-3	11/29/2017	--	5.77	NP	--	--	--
PW-3	2/27/2018	--	4.45	NP	--	--	--
PW-3	8/29/2018	--	9.10	NP	--	--	--
PW-3	11/6/2018	--	7.72	NP	--	--	--
PW-3	3/6/2019	--	5.79	NP	--	--	--
PW-3	5/28/2019	--	7.46	NP	--	--	--
PW-3	9/3/2019	--	9.02	NP	--	--	--
PW-3	11/19/2019	--	5.98	NP	--	--	--
PW-3	3/3/2020	--	3.75	NP	--	--	--
PW-3	6/9/2020	--	6.25	NP	--	--	--
PW-3	8/18/2020	--	7.86	NP	--	--	--
PW-3	11/4/2020	--	7.20	7.19	0.01	--	--
PW-3	2/3/2021	--	3.43	NP	--	--	--
PW-3	5/11/2021	--	6.70	NP	--	--	--
PW-3	7/28/2021	--	8.54	NP	--	--	--
PW-3	10/20/2021	--	7.49	NP	--	--	--
PW-3	1/18/2022	--	3.38	NP	--	--	--
PW-3	4/19/2022	--	5.43	NP	--	--	--
PW-3	8/2/2022	--	7.69	NP	--	--	--
PW-3	10/25/2022	--	--	--	--	--	Dry

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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	92.75	--
PW-4	2/28/2001	99.94	4.70	NP	--	95.24	--
PW-4	5/30/2001	99.94	5.37	NP	--	94.57	--
PW-4	8/22/2001	99.94	7.31	7.23	0.08	92.69	--
PW-4	11/21/2001	99.94	4.94	NP	--	95.00	--
PW-4	2/20/2002	99.94	3.85	NP	--	96.09	--
PW-4	5/16/2002	99.94	4.64	NP	--	95.30	--
PW-4	8/2/2002	99.94	6.51	6.50	0.01	93.44	--
PW-4	12/19/2002	99.94	7.04	NP	--	92.90	--
PW-4	5/19/2003	99.94	5.57	5.41	0.16	94.49	--
PW-4	11/13/2003	99.94	6.12	NP	--	93.82	--
PW-4	6/4/2004	99.94	5.57	5.39	0.18	94.51	--
PW-4	10/7/2004	99.94	6.17	6.05	0.12	93.86	--
PW-4	4/28/2005	99.94	4.31	4.21	0.10	95.71	--
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
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	--	--	--	--	NM
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	95.85	--
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	94.35	--
PW-4	6/1/2015	99.94	8.21	NP	--	91.73	--
PW-4	6/15/2015	99.94	6.58	NP	--	93.36	--
PW-4	6/19/2015	99.94	6.97	NP	--	92.97	--
PW-4	6/29/2015	99.94	7.15	NP	--	92.79	--
PW-4	7/13/2015	99.94	7.47	NP	--	92.47	--
PW-4	7/28/2015	99.94	7.72	NP	--	92.22	--
PW-4	8/24/2015	99.94	8.05	NP	--	91.89	--
PW-4	9/8/2015	99.94	7.74	NP	--	92.20	--
PW-4	9/21/2015	99.94	7.58	NP	--	92.36	--
PW-4	10/5/2015	99.94	7.75	NP	--	92.19	--
PW-4	10/12/2015	99.94	7.81	NP	--	92.13	--
PW-4	10/19/2015	99.94	7.80	NP	--	92.14	--
PW-4	11/2/2015	99.94	--	--	--	--	NG
PW-4	11/16/2015	99.94	4.44	NP	--	95.50	--
PW-4	11/30/2015	99.94	--	--	--	--	--
PW-4	1/18/2016	99.94	3.97	NP	--	95.97	--
PW-4	2/1/2016	99.94	2.90	NP	--	97.04	--
PW-4	2/15/2016	99.94	2.15	2.14	0.01	97.80	--
PW-4	3/7/2016	99.94	3.60	NP	--	96.34	--
PW-4	3/29/2016	99.94	3.26	3.25	0.01	96.69	--
PW-4	4/5/2016	99.94	--	--	--	--	NG
PW-4	4/19/2016	99.94	4.20	4.11	0.09	95.81	--
PW-4	5/10/2016	99.94	--	--	--	--	WI
PW-4	5/24/2016	99.94	5.83	NP	--	94.11	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	6/7/2016	99.94	5.92	NP	--	94.02	--
PW-4	6/21/2016	99.94	5.53	NP	--	94.41	--
PW-4	7/19/2016	99.94	6.52	NP	--	93.42	--
PW-4	8/23/2016	99.94	7.44	7.43	0.01	92.51	--
PW-4	9/20/2016	99.94	7.14	NP	--	92.80	--
PW-4	11/8/2016	99.94	4.25	NP	--	95.69	--
PW-4	12/6/2016	99.94	3.11	NP	--	96.83	--
PW-4	3/21/2017	99.94	2.37	NP	--	97.57	--
PW-4	4/27/2017	99.94	4.44	NP	--	95.50	--
PW-4	5/30/2017	99.94	5.21	NP	--	94.73	--
PW-4	6/28/2017	99.94	6.22	NP	--	93.72	--
PW-4	8/3/2017	99.94	7.28	NP	--	92.66	--
PW-4	8/31/2017	99.94	7.89	NP	--	92.05	--
PW-4	9/26/2017	99.94	8.14	NP	--	91.80	--
PW-4	11/29/2017	99.94	4.31	NP	--	95.63	--
PW-4	2/27/2018	99.94	3.65	NP	--	96.29	--
PW-4	8/29/2018	99.94	7.89	NP	--	92.05	--
PW-4	9/21/2018	99.94	8.06	NP	--	91.88	--
PW-4	11/6/2018	99.94	6.42	NP	--	93.52	--
PW-4	11/28/2018	99.94	6.41	NP	--	93.53	--
PW-4	3/6/2019	99.94	4.73	4.70	0.03	95.23	--
PW-4	5/28/2019	99.94	7.65	NP	--	92.29	--
PW-4	9/3/2019	99.94	8.39	NP	--	91.55	--
PW-4	11/19/2019	99.94	4.91	NP	--	95.03	--
PW-4	3/3/2020	99.94	2.68	NP	--	97.26	--
PW-4	6/9/2020	99.94	5.61	NP	--	94.33	--
PW-4	8/18/2020	99.94	6.56	NP	--	93.38	--
PW-4	11/4/2020	99.94	6.15	NP	--	93.79	--
PW-4	2/3/2021	99.94	2.19	NP	--	97.75	--
PW-4	5/11/2021	99.94	5.56	5.54	0.02	94.40	--
PW-4	7/28/2021	99.94	7.36	NP	--	92.58	--
PW-4	10/20/2021	99.94	7.58	NP	--	92.36	--
PW-4	1/18/2022	99.94	2.31	NP	--	97.63	--
PW-4	4/19/2022	99.94	4.15	NP	--	95.79	--
PW-4	8/2/2022	99.94	6.52	NP	--	93.42	--
PW-4	10/25/2022	99.94	8.53	NP	--	91.41	--
PW-5A	3/17/2010	--	4.81	NP	--	--	--
PW-5A	9/15/2010	--	7.36	NP	--	--	--
PW-5A	3/4/2011	--	3.11	NP	--	--	--
PW-5A	8/24/2011	--	7.32	NP	--	--	--
PW-5A	5/10/2012	--	3.67	NP	--	--	--
PW-5A	11/15/2012	--	5.92	NP	--	--	--
PW-5A	3/27/2013	--	4.40	NP	--	--	--
PW-5A	12/17/2013	--	6.22	NP	--	--	--
PW-5A	6/24/2014	--	6.13	NP	--	--	--
PW-5A	11/7/2014	--	4.45	NP	--	--	--
PW-5A	11/8/2014	--	--	--	--	--	NG
PW-5A	11/9/2014	--	--	--	--	--	NG
PW-5A	11/10/2014	--	4.89	NP	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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	--	--	--	--	--	NM
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
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	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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-5A	8/29/2018	--	8.40	NP	--	--	--
PW-5A	11/6/2018	--	6.92	NP	--	--	--
PW-5A	3/6/2019	--	5.11	NP	--	--	--
PW-5A	5/28/2019	--	6.74	NP	--	--	--
PW-5A	9/3/2019	--	8.55	NP	--	--	--
PW-5A	11/19/2019	--	4.76	NP	--	--	--
PW-5A	3/3/2020	--	2.35	NP	--	--	--
PW-5A	6/9/2020	--	5.33	NP	--	--	--
PW-5A	8/18/2020	--	7.14	NP	--	--	--
PW-5A	11/4/2020	--	6.33	NP	--	--	--
PW-5A	2/3/2021	--	2.66	NP	--	--	--
PW-5A	5/11/2021	--	6.01	NP	--	--	--
PW-5A	7/28/2021	--	7.79	NP	--	--	--
PW-5A	10/20/2021	--	8.65	NP	--	--	--
PW-5A	1/18/2022	--	2.65	NP	--	--	--
PW-5A	4/19/2022	--	4.80	NP	--	--	--
PW-5A	8/2/2022	--	6.97	NP	--	--	--
PW-5A	10/25/2022	--	8.81	NP	--	--	--
PW-6	1/20/2009	--	4.98	NP	--	--	--
PW-6	3/17/2010	--	6.66	NP	--	--	--
PW-6	9/15/2010	--	8.56	NP	--	--	--
PW-6	3/4/2011	--	4.79	NP	--	--	--
PW-6	8/24/2011	--	8.55	NP	--	--	--
PW-6	5/10/2012	--	5.22	NP	--	--	--
PW-6	11/15/2012	--	7.56	NP	--	--	--
PW-6	3/27/2013	--	5.65	NP	--	--	--
PW-6	12/17/2013	--	7.35	NP	--	--	--
PW-6	6/24/2014	--	7.36	NP	--	--	--
PW-6	11/7/2014	--	6.00	NP	--	--	--
PW-6	11/8/2014	--	--	--	--	--	NG
PW-6	11/9/2014	--	--	--	--	--	NG
PW-6	11/10/2014	--	5.98	NP	--	--	--
PW-6	11/12/2014	--	6.18	NP	--	--	--
PW-6	11/18/2014	--	6.74	NP	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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	--	--	--	--	--	NM
PW-6	12/22/2014	--	5.33	NP	--	--	--
PW-6	12/29/2014	--	4.90	NP	--	--	--
PW-6	1/5/2015	--	3.79	NP	--	--	--
PW-6	1/12/2015	--	5.02	NP	--	--	--
PW-6	1/19/2015	--	4.91	NP	--	--	--
PW-6	1/26/2015	--	4.60	NP	--	--	--
PW-6	2/2/2015	--	5.43	NP	--	--	--
PW-6	2/9/2015	--	4.63	NP	--	--	--
PW-6	2/16/2015	--	4.93	NP	--	--	--
PW-6	2/23/2015	--	5.50	NP	--	--	--
PW-6	3/2/2015	--	5.41	NP	--	--	--
PW-6	3/9/2015	--	6.01	NP	--	--	--
PW-6	3/16/2015	--	5.48	NP	--	--	--
PW-6	3/23/2015	--	5.09	NP	--	--	--
PW-6	3/30/2015	--	5.20	NP	--	--	--
PW-6	4/6/2015	--	5.90	NP	--	--	--
PW-6	4/22/2015	--	6.72	NP	--	--	--
PW-6	5/4/2015	--	6.97	NP	--	--	--
PW-6	5/18/2015	--	7.37	NP	--	--	--
PW-6	6/1/2015	--	7.94	NP	--	--	--
PW-6	6/15/2015	--	8.34	NP	--	--	--
PW-6	6/19/2015	--	8.44	NP	--	--	--
PW-6	6/29/2015	--	8.73	NP	--	--	--
PW-6	7/13/2015	--	9.06	NP	--	--	--
PW-6	7/28/2015	--	9.37	NP	--	--	--
PW-6	8/24/2015	--	--	--	--	--	Dry
PW-6	9/8/2015	--	--	--	--	--	WI
PW-6	9/21/2015	--	9.35	NP	--	--	--
PW-6	10/5/2015	--	9.52	NP	--	--	--
PW-6	10/12/2015	--	9.60	NP	--	--	--
PW-6	10/19/2015	--	9.64	NP	--	--	--
PW-6	11/2/2015	--	--	--	--	--	NG
PW-6	11/16/2015	--	--	--	--	--	NG
PW-6	11/30/2015	--	--	--	--	--	--
PW-6	1/18/2016	--	5.57	NP	--	--	--
PW-6	2/1/2016	--	4.61	NP	--	--	--
PW-6	2/15/2016	--	3.61	NP	--	--	--
PW-6	3/7/2016	--	5.32	NP	--	--	--
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	--	--	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	8/23/2016	--	9.13	NP	--	--	--
PW-6	9/20/2016	--	8.57	NP	--	--	--
PW-6	11/8/2016	--	5.71	NP	--	--	--
PW-6	12/6/2016	--	4.92	NP	--	--	--
PW-6	3/21/2017	--	4.13	NP	--	--	--
PW-6	4/27/2017	--	5.83	NP	--	--	--
PW-6	5/30/2017	--	6.68	NP	--	--	--
PW-6	6/28/2017	--	7.87	NP	--	--	--
PW-6	8/3/2017	--	9.01	NP	--	--	--
PW-6	8/31/2017	--	9.63	NP	--	--	--
PW-6	9/26/2017	--	9.67	NP	--	--	--
PW-6	11/29/2017	--	6.30	NP	--	--	--
PW-6	2/27/2018	--	4.92	NP	--	--	--
PW-6	8/29/2018	--	9.52	NP	--	--	--
PW-6	11/6/2018	--	8.26	NP	--	--	--
PW-6	3/6/2019	--	6.24	NP	--	--	--
PW-6	5/28/2019	--	7.85	NP	--	--	--
PW-6	9/3/2019	--	9.55	NP	--	--	--
PW-6	11/19/2019	--	6.51	NP	--	--	--
PW-6	3/3/2020	--	4.36	NP	--	--	--
PW-6	6/9/2020	--	6.85	NP	--	--	--
PW-6	8/18/2020	--	8.37	NP	--	--	--
PW-6	11/4/2020	--	7.81	NP	--	--	--
PW-6	2/3/2021	--	3.98	NP	--	--	--
PW-6	5/11/2021	--	7.23	NP	--	--	--
PW-6	7/28/2021	--	9.01	NP	--	--	--
PW-6	10/20/2021	--	7.98	NP	--	--	--
PW-6	1/18/2022	--	4.04	NP	--	--	--
PW-6	4/19/2022	--	5.99	NP	--	--	--
PW-6	8/2/2022	--	8.21	NP	--	--	--
PW-6	10/25/2022	--	9.74	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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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	90.47	--
RW-1	6/19/2015	96.57	6.27	6.26	0.01	90.31	--
RW-1	6/29/2015	96.57	6.56	6.55	0.01	90.02	--
RW-1	7/13/2015	96.57	6.93	6.92	0.01	89.65	--
RW-1	7/28/2015	96.57	7.26	NP	--	89.31	--
RW-1	8/10/2015	96.57	7.47	NP	--	89.10	--
RW-1	8/24/2015	96.57	7.34	NP	--	89.23	--
RW-1	9/8/2015	96.57	--	--	--	--	WI
RW-1	9/21/2015	96.57	--	--	--	--	NG
RW-1	10/5/2015	96.57	--	--	--	--	NG
RW-1	10/12/2015	96.57	--	--	--	--	WI
RW-1	10/19/2015	96.57	8.21	NP	--	88.36	--
RW-1	11/2/2015	96.57	--	--	--	--	WI
RW-1	11/16/2015	96.57	--	--	--	--	NG
RW-1	11/30/2015	96.57	--	--	--	--	--
RW-1	1/18/2016	96.57	2.56	NP	--	94.01	--
RW-1	2/1/2016	96.57	1.77	NP	--	94.80	--
RW-1	2/15/2016	96.57	--	--	--	--	NG
RW-1	3/7/2016	96.57	2.43	NP	--	94.14	--
RW-1	3/29/2016	96.57	1.98	NP	--	94.59	--
RW-1	4/5/2016	96.57	2.18	NP	--	94.39	--
RW-1	4/19/2016	96.57	3.25	NP	--	93.32	--
RW-1	5/10/2016	96.57	4.35	NP	--	92.22	--
RW-1	5/24/2016	96.57	4.79	NP	--	91.78	--
RW-1	6/7/2016	96.57	5.16	NP	--	91.41	--
RW-1	6/21/2016	96.57	4.71	NP	--	91.86	--
RW-1	7/19/2016	96.57	5.88	NP	--	90.69	--
RW-1	8/23/2016	96.57	6.81	NP	--	89.76	--
RW-1	9/20/2016	96.57	6.19	NP	--	90.38	--
RW-1	11/8/2016	96.57	2.57	NP	--	94.00	--
RW-1	12/6/2016	96.57	2.05	NP	--	94.52	--
RW-1	3/21/2017	96.57	1.24	NP	--	95.33	--
RW-1	4/27/2017	96.57	3.00	NP	--	93.57	--
RW-1	5/30/2017	96.57	4.13	NP	--	92.44	--
RW-1	6/28/2017	96.57	5.45	NP	--	91.12	--
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	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	2/27/2018	96.57	2.06	NP	--	94.51	--
RW-1	6/12/2018	96.57	5.35	NP	--	91.22	--
RW-1	8/29/2018	96.57	7.46	NP	--	89.11	--
RW-1	11/6/2018	96.57	5.67	NP	--	90.90	--
RW-1	3/6/2019	96.57	3.46	NP	--	93.11	--
RW-1	5/28/2019	96.57	6.65	NP	--	89.92	--
RW-1	9/3/2019	96.57	7.63	NP	--	88.94	--
RW-1	11/19/2019	96.57	2.57	NP	--	94.00	--
RW-1	3/3/2020	96.57	1.10	NP	--	95.47	--
RW-1	6/9/2020	96.57	4.38	NP	--	92.19	--
RW-1	8/18/2020	96.57	5.80	NP	--	90.77	--
RW-1	11/4/2020	96.57	4.65	NP	--	91.92	--
RW-1	2/3/2021	96.57	1.26	NP	--	95.31	--
RW-1	5/11/2021	96.57	4.72	NP	--	91.85	--
RW-1	7/28/2021	96.57	6.29	NP	--	90.28	--
RW-1	10/20/2021	96.57	4.60	NP	--	91.97	--
RW-1	1/18/2022	96.57	0.10	NP	--	96.47	--
RW-1	4/19/2022	96.57	3.20	NP	--	93.37	--
RW-1	8/2/2022	96.57	5.68	NP	--	90.89	--
RW-1	10/25/2022	96.57	7.69	NP	--	88.88	--
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	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-2	6/15/2015	96.97	6.51	NP	--	90.46	--
RW-2	6/19/2015	96.97	6.60	NP	--	90.37	--
RW-2	6/29/2015	96.97	6.92	NP	--	90.05	--
RW-2	7/13/2015	96.97	--	--	--	--	Dry
RW-2	7/28/2015	96.97	--	--	--	--	Dry
RW-2	8/10/2015	96.97	--	--	--	--	Dry
RW-2	8/24/2015	96.97	--	--	--	--	Dry
RW-2	9/8/2015	96.97	--	--	--	--	WI
RW-2	9/21/2015	96.97	7.13	NP	--	89.84	--
RW-2	10/5/2015	96.97	--	--	--	--	WI
RW-2	10/12/2015	96.97	--	--	--	--	WI
RW-2	10/19/2015	96.97	--	--	--	--	NG
RW-2	11/2/2015	96.97	--	--	--	--	WI
RW-2	11/16/2015	96.97	--	--	--	--	NG
RW-2	11/30/2015	96.97	--	--	--	--	--
RW-2	1/18/2016	96.97	2.68	NP	--	94.29	--
RW-2	2/1/2016	96.97	1.90	NP	--	95.07	--
RW-2	2/15/2016	96.97	0.04	NP	--	96.93	--
RW-2	3/7/2016	96.97	2.57	NP	--	94.40	--
RW-2	3/29/2016	96.97	2.09	NP	--	94.88	--
RW-2	4/5/2016	96.97	2.09	NP	--	94.88	--
RW-2	4/19/2016	96.97	3.50	NP	--	93.47	--
RW-2	5/10/2016	96.97	4.61	NP	--	92.36	--
RW-2	5/24/2016	96.97	5.10	NP	--	91.87	--
RW-2	6/7/2016	96.97	5.45	NP	--	91.52	--
RW-2	6/21/2016	96.97	4.68	NP	--	92.29	--
RW-2	7/19/2016	96.97	6.18	NP	--	90.79	--
RW-2	8/23/2016	96.97	--	--	--	--	Dry
RW-2	9/20/2016	96.97	--	--	--	--	Dry
RW-2	11/8/2016	96.97	2.31	NP	--	94.66	--
RW-2	12/6/2016	96.97	--	--	--	--	Dry
RW-2	3/21/2017	96.97	1.55	NP	--	95.42	Dry
RW-2	4/27/2017	96.97	3.24	NP	--	93.73	Dry
RW-2	5/30/2017	96.97	4.32	NP	--	92.65	Dry
RW-2	6/28/2017	96.97	5.74	NP	--	91.23	Dry
RW-2	8/3/2017	96.97	7.06	NP	--	89.91	--
RW-2	8/31/2017	96.97	--	--	--	--	Dry
RW-2	9/26/2017	96.97	--	--	--	--	Dry
RW-2	11/29/2017	96.97	2.88	NP	--	94.09	--
RW-2	2/27/2018	96.97	2.31	NP	--	94.66	--
RW-2	6/12/2018	96.97	5.66	NP	--	91.31	--
RW-2	8/29/2018	96.97	7.20	NP	--	89.77	--
RW-2	11/6/2018	96.97	5.27	NP	--	91.70	--
RW-2	3/6/2019	96.97	3.78	NP	--	93.19	--
RW-2	5/28/2019	96.97	5.94	NP	--	91.03	--
RW-2	9/3/2019	96.97	--	--	--	--	Dry
RW-2	11/19/2019	96.97	1.95	NP	--	95.02	--
RW-2	3/3/2020	96.97	1.00	NP	--	95.97	--
RW-2	6/9/2020	96.97	4.71	NP	--	92.26	--
RW-2	8/18/2020	96.97	6.19	NP	--	90.78	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	11/4/2020	96.97	4.83	NP	--	92.14	--
RW-2	2/3/2021	96.97	1.14	NP	--	95.83	--
RW-2	5/11/2021	96.97	5.00	NP	--	91.97	--
RW-2	7/28/2021	96.97	6.73	NP	--	90.24	--
RW-2	10/20/2021	96.97	4.62	NP	--	92.35	--
RW-2	1/18/2022	96.97	0.60	NP	--	96.37	--
RW-2	4/19/2022	96.97	3.39	NP	--	93.58	--
RW-2	8/2/2022	96.97	6.02	NP	--	90.95	--
RW-2	10/25/2022	96.97	--	--	--	--	Dry
RW-3	11/17/2014	--	8.73	8.70	0.03	--	--
RW-3	11/18/2014	--	9.70	NP	--	--	--
RW-3	11/19/2014	--	9.72	9.70	0.02	--	--
RW-3	12/1/2014	97.07	4.32	NP	--	92.75	--
RW-3	12/8/2014	97.07	4.52	NP	--	92.55	--
RW-3	12/15/2014	97.07	3.90	NP	--	93.17	--
RW-3	12/22/2014	97.07	3.95	NP	--	93.12	--
RW-3	12/29/2014	97.07	3.37	NP	--	93.70	--
RW-3	1/5/2015	97.07	--	--	--	--	NG
RW-3	1/12/2015	97.07	3.30	NP	--	93.77	--
RW-3	1/13/2015	97.07	3.80	NP	--	93.27	--
RW-3	1/14/2015	97.07	3.87	NP	--	93.20	--
RW-3	1/19/2015	97.07	2.76	NP	--	94.31	--
RW-3	1/26/2015	97.07	3.14	NP	--	93.93	--
RW-3	2/2/2015	97.07	3.96	NP	--	93.11	--
RW-3	2/9/2015	97.07	2.81	NP	--	94.26	--
RW-3	2/16/2015	97.07	3.28	NP	--	93.79	--
RW-3	2/23/2015	97.07	3.89	NP	--	93.18	--
RW-3	3/2/2015	97.07	3.79	NP	--	93.28	--
RW-3	3/9/2015	97.07	4.26	NP	--	92.81	--
RW-3	3/16/2015	97.07	3.40	NP	--	93.67	--
RW-3	3/23/2015	97.07	3.50	NP	--	93.57	--
RW-3	3/30/2015	97.07	3.61	3.60	0.01	93.47	--
RW-3	4/6/2015	97.07	4.12	NP	--	92.95	--
RW-3	4/7/2015	97.07	4.17	NP	--	92.90	--
RW-3	4/22/2015	97.07	4.80	NP	--	92.27	--
RW-3	5/4/2015	97.07	5.58	NP	--	91.49	--
RW-3	5/18/2015	97.07	6.13	NP	--	90.94	--
RW-3	6/1/2015	97.07	6.69	NP	--	90.38	--
RW-3	6/15/2015	97.07	7.00	NP	--	90.07	--
RW-3	6/19/2015	97.07	6.45	NP	--	90.62	--
RW-3	6/29/2015	97.07	7.33	NP	--	89.74	--
RW-3	7/13/2015	97.07	7.72	NP	--	89.35	--
RW-3	7/28/2015	97.07	8.06	NP	--	89.01	--
RW-3	8/10/2015	97.07	8.33	NP	--	88.74	--
RW-3	8/24/2015	97.07	8.55	NP	--	88.52	--
RW-3	9/8/2015	97.07	--	--	--	--	WI
RW-3	9/21/2015	97.07	--	--	--	--	NG
RW-3	10/5/2015	97.07	--	--	--	--	WI
RW-3	10/12/2015	97.07	--	--	--	--	WI

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	10/19/2015	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-3	8/29/2018	97.07	7.88	NP	--	89.19	--
RW-3	11/6/2018	97.07	5.97	NP	--	91.10	--
RW-3	3/6/2019	97.07	3.90	NP	--	93.17	--
RW-3	5/28/2019	97.07	6.04	NP	--	91.03	--
RW-3	9/3/2019	97.07	8.05	NP	--	89.02	--
RW-3	11/19/2019	97.07	3.10	NP	--	93.97	--
RW-3	3/3/2020	97.07	1.46	NP	--	95.61	--
RW-3	6/9/2020	97.07	4.70	NP	--	92.37	--
RW-3	8/18/2020	97.07	6.35	NP	--	90.72	--
RW-3	11/4/2020	97.07	5.09	NP	--	91.98	--
RW-3	2/3/2021	97.07	1.64	NP	--	95.43	--
RW-3	5/11/2021	97.07	5.06	NP	--	92.01	--
RW-3	7/28/2021	97.07	6.89	NP	--	90.18	--
RW-3	10/20/2021	97.07	5.15	NP	--	91.92	--
RW-3	1/18/2022	97.07	1.10	NP	--	95.97	--
RW-3	4/19/2022	97.07	3.51	NP	--	93.56	--
RW-3	8/2/2022	97.07	6.14	NP	--	90.93	--
RW-3	10/25/2022	97.07	8.01	NP	--	89.06	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	11/17/2014	--	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	91.25	--
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	91.61	--
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
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	--

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OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-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	90.72	--
RW-4	6/21/2016	97.22	6.24	6.23	0.01	90.99	--
RW-4	7/19/2016	97.22	7.16	NP	--	90.06	--
RW-4	8/23/2016	97.22	--	--	--	--	WI
RW-4	9/20/2016	97.22	7.39	NP	--	89.83	--
RW-4	11/8/2016	97.22	4.82	NP	--	92.40	--
RW-4	12/6/2016	97.22	3.96	NP	--	93.26	--
RW-4	3/21/2017	97.22	2.80	NP	--	94.42	--
RW-4	4/27/2017	97.22	4.62	NP	--	92.60	--
RW-4	5/30/2017	97.22	5.67	NP	--	91.55	--
RW-4	6/28/2017	97.22	6.72	NP	--	90.50	--
RW-4	8/3/2017	97.22	7.96	7.95	0.01	89.27	--
RW-4	8/31/2017	97.22	8.57	8.56	0.01	88.66	--
RW-4	9/26/2017	97.22	8.68	8.67	0.01	88.55	--
RW-4	11/29/2017	97.22	5.33	NP	--	91.89	--
RW-4	2/27/2018	97.22	3.34	NP	--	93.88	--
RW-4	6/12/2018	97.22	6.45	NP	--	90.77	--
RW-4	8/29/2018	97.22	8.42	NP	--	88.80	--
RW-4	11/6/2018	97.22	6.88	NP	--	90.34	--
RW-4	3/6/2019	97.22	5.12	NP	--	92.10	--
RW-4	5/28/2019	97.22	6.66	NP	--	90.56	--
RW-4	9/3/2019	97.22	8.68	NP	--	88.54	--
RW-4	11/19/2019	97.22	3.64	NP	--	93.58	--
RW-4	3/3/2020	97.22	1.61	NP	--	95.61	--
RW-4	6/9/2020	97.22	4.85	NP	--	92.37	--
RW-4	8/18/2020	97.22	6.90	NP	--	90.32	--
RW-4	11/4/2020	97.22	5.00	NP	--	92.22	--
RW-4	2/3/2021	97.22	2.47	NP	--	94.75	--
RW-4	5/11/2021	97.22	5.70	NP	--	91.52	--
RW-4	7/28/2021	97.22	7.64	NP	--	89.58	--
RW-4	10/20/2021	97.22	6.15	NP	--	91.07	--
RW-4	1/18/2022	97.22	0.46	NP	--	96.76	--
RW-4	4/19/2022	97.22	4.11	NP	--	93.11	--
RW-4	8/2/2022	97.22	6.68	NP	--	90.54	--
RW-4	10/25/2022	97.22	7.77	NP	--	89.45	--
RW-5	11/17/2014	--	--	--	--	--	NG
RW-5	11/18/2014	--	--	--	--	--	NG
RW-5	11/19/2014	--	--	--	--	--	NG
RW-5	11/24/2014	--	--	--	--	--	NG
RW-5	12/1/2014	--	--	--	--	--	NG
RW-5	12/8/2014	--	5.90	4.99	0.91	--	--
RW-5	12/15/2014	--	--	--	--	--	NG
RW-5	12/22/2014	--	4.50	4.42	0.08	--	--
RW-5	12/29/2014	--	--	--	--	--	NG
RW-5	1/5/2015	--	--	--	--	--	NG
RW-5	1/12/2015	--	--	--	--	--	NG

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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-5	8/29/2018	--	--	--	--	--	NL
RW-6	11/17/2014	--	6.04	NP	--	--	--
RW-6	11/18/2014	--	6.38	NP	--	--	--
RW-6	11/19/2014	--	6.35	NP	--	--	--
RW-6	12/1/2014	96.02	1.97	NP	--	94.05	--
RW-6	12/8/2014	96.02	2.12	NP	--	93.90	--
RW-6	12/15/2014	96.02	--	--	--	--	NM
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	3/9/2015	96.02	2.48	NP	--	93.54	--
RW-6	3/16/2015	96.02	1.16	NP	--	94.86	--
RW-6	3/23/2015	96.02	1.35	NP	--	94.67	--
RW-6	3/30/2015	96.02	1.61	1.60	0.01	94.42	--
RW-6	4/6/2015	96.02	2.46	NP	--	93.56	--
RW-6	4/22/2015	96.02	3.72	NP	--	92.30	--
RW-6	5/4/2015	96.02	3.91	NP	--	92.11	--
RW-6	5/18/2015	96.02	4.42	NP	--	91.60	--
RW-6	6/1/2015	96.02	5.12	NP	--	90.90	--
RW-6	6/15/2015	96.02	5.54	NP	--	90.48	--
RW-6	6/19/2015	96.02	5.70	NP	--	90.32	--
RW-6	6/29/2015	96.02	5.96	NP	--	90.06	--
RW-6	7/13/2015	96.02	6.34	NP	--	89.68	--
RW-6	7/28/2015	96.02	6.68	NP	--	89.34	--
RW-6	8/10/2015	96.02	6.96	NP	--	89.06	--
RW-6	8/24/2015	96.02	7.24	NP	--	88.78	--
RW-6	9/8/2015	96.02	6.38	NP	--	89.64	--
RW-6	9/21/2015	96.02	6.37	NP	--	89.65	--
RW-6	10/5/2015	96.02	6.66	NP	--	89.36	--
RW-6	10/12/2015	96.02	6.85	NP	--	89.17	--
RW-6	10/19/2015	96.02	6.69	NP	--	89.33	--
RW-6	11/2/2015	96.02	6.37	NP	--	89.65	--
RW-6	11/16/2015	96.02	3.95	NP	--	92.07	--
RW-6	11/30/2015	96.02	4.61	NP	--	91.41	--
RW-6	1/18/2016	96.02	1.76	NP	--	94.26	--
RW-6	2/1/2016	96.02	1.09	NP	--	94.93	--
RW-6	2/15/2016	96.02	--	--	--	--	NG
RW-6	3/7/2016	96.02	1.73	NP	--	94.29	--
RW-6	3/29/2016	96.02	1.33	NP	--	94.69	--
RW-6	4/5/2016	96.02	--	--	--	--	NG
RW-6	4/19/2016	96.02	2.60	NP	--	93.42	--
RW-6	5/10/2016	96.02	3.84	NP	--	92.18	--
RW-6	5/24/2016	96.02	4.25	NP	--	91.77	--
RW-6	6/7/2016	96.02	4.67	NP	--	91.35	--
RW-6	6/21/2016	96.02	4.10	NP	--	91.92	--
RW-6	7/19/2016	96.02	5.38	NP	--	90.64	--
RW-6	8/23/2016	96.02	6.33	NP	--	89.69	--
RW-6	9/20/2016	96.02	5.62	NP	--	90.40	--
RW-6	11/8/2016	96.02	1.80	NP	--	94.22	--
RW-6	12/6/2016	96.02	1.37	NP	--	94.65	--
RW-6	3/21/2017	96.02	--	--	--	--	NG
RW-6	4/27/2017	96.02	--	--	--	--	WI
RW-6	5/30/2017	96.02	--	--	--	--	WI
RW-6	6/28/2017	96.02	4.95	NP	--	91.07	--
RW-6	8/3/2017	96.02	6.16	NP	--	89.86	--
RW-6	9/26/2017	96.02	7.20	NP	--	88.82	--
RW-6	11/29/2017	96.02	1.81	NP	--	94.21	--
RW-6	2/27/2018	96.02	1.34	NP	--	94.68	--
RW-6	6/12/2018	96.02	4.88	NP	--	91.14	--
RW-6	8/29/2018	96.02	6.90	NP	--	89.12	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	11/6/2018	96.02	5.69	NP	--	90.33	--
RW-6	3/6/2019	96.02	2.53	NP	--	93.49	--
RW-6	5/28/2019	96.02	4.98	NP	--	91.04	--
RW-6	9/3/2019	96.02	7.11	NP	--	88.91	--
RW-6	11/19/2019	96.02	1.44	NP	--	94.58	--
RW-6	3/3/2020	96.02	0.18	NP	--	95.84	--
RW-6	6/9/2020	96.02	3.64	NP	--	92.38	--
RW-6	8/18/2020	96.02	5.20	NP	--	90.82	--
RW-6	11/4/2020	96.02	3.88	NP	--	92.14	--
RW-6	2/3/2021	96.02	0.50	NP	--	95.52	--
RW-6	5/11/2021	96.02	4.08	NP	--	91.94	--
RW-6	7/28/2021	96.02	5.65	NP	--	90.37	--
RW-6	10/20/2021	96.02	3.61	NP	--	92.41	--
RW-6	1/18/2022	96.02	--	--	--	--	WS
RW-6	4/19/2022	96.02	2.39	NP	--	93.63	--
RW-6	8/2/2022	96.02	5.09	NP	--	90.93	--
RW-6	10/25/2022	96.02	7.05	NP	--	88.97	--
RW-7	1/5/2015	--	--	--	--	--	NM
RW-7	1/12/2015	--	--	--	--	--	NM
RW-7	1/13/2015	96.74	2.71	NP	--	94.03	--
RW-7	1/14/2015	96.74	2.78	NP	--	93.96	--
RW-7	1/19/2015	96.74	2.07	NP	--	94.67	--
RW-7	1/26/2015	96.74	2.00	1.96	0.04	94.77	--
RW-7	2/2/2015	96.74	2.74	2.73	0.01	94.01	--
RW-7	2/9/2015	96.74	1.84	NP	--	94.90	--
RW-7	2/16/2015	96.74	2.31	2.24	0.07	94.48	--
RW-7	2/23/2015	96.74	2.90	2.81	0.09	93.91	--
RW-7	3/2/2015	96.74	2.72	2.70	0.02	94.04	--
RW-7	3/9/2015	96.74	3.32	NP	--	93.42	--
RW-7	3/16/2015	96.74	2.56	NP	--	94.18	--
RW-7	3/23/2015	96.74	2.30	NP	--	94.44	--
RW-7	3/30/2015	96.74	2.48	NP	--	94.26	--
RW-7	4/6/2015	96.74	4.26	NP	--	92.48	--
RW-7	4/7/2015	96.74	3.52	NP	--	93.22	--
RW-7	4/22/2015	96.74	4.36	NP	--	92.38	--
RW-7	5/4/2015	96.74	4.55	NP	--	92.19	--
RW-7	5/18/2015	96.74	5.05	NP	--	91.69	--
RW-7	6/1/2015	96.74	5.76	NP	--	90.98	--
RW-7	6/15/2015	96.74	6.17	NP	--	90.57	--
RW-7	6/19/2015	96.74	6.32	NP	--	90.42	--
RW-7	6/29/2015	96.74	6.60	NP	--	90.14	--
RW-7	7/13/2015	96.74	6.96	NP	--	89.78	--
RW-7	7/28/2015	96.74	7.29	NP	--	89.45	--
RW-7	8/10/2015	96.74	7.66	NP	--	89.08	--
RW-7	8/24/2015	96.74	7.85	NP	--	88.89	--
RW-7	9/8/2015	96.74	7.27	NP	--	89.47	--
RW-7	9/21/2015	96.74	7.16	NP	--	89.58	--
RW-7	10/5/2015	96.74	7.37	NP	--	89.37	--
RW-7	10/12/2015	96.74	7.49	NP	--	89.25	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	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	94.13	--
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	96.13	--
RW-7	4/19/2016	96.74	3.39	NP	--	93.35	--
RW-7	5/10/2016	96.74	4.48	NP	--	92.26	--
RW-7	5/24/2016	96.74	4.94	NP	--	91.80	--
RW-7	6/7/2016	96.74	5.29	NP	--	91.45	--
RW-7	6/21/2016	96.74	4.86	NP	--	91.88	--
RW-7	7/19/2016	96.74	5.99	NP	--	90.75	--
RW-7	8/23/2016	96.74	6.94	NP	--	89.80	--
RW-7	9/20/2016	96.74	6.25	NP	--	90.49	--
RW-7	11/8/2016	96.74	2.77	NP	--	93.97	--
RW-7	12/6/2016	96.74	2.21	NP	--	94.53	--
RW-7	3/21/2017	96.74	1.43	NP	--	95.31	--
RW-7	4/27/2017	96.74	3.20	NP	--	93.54	--
RW-7	5/30/2017	96.74	4.25	NP	--	92.49	--
RW-7	6/28/2017	96.74	5.58	NP	--	91.16	--
RW-7	8/3/2017	96.74	6.81	NP	--	89.93	--
RW-7	8/31/2017	96.74	7.50	NP	--	89.24	--
RW-7	9/26/2017	96.74	7.80	NP	--	88.94	--
RW-7	11/29/2017	96.74	2.88	NP	--	93.86	--
RW-7	2/27/2018	96.74	2.25	NP	--	94.49	--
RW-7	6/12/2018	96.74	5.47	NP	--	91.27	--
RW-7	8/29/2018	96.74	7.51	NP	--	89.23	--
RW-7	11/6/2018	96.74	6.25	NP	--	90.49	--
RW-7	3/6/2019	96.74	3.53	NP	--	93.21	--
RW-7	5/28/2019	96.74	5.70	NP	--	91.04	--
RW-7	9/3/2019	96.74	7.70	NP	--	89.04	--
RW-7	11/19/2019	96.74	3.32	NP	--	93.42	--
RW-7	3/3/2020	96.74	0.46	NP	--	96.28	--
RW-7	6/9/2020	96.74	4.23	NP	--	92.51	--
RW-7	8/18/2020	96.74	5.92	NP	--	90.82	--
RW-7	11/4/2020	96.74	4.95	NP	--	91.79	--
RW-7	2/3/2021	96.74	1.46	NP	--	95.28	--
RW-7	5/11/2021	96.74	4.83	NP	--	91.91	--
RW-7	7/28/2021	96.74	6.45	NP	--	90.29	--
RW-7	10/20/2021	96.74	4.83	NP	--	91.91	--
RW-7	1/18/2022	96.74	0.45	NP	--	96.29	--
RW-7	4/19/2022	96.74	3.29	NP	--	93.45	--
RW-7	8/2/2022	96.74	5.76	NP	--	90.98	--
RW-7	10/25/2022	96.74	7.30	NP	--	89.44	--

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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	1/5/2015	--	--	--	--	--	NG
RW-8	1/12/2015	--	--	--	--	--	NG
RW-8	1/13/2015	97.16	2.90	NP	--	94.26	--
RW-8	1/14/2015	97.16	3.02	NP	--	94.14	--
RW-8	1/19/2015	97.16	2.30	NP	--	94.86	--
RW-8	1/26/2015	97.16	2.21	NP	--	94.95	--
RW-8	2/2/2015	97.16	3.09	NP	--	94.07	--
RW-8	2/9/2015	97.16	2.13	NP	--	95.03	--
RW-8	2/16/2015	97.16	2.51	NP	--	94.65	--
RW-8	2/23/2015	97.16	3.11	NP	--	94.05	--
RW-8	3/2/2015	97.16	3.01	NP	--	94.15	--
RW-8	3/9/2015	97.16	3.61	NP	--	93.55	--
RW-8	3/16/2015	97.16	2.67	NP	--	94.49	--
RW-8	3/23/2015	97.16	2.61	NP	--	94.55	--
RW-8	3/30/2015	97.16	2.78	NP	--	94.38	--
RW-8	4/6/2015	97.16	3.47	NP	--	93.69	--
RW-8	4/7/2015	97.16	3.81	NP	--	93.35	--
RW-8	4/22/2015	97.16	4.45	NP	--	92.71	--
RW-8	5/4/2015	97.16	4.69	NP	--	92.47	--
RW-8	5/18/2015	97.16	5.14	NP	--	92.02	--
RW-8	6/1/2015	97.16	5.75	NP	--	91.41	--
RW-8	6/15/2015	97.16	6.20	NP	--	90.96	--
RW-8	6/19/2015	97.16	6.25	NP	--	90.91	--
RW-8	6/29/2015	97.16	6.74	NP	--	90.42	--
RW-8	7/13/2015	97.16	7.09	NP	--	90.07	--
RW-8	7/28/2015	97.16	7.44	NP	--	89.72	--
RW-8	8/10/2015	97.16	6.69	NP	--	90.47	--
RW-8	8/24/2015	97.16	--	--	--	--	Dry
RW-8	9/8/2015	97.16	--	--	--	--	WI
RW-8	9/21/2015	97.16	--	--	--	--	NG
RW-8	10/5/2015	97.16	--	--	--	--	NG
RW-8	10/12/2015	97.16	--	--	--	--	NG
RW-8	10/19/2015	97.16	--	--	--	--	NG
RW-8	11/2/2015	97.16	--	--	--	--	WI
RW-8	11/16/2015	97.16	--	--	--	--	NG
RW-8	11/30/2015	97.16	--	--	--	--	--
RW-8	1/18/2016	97.16	3.04	NP	--	94.12	--
RW-8	2/1/2016	97.16	2.10	NP	--	95.06	--
RW-8	2/15/2016	97.16	--	--	--	--	NG
RW-8	3/7/2016	97.16	3.82	NP	--	93.34	--
RW-8	3/29/2016	97.16	2.34	NP	--	94.82	--
RW-8	4/5/2016	97.16	2.43	NP	--	94.73	--
RW-8	4/19/2016	97.16	3.60	NP	--	93.56	--
RW-8	5/10/2016	97.16	4.58	NP	--	92.58	--
RW-8	5/24/2016	97.16	5.04	NP	--	92.12	--
RW-8	6/7/2016	97.16	5.38	NP	--	91.78	--
RW-8	6/21/2016	97.16	4.95	NP	--	92.21	--
RW-8	7/19/2016	97.16	6.05	NP	--	91.11	--
RW-8	8/23/2016	97.16	7.09	NP	--	90.07	--
RW-8	9/20/2016	97.16	6.35	NP	--	90.81	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-8	11/8/2016	97.16	3.12	NP	--	94.04	--
RW-8	12/6/2016	97.16	2.37	NP	--	94.79	--
RW-8	3/21/2017	97.16	1.60	NP	--	95.56	--
RW-8	4/27/2017	97.16	3.35	NP	--	93.81	--
RW-8	5/30/2017	97.16	4.34	NP	--	92.82	--
RW-8	6/28/2017	97.16	5.61	NP	--	91.55	--
RW-8	8/3/2017	97.16	6.90	NP	--	90.26	--
RW-8	8/31/2017	97.16	7.55	NP	--	89.61	--
RW-8	9/26/2017	97.16	7.84	NP	--	89.32	--
RW-8	11/29/2017	97.16	3.77	NP	--	93.39	--
RW-8	2/27/2018	97.16	2.48	NP	--	94.68	--
RW-8	6/12/2018	97.16	5.48	NP	--	91.68	--
RW-8	8/29/2018	97.16	7.54	NP	--	89.62	--
RW-8	11/6/2018	97.16	6.21	NP	--	90.95	--
RW-8	3/6/2019	97.16	3.80	NP	--	93.36	--
RW-8	5/28/2019	97.16	5.75	NP	--	91.41	--
RW-8	9/3/2019	97.16	7.63	7.62	0.01	89.54	--
RW-8	11/19/2019	97.16	3.67	NP	--	93.49	--
RW-8	3/3/2020	97.16	1.62	NP	--	95.54	--
RW-8	6/9/2020	97.16	4.56	NP	--	92.60	--
RW-8	8/18/2020	97.16	6.10	NP	--	91.06	--
RW-8	11/4/2020	97.16	5.21	NP	--	91.95	--
RW-8	2/3/2021	97.16	1.45	NP	--	95.71	--
RW-8	5/11/2021	97.16	4.90	NP	--	92.26	--
RW-8	7/28/2021	97.16	6.68	NP	--	90.48	--
RW-8	10/20/2021	97.16	5.34	NP	--	91.82	--
RW-8	1/18/2022	97.16	1.63	NP	--	95.53	--
RW-8	4/19/2022	97.16	3.52	NP	--	93.64	--
RW-8	8/2/2022	97.16	5.83	NP	--	91.33	--
RW-8	10/25/2022	97.16	7.65	7.63	0.02	89.53	--
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	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	5/18/2015	97.60	5.84	NP	--	91.76	--
RW-9	6/1/2015	97.60	6.31	NP	--	91.29	--
RW-9	6/15/2015	97.60	--	--	--	--	Dry
RW-9	6/19/2015	97.60	6.36	NP	--	91.24	--
RW-9	6/29/2015	97.60	--	--	--	--	Dry
RW-9	7/13/2015	97.60	6.40	NP	--	91.20	--
RW-9	7/28/2015	97.60	--	--	--	--	Dry
RW-9	8/10/2015	97.60	--	--	--	--	Dry
RW-9	8/24/2015	97.60	--	--	--	--	Dry
RW-9	9/8/2015	97.60	--	--	--	--	WI
RW-9	9/21/2015	97.60	--	--	--	--	NG
RW-9	10/5/2015	97.60	--	--	--	--	WI
RW-9	10/12/2015	97.60	--	--	--	--	NG
RW-9	10/19/2015	97.60	--	--	--	--	NG
RW-9	11/2/2015	97.60	--	--	--	--	WI
RW-9	11/16/2015	97.60	--	--	--	--	NG
RW-9	11/30/2015	97.60	--	--	--	--	--
RW-9	2/15/2016	97.60	--	--	--	--	NG
RW-9	11/29/2017	97.60	--	--	--	--	WD
RW-9	8/29/2018	97.60	--	--	--	--	NL
RW-9	3/6/2019	97.60	--	--	--	--	WD
SRW-1	6/23/1992	99.19	8.00	NP	--	91.19	--
SRW-1	7/2/1992	99.19	7.85	NP	--	91.34	--
SRW-1	8/17/1992	99.19	8.37	NP	--	90.82	--
SRW-1	9/30/1992	99.19	8.38	8.36	0.02	90.83	--
SRW-1	10/30/1992	99.19	8.26	NP	--	90.93	--
SRW-1	11/30/1992	99.19	6.80	NP	--	92.39	--
SRW-1	4/16/1993	99.19	6.94	NP	--	92.25	--
SRW-1	10/3/2000	99.19	8.05	NP	--	91.14	--
SRW-1	2/28/2001	99.19	6.50	6.49	0.01	92.70	--
SRW-1	5/30/2001	99.19	7.09	NP	--	92.10	--
SRW-1	8/22/2001	99.19	7.19	7.18	0.01	92.01	--
SRW-1	11/21/2001	99.19	6.21	NP	--	92.98	--
SRW-1	2/20/2002	99.19	--	--	--	--	NG
SRW-1	5/16/2002	99.19	--	--	--	--	NG
SRW-1	8/2/2002	99.19	7.33	7.32	0.01	91.87	--
SRW-1	12/19/2002	99.19	7.40	NP	--	91.79	--
SRW-1	5/19/2003	99.19	7.02	NP	--	92.17	--
SRW-1	11/13/2003	99.19	7.27	NP	--	91.92	--
SRW-1	6/4/2004	99.19	6.86	NP	--	92.33	--
SRW-1	10/7/2004	99.19	7.13	NP	--	92.06	--
SRW-1	4/28/2005	99.19	6.05	NP	--	93.14	--
SRW-1	11/16/2005	99.19	6.65	NP	--	92.54	--
SRW-1	6/13/2006	99.19	7.15	NP	--	92.04	--
SRW-1	2/26/2007	99.19	4.25	NP	--	94.94	--
SRW-1	5/9/2007	99.19	6.42	NP	--	92.77	--
SRW-1	7/16/2007	99.19	7.77	NP	--	91.42	--
SRW-1	8/22/2007	99.19	8.21	NP	--	90.98	--
SRW-1	9/25/2007	99.19	9.42	NP	--	89.77	--

Table 1
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OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	10/25/2007	99.19	7.46	NP	--	91.73	--
SRW-1	11/9/2007	99.19	7.78	NP	--	91.41	--
SRW-1	12/3/2007	99.19	6.93	NP	--	92.26	--
SRW-1	1/17/2008	99.19	5.82	NP	--	93.37	--
SRW-1	4/7/2008	99.19	5.92	NP	--	93.27	--
SRW-1	7/22/2008	99.19	7.61	NP	--	91.58	--
SRW-1	10/21/2008	99.19	8.37	NP	--	90.82	--
SRW-1	8/24/2011	99.19	--	--	--	--	NG
SRW-1	11/15/2012	99.19	--	--	--	--	NG
SRW-1	3/27/2013	99.19	--	--	--	--	NG
SRW-1	12/17/2013	99.19	--	--	--	--	NG
SRW-1	6/19/2015	99.19	5.38	NP	--	93.81	--
AG WELL	12/1/2014	--	4.02	NP	--	--	--
AG WELL	11/10/2016	--	5.11	NP	--	--	--
AG WELL	3/21/2017	--	3.93	NP	--	--	--
AG WELL	4/27/2017	--	--	--	--	--	NG
AG WELL	5/30/2017	--	--	--	--	--	NG
AG WELL	6/28/2017	--	5.52	NP	--	--	--
AG WELL	8/3/2017	--	6.30	NP	--	--	--
AG WELL	8/31/2017	--	6.60	NP	--	--	--
AG WELL	9/26/2017	--	6.60	NP	--	--	--
AG WELL	11/29/2017	--	5.17	NP	--	--	--
AG WELL	2/27/2018	--	3.95	NP	--	--	--
AG WELL	11/6/2018	--	5.80	NP	--	--	--
AG WELL	11/28/2018	--	5.61	NP	--	--	--
AG WELL	3/6/2019	--	4.94	NP	--	--	--
AG WELL	5/28/2019	--	5.39	NP	--	--	--
AG WELL	9/3/2019	--	6.92	NP	--	--	--
AG WELL	11/19/2019	--	4.95	NP	--	--	--
AG WELL	3/3/2020	--	3.50	NP	--	--	--
AG WELL	6/9/2020	--	8.43	NP	--	--	--
NEW AG WELL	6/9/2020	--	8.43	NP	--	--	--
IW-1	11/7/2014	--	8.95	NP	--	--	--
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	--	--	--

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OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
IW-1	1/19/2015	--	5.79	NP	--	--	--
IW-1	1/26/2015	--	5.83	NP	--	--	--
IW-1	2/2/2015	--	6.28	NP	--	--	--
IW-1	2/9/2015	--	5.76	NP	--	--	--
IW-1	2/16/2015	--	5.95	NP	--	--	--
IW-1	2/23/2015	--	6.36	NP	--	--	--
IW-1	3/2/2015	--	6.41	NP	--	--	--
IW-1	3/9/2015	--	6.78	NP	--	--	--
IW-1	3/16/2015	--	6.58	NP	--	--	--
IW-1	3/23/2015	--	6.60	NP	--	--	--
IW-1	3/30/2015	--	6.56	NP	--	--	--
IW-1	4/6/2015	--	6.93	NP	--	--	--
IW-1	4/22/2015	--	7.58	NP	--	--	--
IW-1	5/4/2015	--	7.76	NP	--	--	--
IW-1	5/18/2015	--	8.01	NP	--	--	--
IW-1	6/1/2015	--	8.35	NP	--	--	--
IW-1	6/15/2015	--	8.68	NP	--	--	--
IW-1	6/19/2015	--	8.77	NP	--	--	--
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	--	--	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
IW-1	6/27/2017	--	8.34	NP	--	--	--
IW-1	8/3/2017	--	9.15	NP	--	--	--
IW-1	8/31/2017	--	9.78	NP	--	--	--
IW-1	9/26/2017	--	10.15	NP	--	--	--
IW-1	11/29/2017	--	9.33	NP	--	--	--
IW-1	2/27/2018	--	5.91	NP	--	--	--
IW-1	6/12/2018	--	8.14	NP	--	--	--
IW-1	8/29/2018	--	9.77	NP	--	--	--
IW-1	11/6/2018	--	9.50	NP	--	--	--
IW-1	3/6/2019	--	8.25	NP	--	--	--
IW-1	5/28/2019	--	8.70	NP	--	--	--
IW-1	9/3/2019	--	10.24	NP	--	--	--
IW-1	11/19/2019	--	9.13	NP	--	--	--
IW-1	3/3/2020	--	5.66	NP	--	--	--
IW-1	6/9/2020	--	7.85	NP	--	--	--
IW-1	8/18/2020	--	8.73	NP	--	--	--
IW-1	11/4/2020	--	9.10	NP	--	--	--
IW-1	2/3/2021	--	6.43	NP	--	--	--
IW-1	5/11/2021	--	7.77	NP	--	--	--
IW-1	10/20/2021	--	9.85	NP	--	--	--
IW-1	1/18/2022	--	5.01	NP	--	--	--
IW-1	4/19/2022	--	6.75	NP	--	--	--
IW-1	8/2/2022	--	8.53	NP	--	--	--
IW-1	10/25/2022	--	10.09	NP	--	--	--
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	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	7/16/2007	101.40	8.99	NP	--	92.41	--
C	8/22/2007	101.40	9.19	NP	--	92.21	--
C	9/25/2007	101.40	9.80	NP	--	91.60	--
C	10/25/2007	101.40	7.40	NP	--	94.00	--
C	11/9/2007	101.40	8.15	NP	--	93.25	--
C	12/3/2007	101.40	7.12	NP	--	94.28	--
C	1/17/2008	101.40	4.64	NP	--	96.76	--
C	4/7/2008	101.40	4.94	NP	--	96.46	--
C	7/22/2008	101.40	8.55	NP	--	92.85	--
C	10/21/2008	101.40	9.37	NP	--	92.03	--
C	1/20/2009	101.40	4.61	NP	--	96.79	--
C	7/6/2009	101.40	9.07	NP	--	92.33	--
C	3/17/2010	101.40	6.51	NP	--	94.89	--
C	9/15/2010	101.40	8.89	NP	--	92.51	--
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	11/10/2014	101.40	5.01	NP	--	96.39	--
C	11/12/2014	101.40	5.39	NP	--	96.01	--
C	11/18/2014	101.40	6.34	NP	--	95.06	--
C	11/19/2014	101.40	6.40	NP	--	95.00	--
C	12/1/2014	98.86	4.71	NP	--	94.15	--
C	12/8/2014	98.86	5.00	NP	--	93.86	--
C	12/15/2014	98.86	4.67	NP	--	94.19	--
C	12/22/2014	98.86	4.69	NP	--	94.17	--
C	12/29/2014	98.86	4.25	NP	--	94.61	--
C	1/5/2015	98.86	2.98	NP	--	95.88	--
C	1/12/2015	98.86	4.71	NP	--	94.15	--
C	1/19/2015	98.86	4.26	NP	--	94.60	--
C	1/26/2015	98.86	4.26	NP	--	94.60	--
C	2/2/2015	98.86	5.03	NP	--	93.83	--
C	2/9/2015	98.86	4.15	NP	--	94.71	--
C	2/16/2015	98.86	4.67	NP	--	94.19	--
C	2/23/2015	98.86	5.03	NP	--	93.83	--
C	3/2/2015	98.86	4.87	NP	--	93.99	--
C	3/9/2015	98.86	5.54	NP	--	93.32	--
C	3/16/2015	98.86	4.39	NP	--	94.47	--
C	3/23/2015	98.86	4.51	NP	--	94.35	--
C	3/30/2015	98.86	4.86	NP	--	94.00	--
C	4/6/2015	98.86	5.58	NP	--	93.28	--
C	4/22/2015	98.86	6.97	NP	--	91.89	--
C	5/4/2015	98.86	7.11	NP	--	91.75	--
C	5/18/2015	98.86	7.65	NP	--	91.21	--
C	6/1/2015	98.86	8.29	NP	--	90.57	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
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	--
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	--
C	8/29/2018	98.86	9.81	NP	--	89.05	Dry
C	11/6/2018	98.86	5.45	NP	--	93.41	--
C	3/6/2019	98.86	--	--	--	--	NG
C	5/28/2019	98.86	5.43	NP	--	93.43	--
C	9/3/2019	98.86	--	--	--	--	Dry
C	11/19/2019	98.86	1.71	NP	--	97.15	--
C	3/3/2020	98.86	1.00	NP	--	97.86	--
C	6/9/2020	98.86	4.28	NP	--	94.58	--
C	8/19/2020	98.86	5.54	NP	--	93.32	--

Table 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Well 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	11/4/2020	98.86	4.63	NP	--	94.23	--
C	2/3/2021	98.86	0.84	NP	--	98.02	--
C	5/11/2021	98.86	4.60	NP	--	94.26	--
C	7/28/2021	98.86	5.86	NP	--	93.00	--
C	10/20/2021	98.86	5.65	NP	--	93.21	--
C	1/18/2022	98.86	0.79	NP	--	98.07	--
C	4/19/2022	98.86	2.71	NP	--	96.15	--
C	8/2/2022	98.86	5.41	NP	--	93.45	--
C	10/25/2022	98.86	--	--	--	--	Dry
C	2/15/2023	98.86	2.96	NP	--	95.90	--
C	4/18/2023	98.86	3.56	NP	--	95.30	--
C	7/19/2023	98.86	--	--	--	--	Dry
C	11/7/2023	98.86	5.37	NP	--	93.49	--
C	1/24/2024	98.86	1.18	NP	--	97.68	--
C	4/30/2024	98.86	3.12	NP	--	95.74	--
C	8/7/2024	98.86	--	--	--	--	Dry
C	11/12/2024	98.86	1.96	--	--	96.90	

Notes:

TOC = Top of Casing

ft = feet

LNAPL = Light Non-Aqueous Phase Liquid

-- = No Information Available

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

Dry = Well Dry

IW = Insufficient Water

NG = Not Gauged

NL = Not Located

NO = Natural Obstruction

NP = No Product

WI = Well Inaccessible

WS = Well Submerged

A = Well was Artesian

NM = Not Measured

NS = Not Sampled

WD = Well Damaged/Destroyed

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
Well ID	Date							
NEW AG WELL	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
C	6/4/2004	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
C	11/16/2005	< 0.5	< 0.5	< 0.5	< 1.0	< 50	95,000	< 49,500
C	6/13/2006	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 260	< 521
C	2/26/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
C	5/9/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
C	7/16/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
C	10/25/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
C	1/17/2008	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
C	4/7/2008	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
C	7/22/2008	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
C	10/21/2008	< 0.5	< 0.5	< 0.5	< 1.0	75	< 236	< 472
C	1/20/2009	< 0.5	< 0.5	< 0.5	< 1.0	< 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	1,800	340
C	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	210	< 250
C	6/27/2017	3.0	< 2.0	< 3.0	< 3.0	< 500	680	< 250
C	11/28/2017	< 2.0 *	< 2.0	< 3.0	< 3.0	< 250	160	< 250
C	2/27/2018	< 3.0 *	< 2.0 *	< 3.0 *	< 3.0 *	< 250	210	< 360
C	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	840	< 360
C	11/6/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	3,300	680
C	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	700	670
C	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	2,200	610
C	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	190	< 330
C	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
C	6/9/2020	< 3.0 F2	< 2.0 F2	< 3.0 F2	< 3.0 F1	< 250 F2	1,500	610 F1
C	8/19/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	620	< 330
C	11/5/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	1,700	1,400
C	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
C	5/11/2021	< 1.0 F2F1	< 1.0 F2F1	< 1.0 F2F1	< 2.0 F2F1	< 250 F2F1	650	470
C	1/18/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
C	4/19/2022	31 F1F2	< 1.0	< 1.0	< 2.0	< 50	370	< 340
C	8/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	430	< 260
C	2/15/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	370	570
C	4/18/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	510	570

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
C	11/7/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	1,900	730
C	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	110	< 350
C	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	380	410
C	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	280	380
DW-1	10/16/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 130	< 250
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	< 50 H	120 Y	< 250
IW-1	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50 H	420	< 260
IW-1	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	140	< 250
IW-1	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 250
IW-1	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110 *	< 250 *
IW-1	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	140	< 260
IW-1	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
MW-1	7/2/1992	< 1.0	< 1.0	< 1.0	< 1.0	--	190,000	--
MW-1	10/3/2000	< 0.5	< 0.5	< 0.5	< 1.0	427	32,400	< 5,500
MW-1	2/28/2001	< 0.5	4.17	0.772	3.46	459	57,600	< 5,500
MW-1	5/30/2001	< 0.5	< 0.5	< 0.5	< 1.0	77.3	59,700	< 20,500
MW-1	8/22/2001	< 0.5	< 0.5	< 0.5	< 1.0	< 500	27,700	< 5,500
MW-1	11/21/2001	< 0.5	< 0.5	< 0.5	< 1.0	< 500	24,100	< 5,500
MW-1	2/20/2002	< 0.5	< 0.5	< 0.5	< 1.0	< 500	55,300	< 10,000
MW-1	5/16/2002	< 0.5	< 0.5	< 0.5	< 1.0	58.1	30,200	< 5,500
MW-1	8/2/2002	< 0.5	< 0.5	< 0.5	< 1.0	< 500	24,500	< 5,500
MW-1	12/19/2002	< 0.5	< 2.0	< 1.0	< 1.5	< 100	19,500	< 500
MW-1	5/19/2003	< 0.5	< 0.5	< 0.5	< 1.0	122	26,600	< 500
MW-1	11/13/2003	< 0.5	< 0.5	< 0.5	< 1.0	< 50	6,180	< 500
MW-1	6/4/2004	< 0.5	< 0.5	< 0.5	< 1.0	< 50	21,300	< 500
MW-1	10/7/2004	< 0.5	< 0.5	< 0.5	< 1.0	< 80	47,400	< 500
MW-1	4/28/2005	< 0.5	< 0.5	< 0.5	< 1.0	< 80	7,740	< 500
MW-1	11/16/2005	< 0.5	< 0.5	< 0.5	< 1.0	< 50	1,790	< 500
MW-1	6/13/2006	< 0.5	< 0.5	< 0.5	< 1.0	< 50	5,640	< 515
MW-1	2/26/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	508	< 472
MW-1	5/9/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	16,000	< 943
MW-1	7/16/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 80	12,900	< 472
MW-1	10/25/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	288	< 490
MW-1	1/17/2008	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 238	< 476
MW-1	4/7/2008	< 0.5	< 0.5	< 0.5	< 1.0	< 50	2,130	< 472
MW-1	7/22/2008	< 0.5	5.12	< 0.5	15.3	249	5,890	< 472
MW-1	10/21/2008	< 0.5	< 0.5	< 0.5	< 1.0	< 50	1,220	< 472
MW-1	1/20/2009	< 0.5	< 0.5	< 0.5	< 1.0	< 50	239	< 472
MW-1	7/6/2009	< 1.0	< 1.0	< 1.0	< 2.0	< 50	19,000	1,300
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

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-1	11/15/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 100	< 185	< 185
MW-1	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-1	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	--
MW-1	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	190	< 240
MW-1	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-1	11/18/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	180	< 250
MW-1	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	160	< 240
MW-1	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	180 Y	< 250
MW-1	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	290 Y	< 250
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-2	10/3/2000	970	56.1	1,480	2,190	13,100	41,400	< 5,500
MW-2	2/28/2001	190	13.3	396	437	4,370	10,900	< 5,500
MW-2	5/30/2001	227	12	374	425	2,980	94,200	< 500
MW-2	8/22/2001	943	53.2	1,670	1,590	11,700	23,800	< 500
MW-2	11/21/2001	138	3.5	204	115	1,300	34,800	< 20,000
MW-2	2/20/2002	25.8	1.48	107	72.2	589	88,900	< 500
MW-2	5/16/2002	263	8.3	460	168	2,250	78,500	--
MW-2	8/2/2002	716	34.4	1,170	662	5,880	15,000	< 5,000
MW-2	12/19/2002	1,150	53.6	2,100	567	8,930	11,800	< 500
MW-2	5/19/2003	113	4.05	187	41.2	1,130	27,900	< 500
MW-2	11/13/2003	236	7.52	361	48.9	2,570	58,000	< 500
MW-2	6/4/2004	9.61	< 0.5	9.86	< 1.0	289	27,200	< 500
MW-2	4/28/2005	3.83	< 0.5	5.11	< 1.0	< 80	13,100	< 500
MW-2	11/16/2005	344	10.3	987	52.4	5,450	4,680	< 500
MW-2	6/13/2006	16.8	< 0.5	14.3	< 1.0	133	2,260	< 556
MW-2	2/26/2007	2.94	< 0.5	3.59	< 1.0	< 50	4,730	< 472
MW-2	5/9/2007	32.4	< 0.5	33.4	1.19	243	2,490	< 472
MW-2	7/16/2007	373	7.68	610	26.8	2,370	9,600	< 472
MW-2	10/25/2007	49.8	< 0.5	50.9	3.3	406	3,490	< 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	1,770	8,440	< 472
MW-2	7/22/2008	0.65	< 0.5	< 0.5	< 1.0	< 50	525	< 472
MW-2	10/21/2008	523	6.78	964	29.3	6,410	3,530	< 472
MW-2	1/20/2009	56.4	0.568	29.7	1.41	405	3,390	< 472
MW-2	7/6/2009	430	5.2	550	28.0	2,900	35,000	1,000
MW-2	3/17/2010	32	< 1.0	5.2	< 2.0	120	780	< 240
MW-2	9/15/2010	512	4.8	665	20.7	814	790	< 380
MW-2	9/18/2010	512	4.8	665	20.7	814	790	< 380
MW-2	3/4/2011	1.4	< 1.0	< 1.0	< 3.0	< 50.0	210	< 380
MW-2	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	310	< 380
MW-2	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	84	< 380
MW-2	11/15/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 100	< 185	199
MW-2	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
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	--	--

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
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	1,300	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	1,300	< 250
MW-2	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1,500	900
MW-2	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 F1	1,800	1,100
MW-2	11/28/2017	< 2.0 *	< 2.0	< 3.0	< 3.0	< 250	1,500	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	1,600	730
MW-2	8/29/2018	18	< 2.0	4.9	< 3.0	< 500	2,900	1,100
MW-2	11/6/2018	4.0	< 2.0	< 3.0	< 3.0	< 250	4,400	3,100
MW-2	3/7/2019	51 F2	< 2.0 F1F2	9.0 F1F2	< 3.0 F1F2	740 F1F2	2,000	1,400
MW-2	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	1,600	1,000
MW-2	9/3/2019	88 F2	4.3 F1	37 F2F1	13 F2F1	1,500 F1F2	3,800 F1	820
MW-2	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	730	1,400
MW-2	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	310	< 350
MW-2	6/10/2020	14	< 2.0	< 3.0	< 3.0	< 250	3,400	1,600
MW-2	8/19/2020	4.6	< 2.0	< 3.0	< 3.0	< 250	2,300	1,100
MW-2	11/5/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	4,300	2,900
MW-2	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	630	830
MW-2	5/11/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	1,900	1,800
MW-2	7/28/2021	110	5.5	32	15	2,600	3,300	440
MW-2	1/18/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	460	650
MW-2	4/19/2022	1.1 F2	< 1.0	< 1.0	< 2.0	< 50	1,300	1,400
MW-2	8/2/2022	91 F2	4.8	14 F1F2	9.5	1,500 F1	1,800 F1	390
MW-2	10/25/2022	43	4.0	12	9.0	1,200 *1	4,100	1,700
MW-2	2/15/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	2,700	2,000
MW-2	4/18/2023	43	< 1.0	1.2	< 2.0	150	2,200	1,300
MW-2	7/19/2023	62	3.7	10	7.2	1,100	3,400	1,100
MW-2	11/7/2023	9.7	< 1.0	1.8	< 2.0	< 100	3,400	2,100
MW-2	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	620	540
MW-2	4/30/2024	4.8	< 1.0	< 1.0	< 2.0	< 150	1,700	1,400
MW-2	8/7/2024	16	< 1.0	1.3	< 2.0	< 150	2,900	1,700
MW-2	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	1,600	1,600
MW-9	2/26/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
MW-9	5/9/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 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	2/27/2018	< 3.0 *	< 2.0 *	< 3.0 *	< 3.0 *	< 250	< 110	< 350
MW-9	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 2500	< 110	< 350
MW-9	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350

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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-9	6/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-9	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-9	5/11/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 350
MW-9	1/18/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-9	4/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-9	8/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-9	2/15/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-9	4/18/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-9	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-12	11/21/2001	25.6	1.16	79.5	6.77	1,150	1,790	< 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	< 1.0	165	1,100	< 500
MW-12	11/13/2003	20	1.38	96.6	7.54	1,520	346	< 500
MW-12	6/4/2004	8.82	< 0.5	6.21	< 1.0	169	< 250	< 500
MW-12	10/7/2004	16.4	0.54	22.8	< 1.0	306	544	< 500
MW-12	4/28/2005	2.24	< 0.5	7.26	< 1.0	< 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	< 1.0	77.2	< 243	< 485
MW-12	5/9/2007	4.75	< 0.5	8.16	< 1.0	117	< 236	< 472
MW-12	7/16/2007	3.66	< 0.5	1.96	< 1.0	173	< 236	< 472
MW-12	10/25/2007	2.4	< 0.5	8.68	< 1.0	241	< 236	< 472
MW-12	1/17/2008	0.723	< 0.5	4.28	< 1.0	53.5	< 236	< 472
MW-12	4/7/2008	1.35	< 0.5	9.46	< 1.0	86.4	< 236	< 472
MW-12	7/22/2008	11.6	2.09	37.1	17.3	1,010	< 240	< 481
MW-12	10/21/2008	0.893	1.25	< 0.5	< 1.0	225	--	--
MW-12	1/20/2009	< 0.5	< 0.5	1.24	< 1.0	< 50	< 236	< 472
MW-12	7/6/2009	< 1.0	22	< 1.0	< 2.0	600	1,200	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	< 1.0	< 1.0	< 1.0	< 3.0	< 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	3.5	< 3.0	< 50	310 *	< 250 *
MW-12	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	440	< 250
MW-12	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	120	< 250
MW-14	7/2/1992	330	39	690	810	--	--	--
MW-14	11/21/2001	175	11.8	294	32.8	8,960	1,900,000	< 238,000

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-14	8/2/2002	226	12.3	331	30.7	4,540	355,000	< 50,000
MW-14	6/4/2004	142	--	514	106	42,300	583,000	1,320
MW-14	11/16/2005	40.5	3.61	108	13.9	3,980	22,200	< 5,000
MW-14	6/13/2006	84.2	7.75	356	25.4	6,730	96,600	< 5,210
MW-14	2/26/2007	12.9	1.01	53.6	16.1	2,870	39,800	< 2,430
MW-14	5/9/2007	74.3	5.54	298	19.9	3,930	89,900	< 4,720
MW-14	7/16/2007	87.4	8.74	389	29.2	3,230	61,600	< 9,430
MW-14	10/25/2007	19.7	< 0.5	107	11.8	3,280	5,550	< 490
MW-14	1/17/2008	11.3	1.15	46.3	5.78	1,880	14,200	< 476
MW-14	4/7/2008	9.4	1.38	57	6.13	1,590	8,260	< 472
MW-14	7/22/2008	47.4	5.56	261	17.8	2,120	4,900	< 2,360
MW-14	10/21/2008	37.8	6.1	345	23.4	3,910	317,000	< 472
MW-14	1/20/2009	4.16	0.609	12.8	2.56	944	4,640	< 485
MW-14	7/6/2009	32	3.4	87	8.9	1,100	140,000	< 2,400
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	3,100	< 380
MW-14	9/16/2010	9.4	1.3	19.2	< 3.0	470	3,100	< 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	1,500	< 380
MW-14	12/17/2013	1	< 1.0	1.5	< 3.0	190	2,600	--
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	6/27/2017	5.5	< 2.0	3.2	< 3.0	< 500	1,200	290
MW-14	11/28/2017	< 2.0 *	< 2.0	< 3.0	< 3.0	< 250	230	< 250
MW-14	2/27/2018	< 3.0 *	< 2.0 F1*	< 3.0 *	< 3.0 *	< 250	230 F1	< 360 F1
MW-14	6/13/2018	5.0	< 2.0	4.2	< 3.0	410	830	< 360
MW-14	11/6/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	830	< 350
MW-14	3/7/2019	< 3.0 F1F2	< 2.0 F1	< 3.0 F1	< 3.0 F1F2	510 F1	710	< 350
MW-14	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	1,400	< 350
MW-14	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-14	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-14	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	210	< 350
MW-14	8/19/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	1,300	370
MW-14	11/5/2020	< 3.0 F1	< 2.0	< 3.0	< 3.0	< 150	150 F2F1	< 350 F2
MW-14	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-14	5/11/2021	2.7	< 1.0	< 1.0	< 2.0	< 250	710	< 370
MW-14	7/28/2021	1.4	< 1.0	< 1.0	< 1.0	< 250	1,500	340
MW-14	1/19/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 370
MW-14	4/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	610	< 360
MW-14	8/2/2022	4.5	< 1.0	1.2	< 1.0	< 250	750	< 280
MW-14	2/15/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	580	< 370
MW-14	4/18/2023	1.4	< 1.0	< 1.0	< 2.0	< 50	600	< 360
MW-14	7/19/2023	3.9	< 1.0	< 1.0	< 2.0	< 50	1,700	630
MW-14	11/7/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	470	< 360

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-14	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-14	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	360	< 360
MW-14	8/7/2024	1.9	< 1.0	< 1.0	< 2.0	< 150	780	390
MW-14	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 190	< 330
MW-17A	4/28/2005	12.5	4.33	122	4.65	2,100	7,926	< 500
MW-17A	11/16/2005	39	1.77	77.5	2.82	2,570	< 245	< 490
MW-17A	6/13/2006	20.3	3.55	104	6.56	2,570	< 250	< 500
MW-17A	2/26/2007	17	2.78	97.8	5.3	3,110	255	< 485
MW-17A	5/9/2007	18.8	3.69	87.6	6.42	3,590	330	< 472
MW-17A	7/16/2007	20.2	3.36	50.8	4.86	1,250	240	< 472
MW-17A	10/25/2007	23.6	1.71	47.3	2.17	2,550	< 236	< 472
MW-17A	1/17/2008	20.2	2.65	81.7	5.95	2,890	< 236	< 472
MW-17A	4/7/2008	21.1	3.22	94.6	6.51	3,740	530	< 472
MW-17A	7/22/2008	23	6.23	9.03	< 5.0	4,760	< 0.243	< 485
MW-17A	10/21/2008	24.2	2.53	21.6	4.34	3,480	658	< 472
MW-17A	1/20/2009	15.1	2.9	71.7	6.72	4,720	786	< 472
MW-17A	7/6/2009	21	2.6	48	6.4	3,800	4,000	1,300
MW-17A	3/1/2010	7.6	2.4	31.3	5.9	3,020	650	< 380
MW-17A	3/17/2010	8.6	1.3	29	3.2	1,600	900	< 240
MW-17A	9/15/2010	13.0	1.9	13.8	3.8	1,070	440	< 380
MW-17A	9/17/2010	13.0	1.9	13.8	3.8	1,070	440	< 380
MW-17A	3/4/2011	7.6	2.4	31.3	5.9	3,020	650	< 380
MW-17A	8/24/2011	9.1	3.2	15.8	5.2	3,340	460	< 380
MW-17A	5/10/2012	34.9	2.4	26.2	4.9	3,220	710	< 380
MW-17A	11/15/2012	64.4	2.7	11.3	4.2	2,710	628	< 182
MW-17A	3/27/2013	200	2.9	15	3.5	2,600	--	--
MW-17A	12/17/2013	130	1.8	8.5	< 3.0	2,100	610	--
MW-17A	6/24/2014	390	3.8	15	3.9	3,800	1,200	< 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	1,700	1,300	380
MW-17A	1/14/2015	380	< 10	23	< 30	3,100	1,100	< 250
MW-17A	4/7/2015	250	4.7	12	3.4	3,400	670 Y	< 240
MW-17A	1/18/2016	2.6	< 2.0	< 3.0	< 3.0	1,100	1,200	< 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-18	12/17/2013	8.4	5.1	1,300	3,500	30,000	4,800	--
MW-18	6/24/2014	14	3.4	52	2,600	36,000	2,200	< 240
MW-18	11/6/2014	110	200	1,100	2,500	19,000	3,800	880
MW-18	1/13/2015	93	920	580	2,400	20,000	2,400	< 240
MW-18	4/6/2015	1,000	6,500	2,100	8,900	18,000	1,800 Y	< 240
MW-18	10/19/2015	470	800	790	2,000	21,000	16,000	790
MW-18	1/19/2016	130	240	910	2,900	26,000	5,400	300
MW-18	4/20/2016	1,000	400	1,400	3,000	27,000	4,800	< 250
MW-18	7/19/2016	420	< 200	1,300	2,600	26,000	3,100	< 250
MW-18	11/8/2016	120	40	690	1,200	16,000	4,000	< 250
MW-18	6/28/2017	550	42	1,400	1,700	22,000	7,100	300
MW-18	9/26/2017	670	27	1,100	960	24,000	4,000	< 250

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-19	12/17/2013	610	10	1,700	34	14,000	3,600	--
MW-19	6/24/2014	440	7.8	4.5	71	1,300	1,500	< 240
MW-19	11/6/2014	690	11	1,500	150	9,600	2,100	< 250
MW-19	11/17/2014	530	12	1,500	130	9,700	2,900	< 250
MW-19	1/15/2015	570	< 50	1,100	< 150	11,000	3,000	< 270
MW-19	4/6/2015	580	9.3	1,600	74	11,000	2,700 Y	< 250
MW-19	7/13/2015	500 H	< 100 H	1,100 H	< 150 H	11,000	3,300 Y	< 250
MW-19	10/20/2015	670	< 20	1,300	45	9,200	1,800	< 250
MW-19	1/19/2016	480 F1	< 20	840	76	9,600	4,500 F2F1	560 F1
MW-19	7/19/2016	680	9.3	1,200	78	9,700	3,300	< 250
MW-19	11/9/2016	810	8.5	1,500	55	9,600	3,300	270
MW-19	6/27/2017	540	7.7	1,300	49	9,300	5,400	630
MW-19	9/27/2017	520	< 20	750	36	12,000	3,500	< 260
MW-19	11/28/2017	620	< 200	970	< 300	9,900	3,000	< 260
MW-19	2/27/2018	500	< 20	1,300	78 *	8,000	3,800	500
MW-19	6/13/2018	400	10	1,300	64	10,000	4,100	390
MW-19	8/29/2018	640	< 20	890	40	14,000 H	3,600	< 360
MW-19	11/6/2018	820	9.2	1,000	53	9,400	3,400	400
MW-19	3/7/2019	380	12	1,600	72	12,000	5,200	680
MW-19	5/28/2019	470	12	1,400	57	9,800	3,300	< 350
MW-19	9/4/2019	810	7.7	720	29	6,000	3,100	< 350
MW-19	11/19/2019	680	8.4	920	34	8,800	3,300	410
MW-19	3/3/2020	450	6.1	850	42	8,000	3,600	560
MW-19	6/9/2020	330	7.6	1,000	38	10,000	4,800	740
MW-19	8/19/2020	1,100	8.2	2,200	36	7,100	3,400	580
MW-19	11/5/2020	660	7.2	960	33	9,200	3,200	540
MW-19	2/3/2021	510	5.4	780	39	7,400	4,100	840
MW-19	5/11/2021	510	7.0	1,100	39	8,000	3,700	610
MW-19	7/28/2021	520	5.8	700	30	6,300	2,000	< 260
MW-19	1/18/2022	560 *1	< 100	470	< 200	6,000	3,700	840
MW-19	4/19/2022	500	< 100	740	< 200	6,500	3,700	570
MW-19	8/2/2022	440	5.5	620	29	6,600	1,500	< 250
MW-19	10/25/2022	760	< 10	340	< 20	5,800 *1	3,000	550
MW-19	2/15/2023	450	< 10	800	29	7,600 B	4,000	840
MW-19	4/18/2023	430	< 10	830	32	7,500	3,900	680
MW-19	7/19/2023	460	< 10	580	21	5,000	3,200	560
MW-19	11/7/2023	580	< 10	490	21	4,500	2,700	390
MW-19	1/24/2024	490	5.2	610	27	6,100	3,300	590
MW-19	4/30/2024	490	< 10	600	26	9,300	3,700	570
MW-19	8/7/2024	470	< 10	500	22	6,700	3,300	520
MW-19 DUP	8/7/2024	460	< 10	480	21	6,500	3,200	540
MW-19	11/12/2024	410	< 10	330	< 20	4,400	3,600	750
MW-20	12/17/2013	590	6.6	7.4	8.5	1,600	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	1,700	650 Y	< 250
MW-20	10/19/2015	330	3.6	5.2	4.7	910	290	< 250

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OPLC Allen Pump Station
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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-20	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	7/20/2016	34	< 20	< 30	< 30	190	270	< 250
MW-20	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	6/27/2017	20	< 2.0	< 3.0	< 3.0	< 500	530	< 250
MW-20	9/26/2017	64	< 2.0	< 3.0	< 3.0	860	600	370
MW-20	11/28/2017	2.5	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-20	2/27/2018	< 3.0 *	< 2.0 *	< 3.0 *	< 3.0 *	< 250	< 110	< 350
MW-20	6/13/2018	< 15	< 10	< 15	< 15	370	310	< 350
MW-20	8/29/2018	37	< 2.0	< 3.0	< 3.0	870 H	150	< 360
MW-20	11/6/2018	8.5	< 2.0	< 3.0	< 3.0	260	180	< 350
MW-20	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-20	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	260	< 350
MW-20	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	270	< 350
MW-20	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-20	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-20	6/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-20	8/19/2020	3.0	< 2.0	< 3.0	< 3.0	320	200	< 330
MW-20	11/5/2020	4.2	< 2.0	< 3.0	< 3.0	210	250	< 340
MW-20	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-20	5/11/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	1,500	1,600
MW-20	7/28/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-20	1/18/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-20	4/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-20	8/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	370	< 120	< 290
MW-20	10/25/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50 *1	130	< 300
MW-20	2/15/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 400
MW-20	4/18/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-20	7/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	65	290	390
MW-20	11/7/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	150	< 350
MW-20	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-20	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-20	8/7/2024	2.5	< 1.0	14	< 2.0	540	320	<370
MW-20	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-21	12/17/2013	62	3.5	550	130	12,000	3,600	--
MW-21	6/24/2014	30	2.3	470	140	12,000	2,200	< 240
MW-21	11/6/2014	300	10	490	180	7,300	2,500	340
MW-21	11/17/2014	200	< 10	800	250	9,300	2,600	< 250
MW-21	1/15/2015	76	< 50	790	230	12,000	4,600	< 240
MW-21	4/7/2015	50	3.1	700	130	13,000	2,600 Y	< 250
MW-21	7/14/2015	41 F1	3.3 F1	340 H	72 H	12,000	2,500 F1Y	< 250 F1
MW-21	10/19/2015	99	2.7	360	98	9,600	2,000	< 250
MW-21	1/18/2016	56	3.6	740	330	14,000	5,300	350
MW-21	4/19/2016	47	2.9	1,000	210	13,000	4,100	< 250
MW-21	7/20/2016	40	2.7	390	46	9,500	4,700	280
MW-21	11/8/2016	44	< 20	680	160	10,000	5,700	260
MW-21	6/27/2017	15	2.9	530	94	9,700	6,000	740
MW-21	9/26/2017	35	< 10	210	50	12,000	9,200	1,200
MW-21	11/28/2017	< 200	< 200	500	< 300	9,600	4,100	250
MW-21	2/27/2018	38 *	< 20	610	140 *	8,900	4,500	420

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-21	6/13/2018	6.3	2.9	460	74	8,500	5,500	530
MW-21	8/29/2018	19	< 10	230	28	13,000 H	7,600	1,600
MW-21	11/6/2018	48	4.1	410	83	9,500	6,100	540
MW-21	3/7/2019	32	3.7	670	130	11,000	9,700	2,600
MW-21	5/28/2019	33	3.8	500	68	7,900	5,700	990
MW-21	9/3/2019	40	4.7	190	40	7,000	9,000	1,400
MW-21	11/19/2019	19	3.6	520	87	11,000	6,000	1,400
MW-21	3/3/2020	35	3.6	710	150	13,000	4,400	390
MW-21	6/9/2020	14	3.5	590 F1	100	12,000	8,500	1,300
MW-21	8/19/2020	15	4.8	450	71	9,700	4,800	950
MW-21	11/5/2020	< 30	3.3	420	46	7,900	6,000	830
MW-21	2/3/2021	16	2.6	640	70	11,000	6,900	1,600
MW-21	5/11/2021	7.2	2.9	530	46	8,400	6,800	2,800
MW-21	7/28/2021	34	5.9	180	47	6,500	3,800	350
MW-21	1/18/2022	13	< 10	600	48	22,000	5,400	1,100
MW-21	4/19/2022	< 10	< 10	490	49	14,000	5,800	1,000
MW-21	8/2/2022	4.3	2.6	230	41	8,400	3,500	440
MW-21	10/25/2022	41	< 10	170	33	8,600 *1	7,100	1,800
MW-21	2/15/2023	12	< 10	550	47	10,000 B	7,300	1,100
MW-21	4/18/2023	14	< 10	500	34	9,600	6,800	1,100
MW-21	7/19/2023	23	< 10	250	33	6,700	7,400	1,800
MW-21	11/7/2023	21	< 10	300	28	5,600	6,000	970
MW-21	1/24/2024	26	< 10	610	51	10,000	9,000	540
MW-21	4/30/2024	13	< 10	360	21	9,900	7,200	1,700
MW-21	8/7/2024	25	< 10	310	28	8,200	8,400	2,700
MW-21	11/12/2024	14	< 10	430	< 20	6,400	5,000	460
MW-21 DUP	11/12/2024	< 1.0	< 1.0	4.3	< 2.0	< 150	4,200	400
MW-22	12/17/2013	< 1.0	< 1.0	41	31	5,600	3,600	--
MW-22	6/24/2014	< 1.0	< 1.0	34	28	6,100	2,800	--
MW-22	11/7/2014	< 1.0	< 1.0	8.2	8.2	2,800	--	--
MW-22	11/18/2014	< 1.0	< 1.0	17	21	2,800	1,900	< 250
MW-22	1/12/2015	< 1.0	< 1.0	16	22	3,800	2,600	280
MW-22	4/7/2015	< 2.0	< 2.0	19	21	5,500	2,100 Y	< 240
MW-22	7/13/2015	< 2.0	< 2.0	20	24	4,400	2,500 Y	< 250
MW-22	10/20/2015	< 2.0	< 2.0	8.2	20	3,400	1,700 F1	< 250 F1
MW-22	1/19/2016	< 2.0	< 2.0	3.3	4.7	1,600	2,800	620
MW-22	4/20/2016	< 2.0	< 2.0	4.7	8.2	1,700	1,600	380
MW-22	7/20/2016	< 200	< 200	< 300	< 300	2,800	2,100	< 250
MW-22	11/9/2016	< 2.0	< 2.0	< 3.0	5.8	1,300	2,600	620
MW-22	6/28/2017	< 2.0	< 2.0	4.1	19	2,300	2,800	580
MW-22	9/27/2017	< 2.0	< 2.0	6.1	6.8	2,400	4,500	1,100
MW-23	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	1,500	2,200	--
MW-23	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	1,400	1,800	< 240
MW-23	11/18/2014	1.9	< 1.0	< 1.0	< 3.0	920	1,800	< 250
MW-23	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	960	2,100	< 250
MW-23	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	1,500	2,000 Y	< 250
MW-23	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	1,100	1,700 Y	< 250
MW-23	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	1,300	860	< 250
MW-23	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	1,600	5,700	820

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-23	4/20/2016	< 2.0	< 2.0	4.4	22	1,500	4,000	610
MW-23	7/20/2016	< 2.0 F1	< 2.0	< 3.0	5.0	1,400	2,800 F1F2	330 F1F2
MW-23	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	1,200	4,100	570
MW-23	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	1,200	4,300	670
MW-23	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	750	3,600	560
MW-24	11/18/2014	4.9	4.3	34	19	1,100	310	< 250
MW-24	1/14/2015	4.7	1.4	100	12	2,100	1,100	< 250
MW-24	4/6/2015	5.3	< 2.0	89	14	2,700	770 Y	< 240
MW-24	7/14/2015	< 40	< 40	270	< 60	4,200 F1	820 Y	< 250
MW-24	10/19/2015	11	< 2.0	180	5.1	3,100	680	< 250
MW-24	1/18/2016	11	13	73	99	3,300	1,800	< 250
MW-24	7/19/2016	17	2.1	53	58	2,300	770	< 250
MW-24	11/9/2016	42	< 2.0	62	10	2,300	1,600	< 250
MW-25	11/19/2014	410	13	2,000	100	13,000	1,300	< 250
MW-25	1/13/2015	350	< 25	1,300	< 75	10,000	2,600	< 240
MW-25	4/6/2015	170	4.1	790	11	9,000	1,800 Y	< 250
MW-25	7/14/2015	130	5.1	360	10	6,300	1,800 Y	< 250
MW-25	10/19/2015	170	6.9	460	37	6,300	1,300	< 250
MW-25	1/18/2016	230	6.0	700	17	11,000	3,300	< 250
MW-25	4/19/2016	220	8.5	1,100	34	9,600	3,300	< 250
MW-25	7/19/2016	210	8.8	660	32	8,300	2,500	< 250
MW-25	11/8/2016	97	5.1	99	11	5,600	2,500	< 250
MW-25	6/27/2017	340	9.1	700	25	8,200	2,700	< 260
MW-25	9/26/2017	270	< 10	150	< 15	5,900	2,500	< 250
MW-27	11/18/2014	< 1.0	< 1.0	18	81	4,800	1,300	360
MW-27	1/13/2015	5.3	< 5.0	120	40	7,400	2,200	< 240
MW-27	4/6/2015	3.3	< 2.0	73 F1	14	8,500	2,000 YF1	< 240
MW-27	7/13/2015	5.8	3.0	270 H	76 H	11,000	3,300 Y	< 270
MW-27	10/19/2015	3.9	< 2.0	160	49	10,000	2,200	< 250
MW-27	1/18/2016	< 2.0	< 2.0	49	3.9	7,600	3,300	< 250
MW-27	7/19/2016	5.7	2.6	120	45	6,500	2,100	< 250
MW-27	6/28/2017	3.0	< 2.0	130	23	5,800	2,400	< 250
MW-27	9/28/2017	6.2	< 2.0	310	8.8	9,900	2,600 F2F1	< 250 F2
MW-28	11/18/2014	48	< 10	530	190	9,500	1,800	300
MW-28	1/13/2015	220	440	400	320	9,900	2,300	< 240
MW-28	4/6/2015	140	240	300	180	9,900	2,300 Y	< 250
MW-28	7/14/2015	40 F1	22 F1	730 F2F1	73	9,100	2,000 Y	< 250
MW-28	10/20/2015	130	34	610	53	8,600	2,200 H	< 250 H
MW-28	7/19/2016	860	56	340	110	6,800	2,300	< 250
MW-28	11/9/2016	2,700	54	510	300	7,700	4,100	< 250
MW-29	11/18/2014	1,300	15	1,000	580	8,000	950	< 250
MW-29	1/14/2015	1,100	110	1,300	2,000	18,000	2,800	< 240
MW-29	4/6/2015	350	62	1,700	5,000	35,000	3,700 Y	< 240
MW-29	7/13/2015	820 H	< 200 H	1,400 H	2,200 H	20,000	2,700 Y	< 250
MW-29	10/20/2015	1,100	100	900	320	7,000	1,400 H	< 250 H
MW-29	1/18/2016	780	64	1,200	2,100	16,000	15,000	13,000

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-29	4/20/2016	340 H	48	1,300 H	580	27,000	3,200 F1	< 250
MW-29	7/19/2016	200	28	510	2,300	14,000	2,300	< 250
MW-29	11/9/2016	5.8	< 2.0	3.0	18	160	310	< 250
MW-29	6/28/2017	86	10 F1	120 E	320	3,500 F2F1	1,400	780 F1
MW-29	9/28/2017	580	40	110	620	9,800	1,800	< 260
MW-31	1/12/2015	3,300	690	3,300	17,000	69,000	4,100	< 240
MW-31	4/6/2015	2,500	590	2,800	18,000	60,000	3,100 Y	< 240
MW-31	7/13/2015	1,500 H	530 H	2,500 H	13,000 H	72,000 H	2,400 Y	< 250
MW-31	10/20/2015	2,200	630	2,800	15,000	57,000	2,100	< 250
MW-31	1/19/2016	2,100	580	2,200	11,000	58,000	4,500	390
MW-31	4/20/2016	2,400 H	< 1000 H	3,000 H	15,000 H	60,000	5,300	290
MW-31	7/19/2016	2,300	570	3,000	16,000	56,000	2,600	320
MW-31	11/9/2016	2,000	470	2,100	9,200	46,000	3,500	390
MW-31	6/28/2017	1,800	420	2,700	12,000	56,000 H	3,200	< 260
MW-31	9/28/2017	2,900	530	2,600	11,000	66,000	3,300	< 250
MW-32	11/18/2014	29	< 10	1,600	150	13,000	1,300	< 250
MW-32	1/13/2015	5.5	2.9	860	39	11,000	2,200	< 240
MW-32	4/6/2015	4.9	4.9	1,300	46	15,000 B	2,800 Y	< 240
MW-32	7/14/2015	< 20	< 20 F1	970 H	< 30	9,800	990 Y	< 250
MW-32	4/20/2016	21	11	1,200 H	29	14,000	5,000	< 250
MW-32	7/19/2016	25	5.6	1,100	36	14,000	3,300	< 250
MW-32	11/8/2016	45	< 20	1,400	< 30	11,000	3,200	< 250
MW-32	6/27/2017	41	6.0	1,000	21	12,000	4,200	< 250
MW-32	9/28/2017	32	< 10	880	< 15	11,000	2,200	< 250
MW-35	1/14/2015	15,000	8,700	2,900	12,000	74,000	3,100	< 250
MW-35	4/6/2015	12,000	11,000	2,700	17,000	80,000	3,400 Y	< 240
MW-35	7/13/2015	8,000 HE	2,600 H	2,200 H	11,000 H	60,000 H	4,100 Y	< 250
MW-35	10/20/2015	10,000	2,100	2,800	9,600	46,000	2,900	< 250
MW-35	1/19/2016	9,400	4,600	2,200	11,000	55,000	4,600	280
MW-35	4/19/2016	11,000	6,800	2,700	13,000	71,000	5,100	250
MW-35	7/19/2016	12,000	18,000	2,800	13,000	82,000	4,900	< 250
MW-35	11/9/2016	10,000	5,700	2,500	11,000	59,000	5,300	280
MW-35	6/28/2017	9,600 E	10,000 E	2,600	13,000	84,000 H	6,700	< 250
MW-35	9/28/2017	11,000	1,000	2,100	7,600	69,000	3,700	< 250
MW-35	11/28/2017	8,800	580	1,900	8,000	48,000	4,100	< 250
MW-35	2/27/2018	12,000 *	3,700	3,000	14,000 *	110,000	4,800	< 350
MW-35	8/29/2018	12,000	1,600	2,900	12,000	88,000 H	7,100	< 360
MW-35	11/6/2018	9,400	960	3,400	14,000	54,000	7,400	450
MW-35	3/7/2019	12,000	740	3,400	14,000	54,000	7,300	520
MW-35	5/28/2019	11,000	< 2000	3,100	15,000	62,000	6,000	< 350
MW-35	9/4/2019	11,000	280	2,600 F1	10,000	22,000 F1F2	4,600 F1	< 350
MW-35	11/19/2019	9,300	440	2,600	13,000	62,000	8,400	580
MW-35	3/3/2020	890	26 F1F2	90 F2	1,600	9,400	680 F2	< 350
MW-35	6/9/2020	3,500	120	840	3,600	21,000	2,500	< 350
MW-35	8/19/2020	6,400	110	1,400	3,500	24,000	2,200	< 350
MW-35	11/5/2020	740	16	45	530	5,200	640	< 360
MW-35	2/3/2021	5,300	140	1,100	4,000	20,000	2,500	< 350
MW-35	5/11/2021	12,000	440 F1	2,500 F1	12,000	43,000	5,700	< 1800

Table 2
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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-35	7/28/2021	9,300	340	2,200	10,000	49,000	2,400	< 260
MW-35	1/18/2022	2,000	68	660	2,700	27,000	6,100	420
MW-35	4/19/2022	6,400	220	1,300	7,100	45,000	7,100	650
MW-35	8/2/2022	9,000	330	2,400	9,300	36,000	2,200	< 260
MW-35	10/25/2022	9,200 H*1	210	2,500	7,800	53,000 *1	5,100	580
MW-35	2/15/2023	10,000	270	3,100	9,500	52,000 B	5,600	410
MW-35	4/18/2023	2,200 F1	< 100	450 F1	2,100 F1	16,000	3,200	< 350
MW-35	7/19/2023	9,600	270	2,800	9,100	46,000	6,100	440
MW-35	11/7/2023	9,800	230	2,600	6,500	33,000	5,700	500
MW-35	1/24/2024	10,000	220	2,600	4,800	31,000	4,200	370
MW-35	4/30/2024	9,900	240	2,900	7,200	58,000	8,000	850
MW-35	8/7/2024	3,000	< 100	960	1,300	< 15,000	--	--
MW-35 DUP	8/7/2024	2,500	< 100	830	1,200	< 15,000	2,800	< 360
MW-35	11/12/2024	740	< 100	280	520 F1	5,600	1,300	< 350
MW-36	1/12/2015	7,300	570	2,700	13,000	59,000	2,400	< 240
MW-36	4/6/2015	5,500	440	2,400	9,900	52,000	3,100 Y	< 250
MW-36	7/13/2015	5,900 H	380 H	2,100 H	10,000 H	47,000 H	3,700 Y	< 250
MW-36	10/20/2015	5,300	360	2,700	13,000	59,000	2,800	< 250
MW-36	1/19/2016	6,100	400	2,200	10,000	49,000	5,500	330
MW-36	4/19/2016	5,900	320	2,700	11,000	49,000	4,500	< 250
MW-36	7/19/2016	6,100	310	2,700	11,000	46,000	3,400	< 250
MW-36	11/9/2016	5,100 F1	250 F1	1,900	6,500	44,000	3,700 F1F2	< 260 F2
MW-36	6/28/2017	5,100 HE	230 H	2,500 H	7,400 H	43,000 H	4,500	< 260
MW-37	11/18/2014	16	6.0	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-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	< 250 F2
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	6/27/2017	7.7	< 2.0	< 3.0	< 3.0	< 500	160	< 250
MW-38	9/26/2017	10	< 2.0	< 3.0	< 3.0	< 500	180	< 250
MW-39	11/18/2014	9.6	12	12	44	430	430	< 250
MW-39	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	72	< 120	< 240
MW-39	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	190 Y	< 260
MW-39	7/13/2015	< 2.0 *	< 2.0 *	< 3.0	< 3.0	< 50	110 Y	< 250

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
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	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	< 3.0 F1	< 3.0 F1	< 250	190 F1F2	< 350
MW-39	11/6/2018	4.9	< 2.0	< 3.0	8.5	< 250	110	< 350
MW-39	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-39	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-39	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-39	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-39	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-39	6/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-39	8/19/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-39	11/5/2020	< 3.0 *	< 2.0	< 3.0	< 3.0	< 150	140	< 330
MW-39	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250 F1	< 110	< 360
MW-39	5/11/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 370
MW-39	7/28/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-39	1/18/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 120	< 390
MW-39	4/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-39	8/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 110	< 270
MW-39	10/25/2022	< 1.0 F1	< 1.0	< 1.0	< 2.0	< 50 *1	< 87	< 280
MW-39	2/15/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	140	< 380
MW-39	4/18/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50 F2	< 110	< 360
MW-39	7/19/2023	< 1.0	< 1.0 **1	< 1.0 **1	< 2.0 **1	< 50	< 110	< 350
MW-39	11/7/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	120	< 360
MW-39	1/24/2024	< 1.0 F1	< 1.0	< 1.0	< 2.0	< 100	< 110	< 350
MW-39	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 360
MW-39	8/7/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	2,500 F1	380
MW-39	8/27/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 360
MW-39	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 190	< 340
MW-40	11/19/2014	1.9	< 1.0	4.9	< 3.0	140	< 130	< 250
MW-40	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-40	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-40	7/13/2015	< 2.0 *	< 2.0 *	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	10/19/2015	6.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	11/19/2014	11	3.5	33	16	1,000	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	2,600 H	590 Y	< 250
MW-41	10/20/2015	120	2.0	25	< 3.0	2,800	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

Table 2
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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-41	7/20/2016	9.4	< 2.0	4.4	< 3.0	310	170	< 250
MW-41	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	6/28/2017	2.7 H	< 2.0	< 3.0 H	< 3.0 H	< 500	< 100	< 250
MW-41	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-41	11/29/2017	< 2.0 *	< 2.0	< 3.0	< 3.0	< 250	< 100	< 260
MW-41	2/28/2018	< 3.0 *	< 2.0 *	< 3.0 *	4.4 *	< 250	< 110	< 360
MW-41	6/12/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-41	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-41	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	530	< 350
MW-41	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-41	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-41	9/3/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-41	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-41	3/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-41	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	140	< 350
MW-41	8/18/2020	11	< 2.0	< 3.0	< 3.0	< 250	100	< 330
MW-41	11/5/2020	< 3.0 *	< 2.0	< 3.0	< 3.0	< 150	< 110	< 360
MW-41	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-41	5/11/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 340
MW-41	7/28/2021	6.4	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-41	1/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-41	4/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-41	8/2/2022	1.6	< 1.0	< 1.0	< 1.0	< 250	< 110	< 270
MW-41	10/25/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50 *1	< 87	< 280
MW-42	11/19/2014	990	17	2,500	5,500	31,000	2,400	< 250
MW-42	1/12/2015	780	22	2,300	4,200	27,000	4,000	< 250
MW-42	4/7/2015	320	32	2,500	7,000	35,000	3,100 Y	< 240
MW-42	7/14/2015	660	< 40	1,800 H	4,500 H	31,000 H	2,300 Y	< 250
MW-42	1/19/2016	170	32	2,000	3,200	23,000	3,100	< 250
MW-42	4/20/2016	290 H	26	2,100 H	3,300 H	26,000	3,000	< 250
MW-42	7/20/2016	< 2,000	< 2,000	< 3,000	6,300	36,000	3,400 *	< 250 *
MW-42	11/9/2016	450	< 40	1,700	3,900	27,000	3,900 F1F2	< 260 F2
MW-43	11/19/2014	< 1.0	5.2	370	1,900	29,000	1,900	< 250
MW-43	1/12/2015	1.2	5.2	290	1,500	33,000	5,700	< 240
MW-43	4/7/2015	4.2	12	410	1,900	32,000	4,700 Y	< 240
MW-43	7/14/2015	< 40	< 40	580	2,000 H	33,000 H	2,600 Y	< 260
MW-43	10/20/2015	31	16	790	2,000	28,000 H	5,100 H	< 250 H
MW-43	1/19/2016	< 2.0	5.2	270	1,400	35,000	5,000 F1	< 250
MW-43	4/20/2016	3.4	7.8	300 H	1,400 H	31,000	4,200	< 250
MW-43	7/20/2016	21	16	540 F1	2,600	34,000	3,900 F1*	< 250 *
MW-43	11/9/2016	< 40	< 40	230	960	20,000	4,900	< 250
MW-43	6/28/2017	24 F1	15	230 E	620	25,000	3,600 F2F1	< 250 F2
MW-43	9/27/2017	< 20	< 20	390	1,100	25,000	4,300	< 260
MW-43	11/29/2017	< 20	< 20	120	520	25,000	4,700	< 250
MW-43	2/28/2018	< 3.0 *	< 200	< 150 *	290 *	21,000	4,300	< 350
MW-43	6/12/2018	23	14	390	1,600	23,000	4,800	< 350
MW-43	8/30/2018	< 20	< 20	400	1,100	27,000	7,500	< 350
MW-43	11/7/2018	3.6	7.2	310	1,500	29,000	9,700	< 350
MW-43	3/7/2019	4.1	18	290	1,200	23,000	6,900	< 350

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-43	5/29/2019	9.8	13	340	490	23,000	5,600	< 350
MW-43	9/3/2019	13	14	420	660	20,000	4,700	< 350
MW-43	11/19/2019	3.9	6.2	350	1,400	28,000	11,000	500
MW-43	3/4/2020	< 3.0	12	160	570	24,000	4,200	< 350
MW-43	6/10/2020	4.5	18	160	530	21,000	5,200	< 350
MW-43	8/18/2020	9.1	9.0	200	770	22,000	4,100	< 330
MW-43	11/5/2020	< 30	5.3	290	1,100	20,000	6,300	< 340
MW-43	2/3/2021	< 3.0	9.2	230	850	21,000 F2	7,800 F1	< 360
MW-43	5/11/2021	6.5	7.3	160	580	18,000	6,200	< 340
MW-43	7/28/2021	2.2	5.8	120	460	23,000	1,300	< 260
MW-43	1/18/2022	< 20 *1	< 20	110	410	27,000	5,700	< 350
MW-43	4/19/2022	< 20	< 20	190	550	30,000	6,000	< 340
MW-43	8/2/2022	5.3	6.5	240	530	17,000	1,200	< 280
MW-43	10/25/2022	5.3	8.2	260	270	20,000 *1	4,700	< 270
MW-44	11/19/2014	130	8.0	1,100	230	9,300	1,400	330
MW-44	1/12/2015	8.2	12	800	1,900	12,000	1,900	< 240
MW-44	4/7/2015	5.2	14	670	100	10,000	1,900 Y	< 240
MW-44	7/13/2015	70 H	< 40 H	920 H	92 H	9,400 H	1,300 Y	< 250
MW-44	10/20/2015	350	33	1,400	77	10,000	1,300	< 250
MW-44	10/20/2015	1,100	17	2,100	4,500	27,000	2,400	< 250
MW-44	1/19/2016	22	7.4	910	180	9,400	1,600	< 250
MW-44	4/20/2016	6.6	6.8	730 H	< 300 H	10,000	1,800	< 250
MW-44	7/20/2016	< 200	< 200	800	< 300	7,700	1,700 *	< 250 *
MW-44	11/9/2016	5.1	4.3	590	82	7,500	1,700	< 250
MW-44	6/28/2017	11	4.7	580 H	54	7,100	< 100	< 250
MW-44	9/27/2017	76	< 10	550	19	8,900	1,300	< 250
MW-44	11/29/2017	< 20	< 20	480	48	7,200	1,600	< 250
MW-44	2/28/2018	7.2 *	< 200	630	72 *	6,200	1,700	< 360
MW-44	6/12/2018	13	3.1	810	69	5,800	2,200	< 360
MW-44	8/30/2018	58	< 10	500	16	9,300	2,100	870
MW-44	11/7/2018	8.4	2.1	500	50	5,400 F2	1,800	< 350
MW-44	3/7/2019	< 3.0	< 2.0	180	16	2,200	550	< 350
MW-44	5/29/2019	7.2 F1	< 2.0 F1	510 F2	52 F1	5,000	2,300 F1	< 350 F1F2
MW-44	9/3/2019	99	6.7	150	11	2,500	1,200	< 350
MW-44	6/10/2020	3.0	< 2.0	220	< 30	2,000	850	< 350
MW-44	5/11/2021	9.8	< 1.0	550	25	6,200	1,700	< 350
MW-44	7/28/2021	9.7	1.3	25	< 1.0	4,200	400	< 250
MW-44	1/18/2022	< 10 *1	< 10	220	< 20	4,100	1,000	< 350
MW-44	4/19/2022	< 10	< 10	140	< 20	6,300	1,900	< 350
MW-44	8/2/2022	1.5	< 1.0	8.9	< 1.0	1,800	220	< 260
MW-44	10/25/2022	7.3	1.5	3.0	3.3	2,400 *1	670	< 280
MW-44	2/15/2023	1.0	< 1.0	53	< 2.0	1,100 B	700	< 370
MW-44	4/18/2023	< 1.0	< 1.0	35	< 2.0	720	350	< 360
MW-44	7/19/2023	3.4	< 1.0	3.2	< 2.0	1,600	590	< 370
MW-44	11/7/2023	1.6	< 1.0	90	2.4	2,400	1,300	< 350
MW-44	1/24/2024	< 1.0	< 1.0	25	< 2.0	1,100	450	< 360
MW-44	4/30/2024	< 1.0	< 1.0	35	< 2.0	750	250	< 360
MW-44	8/7/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	1,800	< 360
MW-44	11/13/2024	< 1.0	< 1.0	2.6	< 2.0	440	< 190	< 340

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-45	11/18/2014	170	74	450	270	5,500	1,300	< 250
MW-45	1/13/2015	9.2	3.5	510	15	9,600	2,400	< 250
MW-45	4/6/2015	6.6	3.7	630	13	10,000	2,400 Y	< 240
MW-45	7/14/2015	< 20	< 20	240	< 30	6,200 H	1,900 Y	< 250
MW-45	10/19/2015	27	3.5	230	24	3,900	680	< 250
MW-45	1/19/2016	7.2	3.1	830	21	10,000	2,900	< 250
MW-45	4/19/2016	5.7	3.7	750	17	10,000	3,000	< 250
MW-45	7/19/2016	12	3.3	680	10	7,900	2,300 *	< 250 *
MW-45	11/8/2016	16	3.1	890	13	5,900	2,200	< 250
MW-45	6/27/2017	9.1	2.5	650	7.5	7,100	< 100	< 250
MW-45	9/26/2017	13	2.2	160	7.0	6,000	1,200	< 250
MW-45	11/28/2017	11	< 2.0	450	4.9	4,500	1,700	< 250
MW-45	2/27/2018	18 *	2.3	< 300 *	6.7 *	5,000	5,400	< 350
MW-45	6/13/2018	7.6	3.7	690	8.8	6,000	3,300	< 360
MW-45	8/29/2018	15	< 10	200	< 15	4,900	2,300	< 350
MW-45	11/6/2018	15	2.6	100	6.4	3,900	1,700	< 350
MW-45	3/7/2019	12	3.2	400	11	7,500	2,300	< 380
MW-45	5/28/2019	< 30	2.0	550	56	6,400	2,900	< 350
MW-45	9/4/2019	19	2.0	190	6.8	4,000	2,100	< 350
MW-45	11/20/2019	19	2.1	410	< 30	7,100	1,800	< 340
MW-45	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-45	8/19/2020	26	< 2.0	230	4.7	3,500	1,200	< 330
MW-45	11/5/2020	< 3.0 *	< 2.0	9.4	< 3.0	750	260	< 340
MW-45	2/3/2021	24	5.4	490	12	5,500	2,600	420
MW-45	5/11/2021	37	8.1	660	16	7,200	2,700	< 1,100
MW-45	7/28/2021	40	1.9	290	< 1.0	4,400	1,200	< 250
MW-45	4/19/2022	1.6	< 1.0	13	< 2.0	950	4,600	720
MW-45	8/2/2022	34	3.8	460	5.9	6,900	1,400	< 280
MW-45	10/25/2022	30 F1	< 10 F1	92 F1	< 20 F1	4,900 *1	2,000	330
MW-45	2/15/2023	47	< 10	440	< 20	6,000	2,900	390
MW-45	4/18/2023	38	4.8	510	8.1	6,600	3,200	< 360
MW-45	7/19/2023	50	< 10	230	< 20	5,500	2,300	< 380
MW-45	11/7/2023	33	2.4	23	4.8	2,600	1,700	< 360
MW-45	1/24/2024	49	3.6	340	6.6	5,100	2,200	< 360
MW-45	4/30/2024	66	< 10	460	< 20	11,000	3,700	< 360
MW-45	8/7/2024	< 10 F1	< 20	150 F1	< 20	5,600 F1	2,600	< 360
MW-45	11/12/2024	75	< 10	420	< 20	5,400	2,900	< 350
MW-45 DUP	11/12/2024	7.9	< 1.0	36	< 2.0	750	2,400	< 350
MW-47	1/13/2015	1.2	< 1.0	< 1.0	< 3.0	430	1,600	< 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-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	< 50 H	< 110	< 250
MW-48	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50 H	< 110 F2F1	< 250

Table 2
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OPLC Allen Pump Station
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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-48	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-48	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-48	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110 *	< 250 *
MW-48	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-48	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	4,900	< 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	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	1,800	< 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	< 110 H	< 250 H
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	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	2,900	< 260
MW-50	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-51	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-51	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-51	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	190	< 250
MW-51	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	7/19/2016	< 2.0	< 2.0	< 3.0	3.2	< 50	< 110 *	< 250 *
MW-51	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 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	14,000	2,900	< 250
MW-52	4/6/2015	280	10	1,600	14	14,000 B	2,700 Y	< 240
MW-52	7/14/2015	330	13	1,600 H	40	14,000 H	2,800 Y	< 250
MW-52	10/19/2015	330 F1	14	1,300 F1	32	13,000	3,400 F1	< 250
MW-52	1/18/2016	400	12	1,400	22	12,000 F1	3,000	< 250
MW-52	4/19/2016	370	8.9	1,400	26	13,000	3,200	< 250
MW-52	7/20/2016	480	15	1,600	60 F1	12,000	3,100 *	< 250 *
MW-52	11/8/2016	550	8.0	1,800	16	11,000	3,900	< 250
MW-52	6/28/2017	330 H	5.9	1,300 H	20	13,000	3,800 *	< 250 *
MW-52	9/28/2017	310	< 20	1,200	< 30	17,000	2,700	< 250

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-53	1/12/2015	12,000	470	2,500	11,000	55,000	3,600	< 240
MW-53	4/6/2015	15,000	440	3,100	14,000	51,000	2,800 Y	< 240
MW-53	7/13/2015	15,000 H	< 1000 H	2,600 H	12,000 H	50,000 H	4,100 Y	< 250
MW-53	10/20/2015	15,000	420	2,600	12,000	44,000 H	3,300	< 250
MW-53	1/19/2016	14,000	410	2,500	11,000	49,000	3,400	< 250
MW-53	4/19/2016	15,000	410	2,800	12,000	51,000	5,600	310
MW-53	7/19/2016	16,000	420	2,800	12,000	44,000	3,200 *	< 250 *
MW-53	11/9/2016	12,000	330	2,400	6,700	34,000	4,600	280
MW-53	6/28/2017	11,000 HE	320 H	2,600 H	9,000 H	44,000 H	5,900 *	< 250 *
MW-53	9/28/2017	12,000	280	3,000	8,700	73,000	5,100	< 250
MW-54	11/16/2005	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-54	2/26/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
MW-54	5/9/2007	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
MW-54	1/17/2008	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-54	4/7/2008	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 238	< 476
MW-54	7/22/2008	< 0.5	< 0.5	0.543	< 1.0	< 50	< 781	< 1560
MW-54	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 240
MW-54	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-54	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-54	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-54	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-54	11/17/2014	2.4	12	8.6	32	530	2,000	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	< 50 H	130	< 250
MW-54	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-54	11/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	--	--
MW-54	2/27/2018	< 3.0 *	< 2.0 *	< 3.0 *	< 3.0 *	< 250	< 110	< 350
MW-54	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	270	--	--
MW-54	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-54	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-54	6/9/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-54	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-54	1/18/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-54	4/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 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	6/28/2017	< 2.0 H	< 2.0	< 3.0 H	< 3.0 H	< 500 H	< 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	< 100 F1	< 250
MW-55	2/28/2018	< 3.0 *	< 2.0 *	< 3.0	< 3.0 *	< 250	< 110	< 350
MW-55	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-55	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 120	< 370
MW-55	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-55	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-55	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-55	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	110	< 350
MW-55	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-55	3/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-55	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	120	< 360
MW-55	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-55	11/4/2020	< 3.0 *	< 2.0	< 3.0	< 3.0	< 150	< 110	< 340
MW-55	2/4/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-55	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 350
MW-55	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-55	1/18/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-55	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-55	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-55	10/25/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	95	290
MW-56	10/20/2015	< 200	< 200	2,400	9,200	41,000 H	3,300 F1	< 250 F1
MW-56	1/19/2016	5.0	12	< 300	870	6,100	1,200	< 250
MW-56	4/20/2016	38	82	1,900 H	7,800 H	40,000	4,100	< 250
MW-56	7/20/2016	51	130	2,200	9,200	48,000	3,500 *	< 250 *
MW-56	11/10/2016	19	45	740	3,000	10,000	1,400	< 250
MW-56	6/28/2017	19	79	1,600 H	7,200 H	36,000 H	2,900 *	< 250 *
MW-56	9/27/2017	< 100	110	2,400	11,000	49,000	2,800	< 250
MW-56	11/29/2017	< 40	< 40	680	3,700	17,000	1,000	< 250
MW-56	2/28/2018	33	34	< 600 *	2,500 *	18,000	1,100	< 350
MW-56	6/13/2018	66	100	2,500	9,400	46,000	3,500	< 360
MW-56	8/30/2018	< 100	120	2,500	9,800	48,000	5,300	< 350
MW-56	11/7/2018	200	74	1,500	6,900	37,000	4,700	< 350
MW-56	11/28/2018	--	--	--	--	--	4,500	380
MW-56	3/7/2019	35	30	560	2,600	16,000	< 110	< 350
MW-56	5/29/2019	120	80	1,300	790	33,000	5,900	< 350
MW-56	9/4/2019	130	68	1,900	6,100	21,000	2,000	< 350
MW-56	11/20/2019	130	44	1,300	4,900	28,000	2,600	< 330
MW-56	6/10/2020	130	85	1,900	7,100	3,100	3,200	< 360
MW-56	8/18/2020	110 F2	44	1,500	4,100	25,000 F1	3,100	< 330
MW-56	11/4/2020	85	18	740	2,300	7,700	1,500	< 330
MW-56	5/12/2021	110	83	2,500	10,000	35,000	4,500	< 340
MW-56	7/29/2021	55	50	1,400	4,600	31,000	3,000	< 250
MW-56	4/20/2022	< 50	< 50	960	3,000	25,000	2,100	< 350
MW-56	8/3/2022	85	32	1,500	2,300	21,000	1,400	< 260
MW-56	10/26/2022	92	39	2,100 H	4,100 H	23,000	4,000	< 370
MW-56	2/16/2023	< 100	< 100	1,100	3,500	23,000 B	3,700	< 360
MW-56	4/19/2023	< 100	< 100	320	880	< 5000	1,000	< 360
MW-56	7/20/2023	< 100	< 100	1,500	3,100	18,000	6,000	400
MW-56	11/8/2023	< 100	< 100	1,500	3,700	19,000	3,600	< 360
MW-56	4/30/2024	< 10	< 10	680	2,700	26,000	2,400	< 370
MW-56	8/8/2024	< 100	< 100	1,500	2,100	22,000	4,200	580
MW-56	11/13/2024	6.8	5.3	580	1,300	9,100	1,700	< 350
MW-57	10/20/2015	2.6	< 2.0	< 3.0	< 3.0	160	< 110	< 250
MW-57	4/20/2016	28	< 2.0	< 3.0	3.4 H	260	220	< 250
MW-57	7/20/2016	22 F1	< 2.0	5.7 F1	4.0	260	< 110	< 250

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-57	11/9/2016	13	< 2.0	< 3.0	< 3.0 F1	150	150 F2	< 250 F2
MW-57	6/28/2017	10	< 2.0	< 3.0 H	< 3.0 H	< 500 H	160 *	< 250 *
MW-57	9/26/2017	38	< 2.0	< 3.0	< 3.0	1,000	160	< 260
MW-57	11/29/2017	4.1	< 2.0	< 3.0	< 3.0	< 250	100	< 260
MW-57	6/13/2018	15	< 2.0	< 3.0	< 3.0	270	150	< 360
MW-57	8/30/2018	42	2.3	< 3.0	3.4	1,200	220	< 360
MW-57	11/7/2018	4.9	< 2.0	< 3.0	< 3.0	< 250	130	< 350
MW-57	11/28/2018	--	--	--	--	--	< 110	< 350
MW-57	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	1,600	< 350
MW-57	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-57	9/4/2019	12	< 2.0	< 3.0	< 3.0	< 250	120	< 350
MW-57	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-57	6/10/2020	8.7	< 2.0	< 3.0	< 3.0	< 250	140	< 360
MW-57	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	130	< 330
MW-57	11/4/2020	< 3.0 *	< 2.0	< 3.0	< 3.0	< 150	120	< 340
MW-57	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 350
MW-57	7/29/2021	1.5	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-57	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	160	< 110	< 360
MW-57	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-57	10/26/2022	1.1	< 1.0	< 1.0	< 2.0	220 H	170	< 380
MW-57	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	120	< 120	< 370
MW-57	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	78	110	< 360
MW-57	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	85	< 120	< 380
MW-57	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	140	< 360
MW-57	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-57	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-57	11/13/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-58	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	1,900	990	< 250
MW-58	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	2,600	8,900	930
MW-58	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	1,800	1,200	< 250
MW-58	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	2,200	4,400 F1F2	660 F1F2
MW-58	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	1,800 H	3,900 *	380 *
MW-58	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	960	4,200	450
MW-58	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	1,300	8,000	1,700
MW-58	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	1,600	6,100	770
MW-58	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	530	5,700	1,500
MW-58	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	400	7,700	8,100
MW-58	11/28/2018	--	--	--	--	--	6,000	5,400
MW-58	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	930	6,400	2,200
MW-58	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	1,300	5,900	2,000
MW-58	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	650	4,000	1,100
MW-58	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	2,200	7,300	2,600
MW-58	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	2,800	6,100	1,300
MW-58	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	1,900	4,600	1,100
MW-58	11/4/2020	< 3.0 *	< 2.0	< 3.0	< 3.0	720	7,100	2,400
MW-58	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	1,700	6,000	2,100
MW-58	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	2,100	7,900	590
MW-58	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	3,300	5,100	1,700
MW-58	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	1,500	2,400	< 250
MW-58	10/26/2022	< 10	< 10	< 10	< 20 F2F1	940	3,300	930

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-58	2/16/2023	< 1.0	< 1.0 *1	< 1.0	< 2.0	1,400	4,700	1,400
MW-58	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	1,800	4,500	1,000
MW-58	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	1,400	8,400	2,700
MW-58	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	800	6,700	2,400
MW-58	1/25/2024	< 1.0	< 1.0	< 1.0	< 2.0	1,400	4,500	1,200
MW-58	5/1/2024	< 1.0	< 1.0	< 1.0	< 2.0	2,500	4,900	1,600
MW-58	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	3,400	3,000	970
MW-58	11/13/2024	< 1.0	< 1.0	< 1.0	< 2.0	1,900	4,100	1,400
MW-59	10/20/2015	2.7	43	< 3.0	< 3.0	2,100	660	< 250
MW-59	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	3,700	9,500	970
MW-59	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	2,500	6,000	280
MW-59	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	2,300	11,000	1,500
MW-59	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	2,700 H	6,600 *	590 *
MW-59	9/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	1,200	8,000	1,000
MW-59	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	2,600	9,200	1,400
MW-59	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	2,300 *	13,000	1,300
MW-59	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	1,000	12,000	2,700
MW-59	11/7/2018	< 3.0	3.7	< 3.0	< 3.0	1,400	6,800	1,300
MW-59	11/28/2018	--	--	--	--	--	9,500	3,200
MW-59	3/7/2019	< 3.0 F2F1	< 2.0 F2F1	< 3.0 F2F1	< 3.0 F2F1	2,400	16,000	3,900
MW-59	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	1,700	18,000	3,400
MW-59	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	1,600	15,000	2,500
MW-59	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	1,800	12,000	2,000
MW-59	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	3,400	11,000	2,000
MW-59	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	2,800	10,000	1,800
MW-59	11/4/2020	< 3.0 *	< 2.0	< 3.0	< 3.0	930	12,000	2,400
MW-59	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	2,500	< 110	< 340
MW-59	7/28/2021	< 1.0	< 1.0	< 1.0	< 1.0	2,100	5,500	370
MW-59	4/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	3,900	2,700	750
MW-59	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	2,100	3,600	290
MW-59	10/26/2022	< 10	< 10	< 10	< 20	1,500 H	8,700	1,900
MW-59	2/16/2023	< 1.0	< 1.0 *1	< 1.0	< 2.0	1,700	4,900	1,100
MW-59	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	2,400	5,900	1,000
MW-59	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	1,400	3,400	780
MW-59	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	580	4,900	1,100
MW-59	5/1/2024	< 1.0	< 1.0	< 1.0	< 2.0	3,000	3,600	870
MW-59	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	3,400	3,100	740
MW-59	11/13/2024	< 1.0	< 1.0	< 1.0	< 2.0	1,100	1,600	440
MW-60	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50 H	< 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	1,700	< 260
MW-60	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 100 *	< 250 *
MW-60	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-60	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	450	< 250
MW-60	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	270 *	< 110	< 360
MW-60	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-60	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-60	3/7/2019	< 3.0 *	< 2.0	< 3.0	< 3.0	< 250	500	< 350

Table 2
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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-60	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-60	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-60	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	6,900	800
MW-60	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-60	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-60	11/4/2020	< 3.0 *F2	< 2.0	< 3.0	< 3.0	< 150	< 100	< 330
MW-60	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	7,400	2,000
MW-60	7/28/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 110	< 280
MW-60	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	170	< 110	< 360
MW-60	8/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-60	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 89	< 280
MW-61	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 100 *	< 250 *
MW-61	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-61	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-61	2/28/2018	< 3.0 *	< 2.0 *	< 3.0	5.8 *	< 250	< 110	< 350
MW-61	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250 *	< 110	< 360
MW-61	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-61	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-61	3/7/2019	< 3.0 *	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-61	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-61	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-61	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-61	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-61	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 110	< 340
MW-61	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100 *1	< 250
MW-61	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-61	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-61	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-61	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-61	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-61	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 380
MW-61	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-61	1/25/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-61	5/1/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-61	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-61	11/13/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-62	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110 H	< 250 H
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	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 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

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OPLC Allen Pump Station
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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-62	2/28/2018	< 3.0 *	< 2.0 *	< 3.0	< 3.0 *	< 250	< 110	< 350
MW-62	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250 *	< 110	< 350
MW-62	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 5,000	< 110	< 350
MW-62	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-62	3/7/2019	< 3.0 *	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-62	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-62	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-62	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-62	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-62	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 100	< 330
MW-62	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 360
MW-62	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100 *1	< 260
MW-62	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-62	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-62	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 380
MW-63	10/20/2015	8.1	7.1	89	120	1,500	260 H	< 250 H
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	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 100 *	< 250 *
MW-63	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-63	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-63	2/28/2018	< 3.0 *	< 2.0 *	< 3.0	< 3.0 *	< 250	300	< 350
MW-63	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250 *	< 110	< 350
MW-63	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-63	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	160	< 350
MW-63	3/7/2019	< 3.0 *	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-63	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-63	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	110	< 350
MW-63	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 330
MW-63	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-63	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-63	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 100	< 330
MW-63	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 340
MW-63	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100 *1	< 260
MW-63	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-63	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-63	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-64	10/19/2015	19	2.0	< 3.0	5.4	1,600	1,900	270
MW-64	1/18/2016	26	2.5	< 3.0	7.4	2,000	3,200	460
MW-64	4/20/2016	29	< 2.0	< 3.0	6.5	1,800	2,900	400
MW-64	7/20/2016	19	< 2.0	< 3.0	5.1	1,600	1,900	< 250
MW-64	11/9/2016	21	2.2	< 3.0	5.9	1,300	2,700	450
MW-64	6/28/2017	10	< 2.0	< 3.0	7.7	1,500 H	2,400 F2*	< 250 F2*
MW-64	9/27/2017	12	< 2.0	< 3.0	5.0	2,400	2,300	< 250
MW-64	11/28/2017	12	< 2.0	< 3.0	4.4	890	2,200	300
MW-64	2/28/2018	17 *	2.0 *	< 3.0	6.5 *	1,600	2,700	430
MW-64	6/12/2018	8.0	< 2.0	< 3.0	5.9	1,300 *	2,600	< 360

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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-64	8/29/2018	9.9	< 2.0	< 3.0	4.9	1,800 H	2,400	500
MW-64	11/6/2018	11	< 2.0	< 3.0	9.3	1,300	3,100	980
MW-64	3/7/2019	12 *	< 2.0	< 3.0	5.1	1,500	3,100	630
MW-64	5/28/2019	4.1 F2	< 2.0 F1F2	< 3.0 F1F2	3.5 F1F2	920 F2	3,500	660
MW-64	9/3/2019	5.2	< 2.0	< 3.0	4.2	1,200	3,000	560
MW-64	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	1,200	3,100	670
MW-64	3/3/2020	4.7	< 2.0	< 3.0	4.2	1,500	2,300	410
MW-64	6/10/2020	< 3.0	< 2.0	< 3.0	3.1	1,800	3,400	820
MW-64	8/18/2020	< 3.0	< 2.0	< 3.0	3.5	1,400	2,400	530
MW-64	11/5/2020	< 3.0	< 2.0	< 3.0	3.8	1,400	3,000	740
MW-64	2/3/2021	3.1	< 2.0	< 3.0	3.1	1,400	3,100	1,300
MW-64	5/11/2021	3.9	1.3	< 1.0	3.4	1,200	2,600	880
MW-64	7/28/2021	2.1	1.3	< 1.0	< 1.0	1,300	2,500	< 260
MW-64	1/18/2022	< 1.0	< 1.0	< 1.0	< 2.0	77	250	450
MW-64	4/19/2022	14	1.5	< 1.0	4.6	2,400	2,700	430
MW-64	8/2/2022	2.6	1.3	< 1.0	< 1.0	1,600	2,200 F1	< 260
MW-64	10/26/2022	1.4	1.8	< 1.0	4.0	1,800	2,300	540
MW-65	10/20/2015	1,900	22	1,100	54	7,200	1,600	< 250
MW-65	1/19/2016	3,700	25	2,500	62	12,000	4,500	310
MW-65	4/19/2016	3,900	< 200	2,600	< 300	14,000	3,900	< 250
MW-65	7/19/2016	2,700	19	1,100	57	8,300	2,600	< 250
MW-65	11/9/2016	2,600	21	1,400	60	7,400	3,700	320
MW-65	6/27/2017	2,100 H	15	1,800 H	36	11,000	4,300 *	< 260 *
MW-65	9/27/2017	2,000	< 40	1,100	< 60	16,000	4,000	280
MW-66	10/20/2015	290	9.2	84	16	4,000	870	< 250
MW-66	1/19/2016	240	5.5	410	14	4,100	2,000	< 250
MW-66	4/19/2016	780	< 200	1,800	< 300	9,600	3,000	< 250
MW-66	7/19/2016	430	7.6	< 150	12	3,100	1,300	< 250
MW-66	11/9/2016	260	7.9	190	11	2,800	1,600	< 250
MW-66	6/27/2017	260	6.6	240	9.8	2,700	1,000 *	< 250 *
MW-66	9/27/2017	310	< 10	72	< 15	6,500	1,400	< 250
MW-66	11/28/2017	190	3.7	86	3.8	1,300	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	2,900 F1F2*	1,300	< 350
MW-66	8/29/2018	280	6.4	49	5.1	3,700 H	1,100	< 350
MW-66	11/6/2018	170	3.5	49	6.8	540	460	< 350
MW-66	3/7/2019	130	2.9	90	4.8	1,900	900	< 350
MW-66	5/28/2019	340	7.6	300	8.5	2,000	1,400	< 350
MW-66	9/3/2019	280	4.9	77	3.4	1,100	1,600	< 350
MW-66	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	130	< 340
MW-66	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-66	6/9/2020	120	2.5	29	< 3.0	740	480	< 350
MW-66	8/19/2020	220	4.8	25	3.0	1,200	840	< 350
MW-66	11/5/2020	8.2	< 2.0	< 3.0	< 3.0	< 150	180	< 350
MW-66	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-66	5/11/2021	150	2.4	50	< 2.0	490	540	< 360
MW-66	7/28/2021	73	2.5	86	< 1.0	1,600	300	< 260
MW-66	4/19/2022	12	< 1.0	8.9	< 2.0	290	230	< 350
MW-66	8/2/2022	79	2.1	54	< 1.0	940	210	< 250

Table 2
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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-66	10/25/2022	210 H*1	5.7	45	4.7	1,600	1,100	380
MW-67	11/10/2016	52	3.7	210	14	1,200	350	< 250
MW-67	6/28/2017	230 E	11	260 E	67	4,300 H	1,400 *	< 250 *
MW-67	9/27/2017	96	6.0	190	27	6,000	1,100	< 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	3,000 *	1,200	< 360
MW-67	8/30/2018	300	13	710	83	2,800 F1	940	< 350
MW-67	11/7/2018	44	< 2.0	72	10	1,500	500	< 360
MW-67	11/28/2018	--	--	--	--	--	110	< 350
MW-67	3/7/2019	87 *	< 2.0	29	3.0	680	350	< 360
MW-67	5/29/2019	620	13	1,000	95	5,500	2,000	< 350
MW-67	9/4/2019	320	8.4	540	79	5,500	1,200	< 350
MW-67	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-67	8/18/2020	340	9.5	860	64	6,900	1,500	< 350
MW-67	11/4/2020	99	2.1	140	11	430	410	< 340
MW-67	5/12/2021	470 F1	< 20	640	< 40	4,000 F1	1,400	< 360
MW-67	7/29/2021	130	1.8	78 F1F2	5.2	490 F1F2	280 *1	< 260
MW-67	4/20/2022	120	< 5.0	87	< 10	2,200	560	< 360
MW-67	8/3/2022	190	6.1	540	31	4,100	450	< 250
MW-67	10/26/2022	180	< 10	230	24	3,800	1,200	< 360
MW-67	2/16/2023	15	< 10	18	< 20	< 500	< 110	< 360
MW-67	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-67	7/20/2023	13	< 1.0	20	3.0	210	140	< 380
MW-67	11/8/2023	29	< 1.0	23	5.1	320	360	< 360
MW-67	1/25/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-67	4/30/2024	35	< 1.0	51	4.4	630	240	< 360
MW-67	8/8/2024	190	5.5	430	54	5,300	1,800	< 350
MW-67	11/13/2024	1.6	1.0	< 1.0	< 2.0	< 150	< 210	< 370
MW-67 DUP	11/13/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-68	11/10/2016	< 2.0	< 2.0	7.7	< 3.0	150	< 110	< 250
MW-68	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 100 *	< 250 *
MW-68	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-68	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-68	2/28/2018	< 3.0 *	< 2.0 *	< 3.0	< 3.0 *	< 250	< 110	< 360
MW-68	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-68	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	3/7/2019	< 3.0 *	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	10/9/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110 *	< 350 *
MW-68	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-68	3/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	6/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	8/18/2020	< 3.0 F1F2	< 2.0 F1F2	< 3.0 F1F2	< 3.0 F1F2	< 250 F1F2	190	< 340
MW-68	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	100	< 330
MW-68	2/4/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-68	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 340
MW-68	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100 *1	< 260

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CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-68	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-68	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-68	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 390
MW-68	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-68	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-68	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 390
MW-68	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-68	1/25/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-68	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 370
MW-68	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 360
MW-68	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 190	< 330
MW-69	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-69	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 100 *	< 250 *
MW-69	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-69	11/29/2017	< 2.0 F1	< 2.0	< 3.0	< 3.0	< 250	< 100	< 260
MW-69	2/28/2018	< 3.0 *	< 2.0 F1*	< 3.0 *	< 3.0 *	< 250	< 110	< 350
MW-69	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 360
MW-69	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	3/7/2019	< 3.0 *	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	10/9/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110 *	< 350 *
MW-69	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-69	3/4/2020	< 3.0 F2F1	< 2.0 F1	< 3.0 F2F1	< 3.0 F1F2	< 250	< 110 F1	< 350 F1
MW-69	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 110	< 340
MW-69	2/4/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 370
MW-69	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 350
MW-69	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100 *1	< 250
MW-69	1/19/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-69	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-69	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-69	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 390
MW-69	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-69	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-69	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-69	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-69	1/25/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-69	5/1/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 370
MW-69	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-69	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 190	< 340
MW-70	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-70	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 100 *	< 250 *
MW-70	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-70	11/29/2017	< 2.0 F1	< 2.0 F1	< 3.0 F1	< 3.0 F1	< 250 F1	< 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	< 110 F1F2	< 350 F1F2
MW-70	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 360
MW-70	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350

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MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-70	3/7/2019	< 3.0 *	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-70	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-70	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-70	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-70	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 320
MW-70	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 110	< 360
MW-70	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-70	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 340
MW-70	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100 *1	< 260
MW-70	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-70	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-70	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 89	< 280
MW-70	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-70	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-70	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 380
MW-70	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-70	1/25/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-70	5/1/2024	< 1.0	< 1.0	< 1.0	< 2.0	470	< 210	< 360
MW-70	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 360
MW-70	11/13/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-71	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 260
MW-71	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	280	< 250
MW-71	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	150	< 250
MW-71	11/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-71	2/28/2018	< 3.0 *	< 2.0 *	< 3.0 *	< 3.0 *	< 250	< 110	< 360
MW-71	6/12/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	200	< 350
MW-71	8/29/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500 H	< 110	< 340
MW-71	11/6/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	380	400
MW-71	3/7/2019	< 3.0 *	< 2.0	< 3.0	< 3.0	< 250	570	450
MW-71	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	540	< 350
MW-71	9/3/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	310	< 350
MW-71	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-71	3/3/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-71	6/10/2020	< 3.0 F1F2	< 2.0 F1F2	< 3.0 F1F2	< 3.0 F1F2	< 250 F1F2	360	480
MW-71	8/18/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 250	140	< 320
MW-71	11/5/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 110	< 340
MW-71	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-71	5/11/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	220	< 340
MW-71	7/28/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	230	< 250
MW-71	1/18/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-71	4/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-71	8/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 110	< 260
MW-71	10/25/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	230	< 390
MW-71	2/15/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	190	< 380
MW-71	4/18/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	210	< 360
MW-71	7/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	220	< 360
MW-71	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	330	380
MW-71	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 350
MW-71	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-71	8/7/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	330	360

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16292 Ovenell Road, Mount Vernon, Washington

CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-71	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-72	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	120	< 360
MW-72	2/4/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-72	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 100	< 330
MW-72	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100 *1	< 250
MW-72	1/19/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-72	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-72	8/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-72	10/25/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 87	< 280
MW-72	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-72	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-72	7/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 610	< 1900
MW-72	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-72	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 350
MW-72	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-72	8/7/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-72	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 190	< 340
MW-73	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 120	< 380
MW-73	2/4/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-73	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 340
MW-73	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100 *1	< 260
MW-73	1/19/2022	< 1.0 *1	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-73	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-73	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 110	< 270
MW-73	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 90	< 280
MW-73	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-73	4/18/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-73	7/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-73	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-73	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 350
MW-73	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-73	8/7/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-73	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-74	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 110	< 340
MW-74	2/4/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-74	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 100	< 330
MW-74	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-74	1/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-74	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-74	8/2/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-74	10/25/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 86	< 280
MW-74	2/15/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-74	4/18/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-74	7/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-74	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-74	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 350
MW-74	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 360
MW-74	8/7/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 360

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
MW-74	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 190	< 340
MW-75	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 110	< 340
MW-75	2/4/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 370
MW-75	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-75	1/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50 *1	< 100	< 330
MW-75	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-75	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 110	< 270
MW-75	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 370
MW-75	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-75	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-75	7/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 350
MW-75	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-75	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-75	4/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-75	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 360
MW-75	11/12/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 190	< 340
MW-76	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 120	< 370
MW-76	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-76	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 350
MW-76	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 110	< 260
MW-76	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-76	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-76	10/26/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-76	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 370
MW-76	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-76	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	370
MW-76	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 370
MW-76	1/25/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-76	5/1/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 350
MW-76	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 200	< 360
MW-76	11/13/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 370
MW-77	11/4/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 150	< 100	< 330
MW-77	2/3/2021	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-77	5/12/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 250	< 110	< 350
MW-77	7/29/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 250
MW-77	1/19/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50 *1	< 110	< 350
MW-77	4/20/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 340
MW-77	8/3/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 250	< 100	< 260
MW-77	10/26/2022	< 1.0 H	< 1.0 H	< 1.0 H	< 2.0 H	< 50 H	< 110	< 350
MW-77	2/16/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-77	4/19/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 110	< 360
MW-77	7/20/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 390
MW-77	11/8/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-77	1/24/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 100	< 110	< 360
MW-77	5/1/2024	< 1.0	< 1.0	< 1.0	< 2.0	310	< 200	< 350
MW-77	8/8/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 210	< 370
MW-77	11/13/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 150	< 190	< 340

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

CONSTITUENT UNIT		B µg/L	T µg/L	E µg/L	X µg/L	TPH-G µg/L	TPH-D µg/L	TPH-O µg/L
MTCA METHOD A CLEANUP LEVELS		5	1,000	700	1000	800	500	500
PW-3	1/20/2009	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 236	< 472
PW-6	1/20/2009	< 0.5	< 0.5	< 0.5	< 1.0	< 50	< 243	< 485
SRW-1	7/16/2007	27.6	1.15	0.801	1.09	316	4,430	< 472
SRW-1	10/25/2007	1.43	< 0.5	< 0.5	< 1.0	< 50	4,830	< 476
SRW-1	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	170	160	--

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 = The TPH-G cleanup level is reduced from 1,000 ug/L to 800 ug/L if benzene is present in the sample

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

µg/L = Micrograms per liter (ppb)

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

MTCA = Model Toxics Control Act

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

*1 = 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

*+ = LCS and/or LCSD is outside acceptance limits, high biased

DUP = Duplicate sample

Figures

Figure 1 – Site Location Map

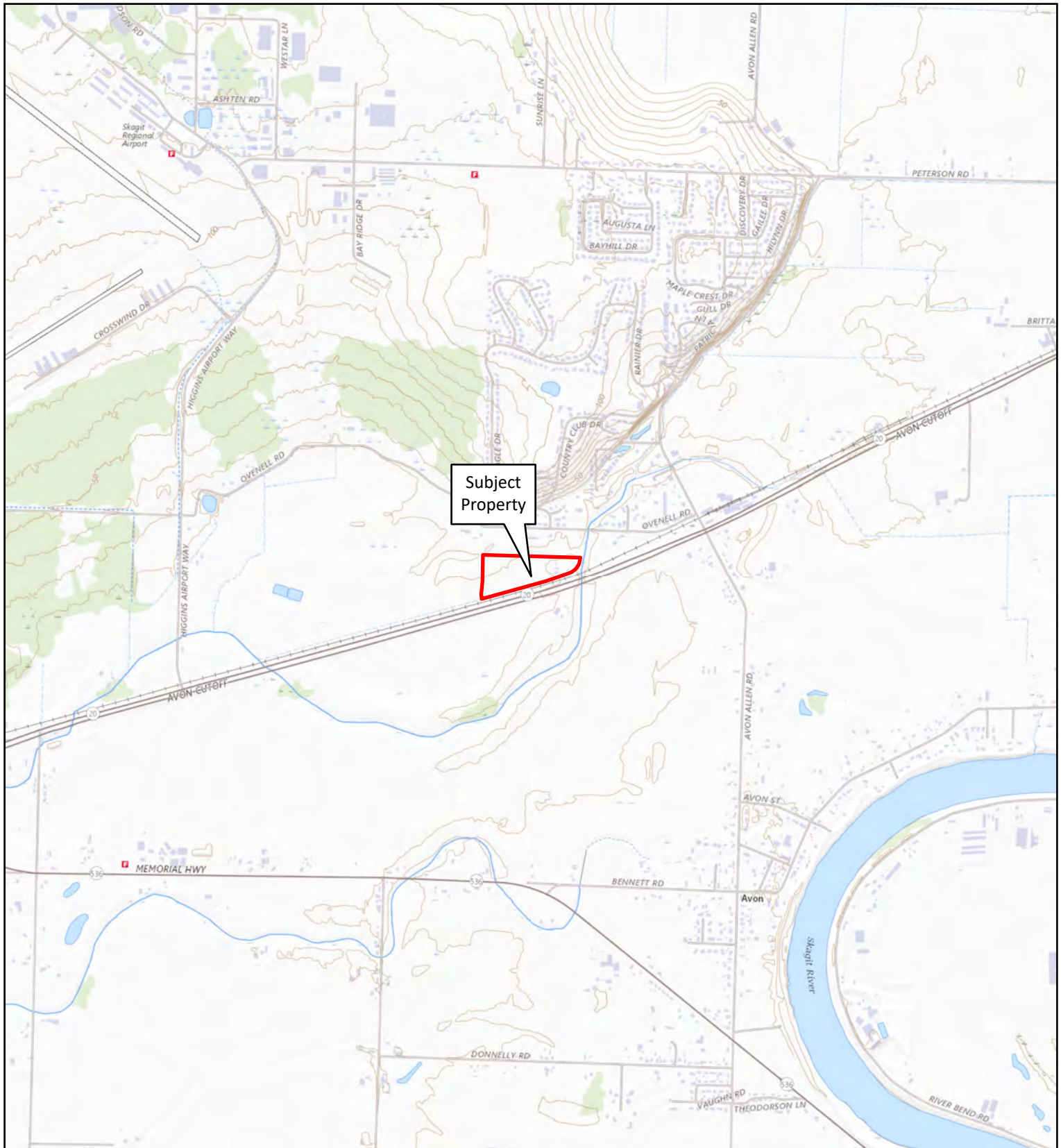
Figure 2 – Expanded Site Map

Figure 3 – Groundwater Elevation Contour Map – August 7, 2024

Figure 4 – Groundwater Analytical Data Map – August 7, 8, and 27, 2024

Figure 5 – Groundwater Elevation Contour Map – November 12, 2024

Figure 6 – Groundwater Analytical Data Map – November 12 and 13, 2024



Subject Property



USGS 7.5-minute
Topographic Series
La Conner, Washington

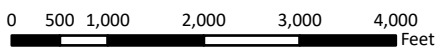
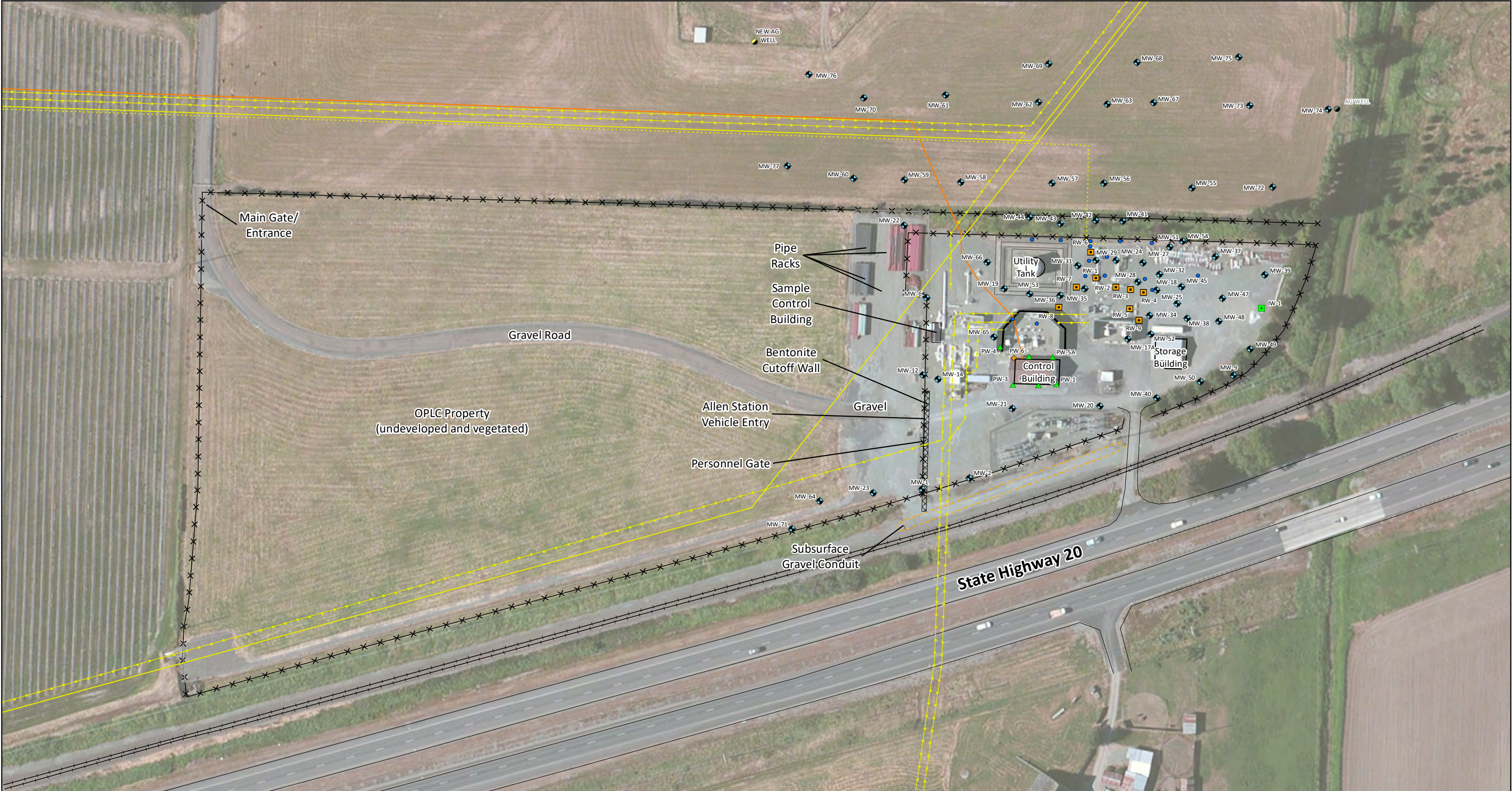


FIGURE 1
SITE LOCATION MAP
OPLC ALLEN PUMP STATION
16292 OVENELL ROAD
MOUNT VERNON, WASHINGTON

PROJECT NO. OPLC - ALLEN STATION 2024	PREPARED BY MB	REF SCALE 1:24,000	
DATE 1/29/2024	REVIEWED BY MR	MAP SCALE 1:24,000	



Legend

- Monitoring Well

Destroyed Monitoring Well

Infiltration Well (not currently in use)

Pumping Well (not currently in use)

Recovery Well

Agricultural Well

Abandoned Agricultural Well

Sample Boring

Temporary Benchmark on Ground outside of NW Corner of Control Building; assumed Elevation of 100'

Cascade Natural Gas Line
- OPLC Pipeline

Abandoned PSE Line

Fiber Optic Line

Berm

Building

Metal Sound Barrier
- Tank

Gravel

Main Gate/Entrance

Pipe Racks

Railroad Track
- Roads

Subsurface Gravel Conduit

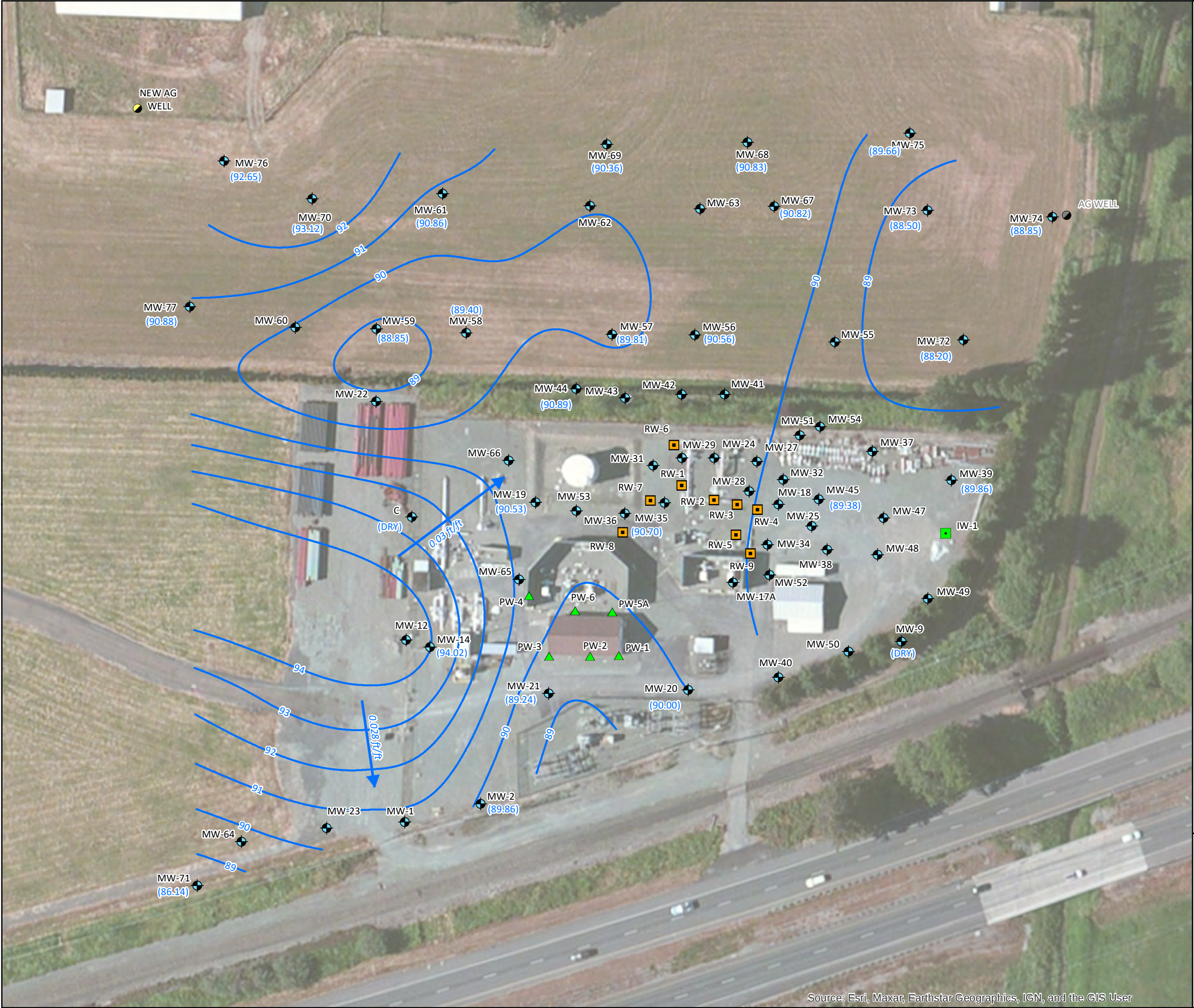
1. The locations shown are approximate.
2. Figure Developed by Antea Group.
3. This figure is for information purposes only. It is intended to assist in the identification of features discussed in a related document. Data were compiled from sources as listed in this figure. The data sources do not guarantee these data are accurate or complete. There may have been updates to the data since the publication of this figure.



FIGURE 2

EXPANDED SITE MAP
OPLC ALLEN PUMP STATION
16292 OVENELL ROAD
MOUNT VERNON, WASHINGTON

PROJECT NO. OPLC - ALLEN STATION 2024	PREPARED BY MB	REF SCALE 1:1,440	
DATE 1/29/2024	REVIEWED BY MR	MAP SCALE 1 inch = 120 feet	



- Legend**
- Monitoring Well
 - Destroyed Monitoring Well
 - Infiltration Well (not currently in use)
 - Pumping Well (not currently in use)
 - Recovery Well
 - Agricultural Well
 - Abandoned Agricultural Well
 - Groundwater Elevation Contours
 - Inferred Groundwater Flow Direction

0.03 ft/ft Groundwater Gradient feet/foot
(90.98) Groundwater Elevation (ft)
(DRY) Well is Dry

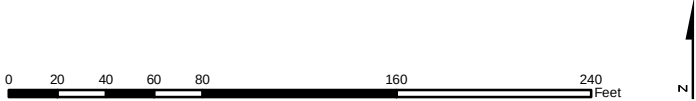
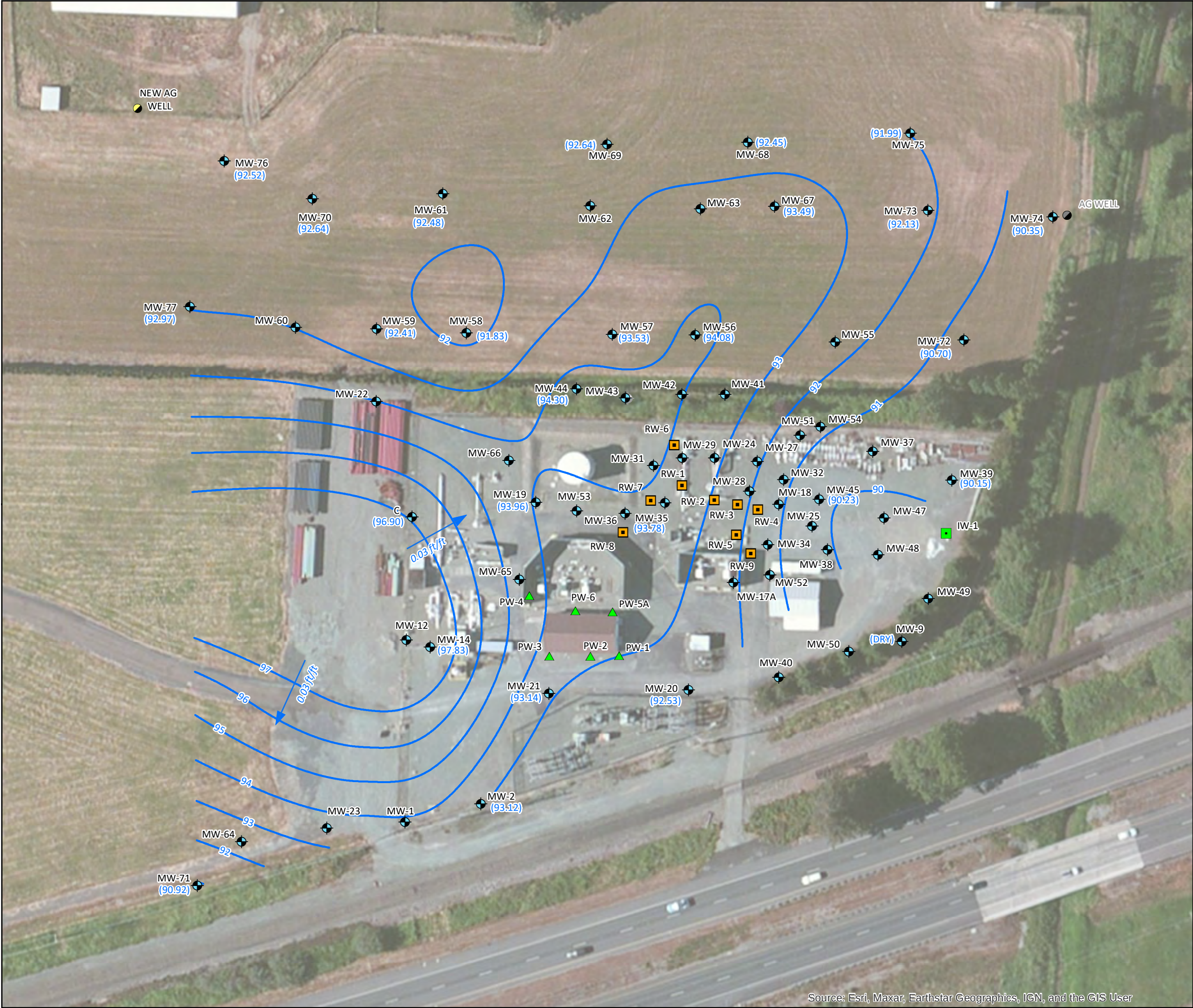


FIGURE 3 GROUNDWATER ELEVATION CONTOUR MAP AUGUST 7, 2024 OPLC ALLEN PUMP STATION 16292 OVENELL ROAD MOUNT VERNON, WASHINGTON			
PROJECT NO. OPLC Allen Station 2024	PREPARED BY DTD/MH	REF SCALE 1:950	
DATE 1/22/2025	REVIEWED BY SN	MAP SCALE 1 inch = 79 feet	

Source: Esri, Maxar, Earthstar Geographics, ICN, and the GIS User

Document Path: Z:\GIS Projects\BP\BP_WA\BP_Seattle\BP_Pipeline\Allen_Station\Layout\2024\Fig3-GWE_3Q24.mxd



- Legend**
- Monitoring Well
 - Destroyed Monitoring Well
 - Infiltration Well (not currently in use)
 - Pumping Well (not currently in use)
 - Recovery Well
 - Agricultural Well
 - Abandoned Agricultural Well
 - Groundwater Elevation Contours
 - Inferred Groundwater Flow Direction

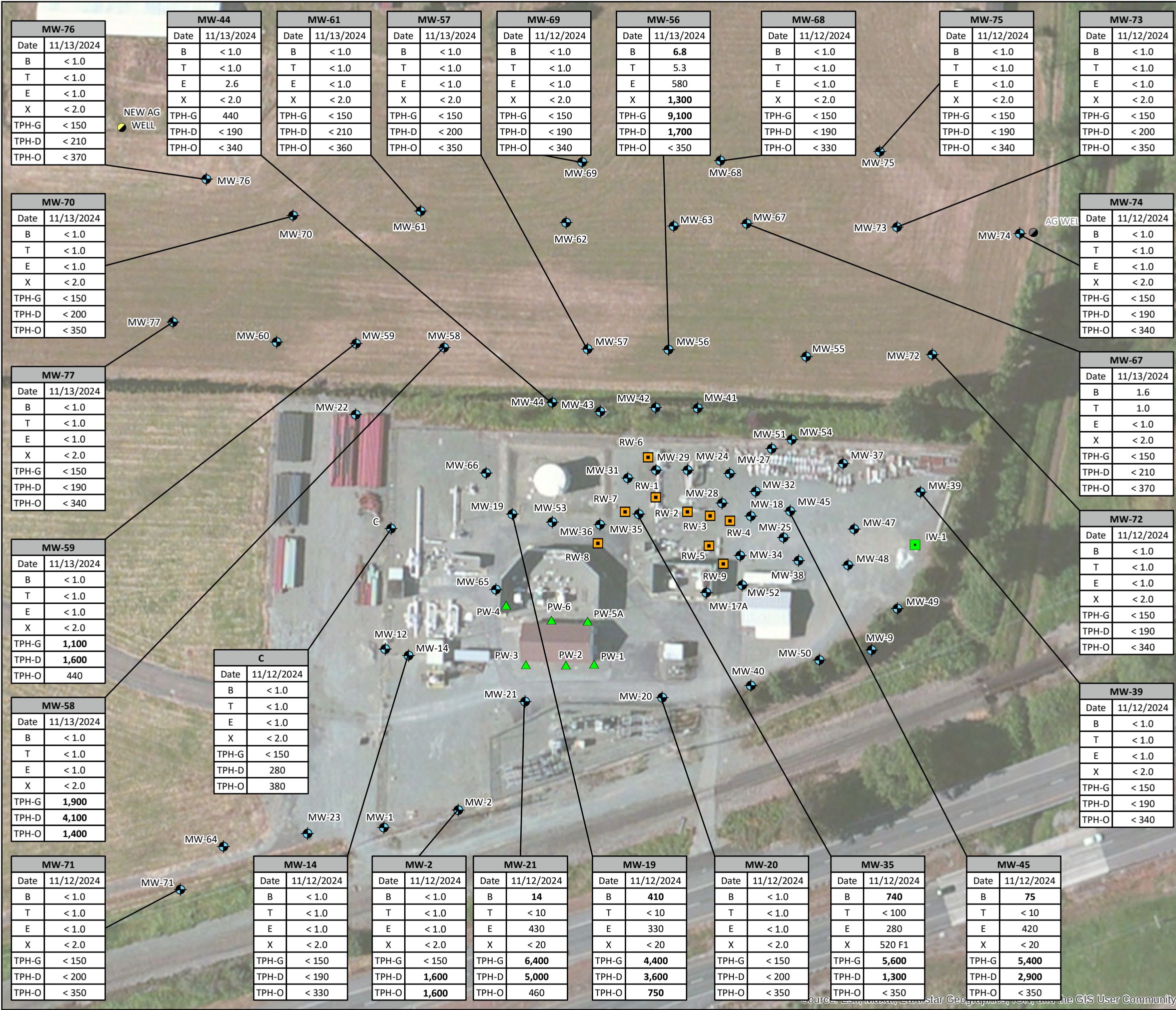
0.03 ft/ft Groundwater Gradient feet/foot
(90.92) Groundwater Elevation (ft)
(DRY) Well is Dry



FIGURE 5 GROUNDWATER ELEVATION CONTOUR MAP NOVEMBER 12, 2024 OPLC ALLEN PUMP STATION 16292 OVENELL ROAD MOUNT VERNON, WASHINGTON			
PROJECT NO. OPLC Allen Station 2024	PREPARED BY MH	REF SCALE 1:950	
DATE 12/31/2024	REVIEWED BY SN	MAP SCALE 1 inch = 79 feet	

Source: Esri, Maxar, Earthstar Geographics, ICN, and the GIS User

Document Path: Z:\GIS Projects\BP\BP_WA\BP_Seattle\BP_Pipeline\Allen_Station\Layout\2024\Fig5-GWE_4Q24.mxd



- Legend**
- Monitoring Well
 - Destroyed Monitoring Well
 - Infiltration Well (not currently in use)
 - Pumping Well (not currently in use)
 - Recovery Well
 - Agricultural Well
 - Abandoned 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.

F1 = MS and/or MSD exceeds control limits.

BOLD = concentrations in excess of MTCA Method A Cleanup Levels

MTCA = Model Toxics Control Act

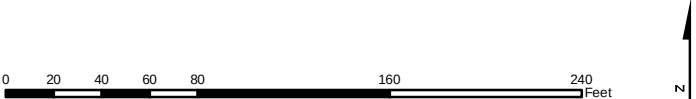


FIGURE 6
GROUNDWATER ANALYTICAL DATA MAP
NOVEMBER 12 and 13, 2024
OPLC ALLEN PUMP STATION
16292 OVENELL ROAD
MOUNT VERNON, WASHINGTON

PROJECT NO. OPLC Allen Station 2024	PREPARED BY DTD	REF SCALE 1:960	
DATE 12/11/2024	REVIEWED BY MR	MAP SCALE 1 inch = 80 feet	

Appendix A – Analytical Lab Reports and Chain of Custody Documentation



ANALYTICAL REPORT

PREPARED FOR

Attn: Megan Richard
Antea USA Inc.
18378-B Redmond Way
Redmond, Washington 98052

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JOB DESCRIPTION

BP - OPLC - Allen Station 2024

JOB NUMBER

580-142849-1

Eurofins Seattle

Job Notes

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Compliance Statement

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 Eurofins Environment Testing (USA) and its client. This report shall not be reproduced, except in full, without written permission from Eurofins Environment Testing (USA). The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.

Authorization



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Authorized for release by
Marie Walker, Senior Project Manager
M.Elaine.Walker@et.eurofinsus.com
(253)248-4972

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Definitions/Glossary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Antea USA Inc.
Project: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Job ID: 580-142849-1

Eurofins Seattle

Job Narrative 580-142849-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 8/9/2024 1:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.2°C, 0.2°C, 1.1°C and 4.4°C.

Receipt Exceptions

3 vials were missing only 3 were submitted and the rest removed from login. MW-44_20240807 (580-142849-8)

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-56_20240808 (580-142849-10). The container labels list MW-36-20240808, while the COC lists MW-56-20240808. The date and time are correct and match the COC. MW-56_20240808 (580-142849-10)

2 HCL ambers and 3 VOA vials were not present when submitted therefore removed from login. MW-35_20240807 (580-142849-6)

Method NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Samples MW-2_20240807 (580-142849-1), MW-14_20240807 (580-142849-2), MW-19_20240807 (580-142849-3), MW-20_20240807 (580-142849-4), MW-21_20240807 (580-142849-5), MW-35_20240807 (580-142849-6), MW-39_20240807 (580-142849-7), MW-39_20240807 (580-142849-7MS), MW-39_20240807 (580-142849-7MSD), MW-44_20240807 (580-142849-8), MW-45_20240807 (580-142849-9), MW-45_20240807 (580-142849-9MS), MW-45_20240807 (580-142849-9MSD), MW-56_20240808 (580-142849-10), MW-57_20240808 (580-142849-11), MW-58_20240808 (580-142849-12), MW-59_20240808 (580-142849-13), MW-61_20240808 (580-142849-14), MW-67_20240808 (580-142849-15), MW-68_20240808 (580-142849-16), MW-69_20240808 (580-142849-17), MW-70_20240808 (580-142849-18), MW-71_20240807 (580-142849-19), MW-72_20240807 (580-142849-20), MW-73_20240807 (580-142849-21), MW-74_20240807 (580-142849-22), MW-75_20240808 (580-142849-23), MW-76_20240808 (580-142849-24), MW-77_20240808 (580-142849-25), Dup-1_20240807 (580-142849-26), Dup-2_20240807 (580-142849-27) and Trip Blank_20240808 (580-142849-28) were analyzed for Northwest - Volatile Petroleum Products (GC/MS). The samples were analyzed on 8/13/2024, 8/14/2024, 8/15/2024, 8/16/2024, 8/17/2024, 8/19/2024 and 8/20/2024.

Surrogate recovery for the following samples were outside the upper control limit: MW-72_20240807 (580-142849-20) and MW-74_20240807 (580-142849-22). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

The matrix spike duplicate (MSD) recovery for analytical batch 580-468483 was outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20240807 (580-142849-3), MW-21_20240807 (580-142849-5), MW-45_20240807 (580-142849-9), MW-45_20240807 (580-142849-9[MS]), MW-45_20240807 (580-142849-9[MSD]), MW-56_20240808 (580-142849-10), and Dup-2_20240807 (580-142849-27). Elevated reporting limits (RLs) are provided.

The following samples were diluted due to the abundance of non-target analytes: MW-35_20240807 (580-142849-6) and Dup-1_20240807 (580-142849-26). Elevated reporting limits (RLs) are provided.

Method 8260D - Volatile Organic Compounds by GC/MS

Eurofins Seattle

Case Narrative

Client: Antea USA Inc.
Project: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Job ID: 580-142849-1 (Continued)

Eurofins Seattle

Samples MW-2_20240807 (580-142849-1), MW-14_20240807 (580-142849-2), MW-19_20240807 (580-142849-3), MW-20_20240807 (580-142849-4), MW-21_20240807 (580-142849-5), MW-35_20240807 (580-142849-6), MW-39_20240807 (580-142849-7), MW-39_20240807 (580-142849-7MS), MW-39_20240807 (580-142849-7MSD), MW-44_20240807 (580-142849-8), MW-45_20240807 (580-142849-9), MW-45_20240807 (580-142849-9MS), MW-45_20240807 (580-142849-9MSD), MW-56_20240808 (580-142849-10), MW-57_20240808 (580-142849-11), MW-58_20240808 (580-142849-12), MW-59_20240808 (580-142849-13), MW-61_20240808 (580-142849-14), MW-67_20240808 (580-142849-15), MW-68_20240808 (580-142849-16), MW-69_20240808 (580-142849-17), MW-70_20240808 (580-142849-18), MW-71_20240807 (580-142849-19), MW-72_20240807 (580-142849-20), MW-73_20240807 (580-142849-21), MW-74_20240807 (580-142849-22), MW-75_20240808 (580-142849-23), MW-76_20240808 (580-142849-24), MW-77_20240808 (580-142849-25), Dup-1_20240807 (580-142849-26), Dup-2_20240807 (580-142849-27) and Trip Blank_20240808 (580-142849-28) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 8/13/2024, 8/14/2024, 8/15/2024, 8/16/2024, 8/19/2024 and 8/20/2024.

Surrogate recovery for the following samples were outside the upper control limit: MW-58_20240808 (580-142849-12), MW-59_20240808 (580-142849-13), MW-72_20240807 (580-142849-20), MW-73_20240807 (580-142849-21), MW-74_20240807 (580-142849-22) and (MB 580-468127/11). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Dibromofluoromethane (Surr) was outside of control limits high in (MB 580-468127/11). Dibromofluoromethane (Surr) is not chemically associated with the target analytes, therefore, results are reported.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20240807 (580-142849-3), MW-21_20240807 (580-142849-5), MW-35_20240807 (580-142849-6), MW-45_20240807 (580-142849-9), MW-45_20240807 (580-142849-9[MS]), MW-45_20240807 (580-142849-9[MSD]), MW-56_20240808 (580-142849-10), MW-67_20240808 (580-142849-15), Dup-1_20240807 (580-142849-26), and Dup-2_20240807 (580-142849-27). Elevated reporting limits (RLs) are provided.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 580-468677 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Samples MW-2_20240807 (580-142849-1), MW-14_20240807 (580-142849-2), MW-19_20240807 (580-142849-3), MW-20_20240807 (580-142849-4), MW-21_20240807 (580-142849-5), MW-39_20240807 (580-142849-7), MW-39_20240807 (580-142849-7MS), MW-39_20240807 (580-142849-7MSD), MW-44_20240807 (580-142849-8), MW-45_20240807 (580-142849-9), MW-45_20240807 (580-142849-9MS), MW-45_20240807 (580-142849-9MSD), MW-56_20240808 (580-142849-10), MW-57_20240808 (580-142849-11), MW-58_20240808 (580-142849-12), MW-59_20240808 (580-142849-13), MW-61_20240808 (580-142849-14), MW-67_20240808 (580-142849-15), MW-68_20240808 (580-142849-16), MW-69_20240808 (580-142849-17), MW-70_20240808 (580-142849-18), MW-71_20240807 (580-142849-19), MW-72_20240807 (580-142849-20), MW-73_20240807 (580-142849-21), MW-74_20240807 (580-142849-22), MW-75_20240808 (580-142849-23), MW-76_20240808 (580-142849-24), MW-77_20240808 (580-142849-25), Dup-1_20240807 (580-142849-26) and Dup-2_20240807 (580-142849-27) were analyzed for Northwest - Semi-Volatile Petroleum Products (GC). The samples were prepared on 8/13/2024 and 8/14/2024 and analyzed on 8/15/2024, 8/16/2024, 8/17/2024 and 8/19/2024.

The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern is not the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-2_20240807 (580-142849-1), MW-19_20240807 (580-142849-3), MW-20_20240807 (580-142849-4), MW-21_20240807 (580-142849-5), MW-39_20240807 (580-142849-7), MW-44_20240807 (580-142849-8), MW-45_20240807 (580-142849-9), MW-56_20240808 (580-142849-10), MW-67_20240808 (580-142849-15), MW-71_20240807 (580-142849-19), Dup-1_20240807 (580-142849-26), and Dup-2_20240807 (580-142849-27).

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 580-468018 and analytical batch 580-468476 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Eurofins Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-2_20240807

Lab Sample ID: 580-142849-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	16		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	1.3		1.0		ug/L	1		8260D	Total/NA
#2 Diesel (C10-C24) - RA	2900		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36) - RA	1700		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-14_20240807

Lab Sample ID: 580-142849-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.9		1.0		ug/L	1		8260D	Total/NA
#2 Diesel (C10-C24) - RA	780		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36) - RA	390		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-19_20240807

Lab Sample ID: 580-142849-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	470		10		ug/L	10		8260D	Total/NA
Ethylbenzene	500		10		ug/L	10		8260D	Total/NA
m-Xylene & p-Xylene	22		20		ug/L	10		8260D	Total/NA
Xylenes, Total	22		20		ug/L	10		8260D	Total/NA
Gasoline	6700		1500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24) - RA	3300		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36) - RA	520		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-20_20240807

Lab Sample ID: 580-142849-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.5		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	14		1.0		ug/L	1		8260D	Total/NA
Gasoline	540		150		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	320		210		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-21_20240807

Lab Sample ID: 580-142849-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	25		10		ug/L	10		8260D	Total/NA
Ethylbenzene	310		10		ug/L	10		8260D	Total/NA
m-Xylene & p-Xylene	28		20		ug/L	10		8260D	Total/NA
Xylenes, Total	28		20		ug/L	10		8260D	Total/NA
Gasoline	8200		1500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	8400		210		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	2700		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-35_20240807

Lab Sample ID: 580-142849-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3000		100		ug/L	100		8260D	Total/NA
Ethylbenzene	960		100		ug/L	100		8260D	Total/NA
m-Xylene & p-Xylene	1300		200		ug/L	100		8260D	Total/NA
Xylenes, Total	1300		200		ug/L	100		8260D	Total/NA

Client Sample ID: MW-39_20240807

Lab Sample ID: 580-142849-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	2500	F1	200		ug/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-39_20240807 (Continued)

Lab Sample ID: 580-142849-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Motor Oil (>C24-C36)	380		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-44_20240807

Lab Sample ID: 580-142849-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	1800		200		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-45_20240807

Lab Sample ID: 580-142849-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	150	F1	10		ug/L	10		8260D	Total/NA
Gasoline	5600	F1	1500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2600		200		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-56_20240808

Lab Sample ID: 580-142849-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1500		100		ug/L	100		8260D	Total/NA
m-Xylene & p-Xylene	2000		200		ug/L	100		8260D	Total/NA
o-Xylene	120		100		ug/L	100		8260D	Total/NA
Xylenes, Total	2100		200		ug/L	100		8260D	Total/NA
Gasoline	22000		15000		ug/L	100		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	4200		210		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	580		370		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-57_20240808

Lab Sample ID: 580-142849-11

No Detections.

Client Sample ID: MW-58_20240808

Lab Sample ID: 580-142849-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	3400		150		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3000		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	970		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-59_20240808

Lab Sample ID: 580-142849-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	3400		150		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24) - RA	3100		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36) - RA	740		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-61_20240808

Lab Sample ID: 580-142849-14

No Detections.

Client Sample ID: MW-67_20240808

Lab Sample ID: 580-142849-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	53		2.0		ug/L	1		8260D	Total/NA
o-Xylene	1.1		1.0		ug/L	1		8260D	Total/NA
Toluene	5.5		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	54		2.0		ug/L	1		8260D	Total/NA
Benzene - DL	190		10		ug/L	10		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-67_20240808 (Continued)

Lab Sample ID: 580-142849-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene - DL	430		10		ug/L	10		8260D	Total/NA
Gasoline	5300		150		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1800		200		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-68_20240808

Lab Sample ID: 580-142849-16

No Detections.

Client Sample ID: MW-69_20240808

Lab Sample ID: 580-142849-17

No Detections.

Client Sample ID: MW-70_20240808

Lab Sample ID: 580-142849-18

No Detections.

Client Sample ID: MW-71_20240807

Lab Sample ID: 580-142849-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	330		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	360		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-72_20240807

Lab Sample ID: 580-142849-20

No Detections.

Client Sample ID: MW-73_20240807

Lab Sample ID: 580-142849-21

No Detections.

Client Sample ID: MW-74_20240807

Lab Sample ID: 580-142849-22

No Detections.

Client Sample ID: MW-75_20240808

Lab Sample ID: 580-142849-23

No Detections.

Client Sample ID: MW-76_20240808

Lab Sample ID: 580-142849-24

No Detections.

Client Sample ID: MW-77_20240808

Lab Sample ID: 580-142849-25

No Detections.

Client Sample ID: Dup-1_20240807

Lab Sample ID: 580-142849-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2500		100		ug/L	100		8260D	Total/NA
Ethylbenzene	830		100		ug/L	100		8260D	Total/NA
m-Xylene & p-Xylene	1200		200		ug/L	100		8260D	Total/NA
Xylenes, Total	1200		200		ug/L	100		8260D	Total/NA
#2 Diesel (C10-C24)	2800		210		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Dup-2_20240807

Lab Sample ID: 580-142849-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	460		10		ug/L	10		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: Dup-2_20240807 (Continued)

Lab Sample ID: 580-142849-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	480		10		ug/L	10		8260D	Total/NA
m-Xylene & p-Xylene	21		20		ug/L	10		8260D	Total/NA
Xylenes, Total	21		20		ug/L	10		8260D	Total/NA
Gasoline	6500		1500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3200		200		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	540		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Trip Blank_20240808

Lab Sample ID: 580-142849-28

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-2_20240807

Lab Sample ID: 580-142849-1

Date Collected: 08/07/24 10:00

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16		1.0		ug/L			08/13/24 18:57	1
Ethylbenzene	1.3		1.0		ug/L			08/13/24 18:57	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/13/24 18:57	1
o-Xylene	ND		1.0		ug/L			08/13/24 18:57	1
Toluene	ND		1.0		ug/L			08/13/24 18:57	1
Xylenes, Total	ND		2.0		ug/L			08/13/24 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		08/13/24 18:57	1
Dibromofluoromethane (Surr)	101		80 - 120		08/13/24 18:57	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		08/13/24 18:57	1
Toluene-d8 (Surr)	96		80 - 120		08/13/24 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/13/24 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		08/13/24 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2900		200		ug/L		08/13/24 08:24	08/17/24 05:43	1
Motor Oil (>C24-C36)	1700		360		ug/L		08/13/24 08:24	08/17/24 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	54		50 - 150	08/13/24 08:24	08/17/24 05:43	1

Client Sample ID: MW-14_20240807

Lab Sample ID: 580-142849-2

Date Collected: 08/07/24 14:30

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.9		1.0		ug/L			08/13/24 19:20	1
Ethylbenzene	ND		1.0		ug/L			08/13/24 19:20	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/13/24 19:20	1
o-Xylene	ND		1.0		ug/L			08/13/24 19:20	1
Toluene	ND		1.0		ug/L			08/13/24 19:20	1
Xylenes, Total	ND		2.0		ug/L			08/13/24 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		08/13/24 19:20	1
4-Bromofluorobenzene (Surr)	103		80 - 120		08/15/24 20:35	1
Dibromofluoromethane (Surr)	106		80 - 120		08/13/24 19:20	1
Dibromofluoromethane (Surr)	109		80 - 120		08/15/24 20:35	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		08/13/24 19:20	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		08/15/24 20:35	1
Toluene-d8 (Surr)	95		80 - 120		08/13/24 19:20	1
Toluene-d8 (Surr)	95		80 - 120		08/15/24 20:35	1

Eurofins Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-14_20240807

Lab Sample ID: 580-142849-2

Date Collected: 08/07/24 14:30

Matrix: Water

Date Received: 08/09/24 13:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/15/24 20:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123					08/15/24 20:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	780		200		ug/L		08/13/24 08:24	08/17/24 06:03	1
Motor Oil (>C24-C36)	390		360		ug/L		08/13/24 08:24	08/17/24 06:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	53		50 - 150				08/13/24 08:24	08/17/24 06:03	1

Client Sample ID: MW-19_20240807

Lab Sample ID: 580-142849-3

Date Collected: 08/07/24 13:40

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	470		10		ug/L			08/16/24 07:03	10
Ethylbenzene	500		10		ug/L			08/16/24 07:03	10
m-Xylene & p-Xylene	22		20		ug/L			08/16/24 07:03	10
o-Xylene	ND		10		ug/L			08/16/24 07:03	10
Toluene	ND		10		ug/L			08/16/24 07:03	10
Xylenes, Total	22		20		ug/L			08/16/24 07:03	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120					08/16/24 07:03	10
Dibromofluoromethane (Surr)	102		80 - 120					08/16/24 07:03	10
1,2-Dichloroethane-d4 (Surr)	98		80 - 120					08/16/24 07:03	10
Toluene-d8 (Surr)	98		80 - 120					08/16/24 07:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6700		1500		ug/L			08/16/24 07:03	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123					08/16/24 07:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3300		200		ug/L		08/13/24 08:24	08/17/24 06:23	1
Motor Oil (>C24-C36)	520		350		ug/L		08/13/24 08:24	08/17/24 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	62		50 - 150				08/13/24 08:24	08/17/24 06:23	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-20_20240807

Lab Sample ID: 580-142849-4

Date Collected: 08/07/24 10:35

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.5		1.0		ug/L			08/16/24 01:37	1
Ethylbenzene	14		1.0		ug/L			08/16/24 01:37	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/16/24 01:37	1
o-Xylene	ND		1.0		ug/L			08/16/24 01:37	1
Toluene	ND		1.0		ug/L			08/16/24 01:37	1
Xylenes, Total	ND		2.0		ug/L			08/16/24 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		08/16/24 01:37	1
Dibromofluoromethane (Surr)	101		80 - 120		08/16/24 01:37	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		08/16/24 01:37	1
Toluene-d8 (Surr)	100		80 - 120		08/16/24 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	540		150		ug/L			08/16/24 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123					08/16/24 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	320		210		ug/L		08/13/24 08:28	08/16/24 18:24	1
Motor Oil (>C24-C36)	ND		370		ug/L		08/13/24 08:28	08/16/24 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	57		50 - 150				08/13/24 08:28	08/16/24 18:24	1

Client Sample ID: MW-21_20240807

Lab Sample ID: 580-142849-5

Date Collected: 08/07/24 10:50

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	25		10		ug/L			08/16/24 07:26	10
Ethylbenzene	310		10		ug/L			08/16/24 07:26	10
m-Xylene & p-Xylene	28		20		ug/L			08/16/24 07:26	10
o-Xylene	ND		10		ug/L			08/16/24 07:26	10
Toluene	ND		10		ug/L			08/16/24 07:26	10
Xylenes, Total	28		20		ug/L			08/16/24 07:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		08/16/24 07:26	10
Dibromofluoromethane (Surr)	101		80 - 120		08/16/24 07:26	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		08/16/24 07:26	10
Toluene-d8 (Surr)	99		80 - 120		08/16/24 07:26	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8200		1500		ug/L			08/16/24 07:26	10

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-21_20240807

Lab Sample ID: 580-142849-5

Date Collected: 08/07/24 10:50

Matrix: Water

Date Received: 08/09/24 13:20

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123					08/16/24 07:26	10
Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	8400		210		ug/L		08/13/24 08:28	08/16/24 18:45	1
Motor Oil (>C24-C36)	2700		360		ug/L		08/13/24 08:28	08/16/24 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	51		50 - 150				08/13/24 08:28	08/16/24 18:45	1

Client Sample ID: MW-35_20240807

Lab Sample ID: 580-142849-6

Date Collected: 08/07/24 13:45

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3000		100		ug/L			08/16/24 19:38	100
Ethylbenzene	960		100		ug/L			08/16/24 19:38	100
m-Xylene & p-Xylene	1300		200		ug/L			08/16/24 19:38	100
o-Xylene	ND		100		ug/L			08/16/24 19:38	100
Toluene	ND		100		ug/L			08/16/24 19:38	100
Xylenes, Total	1300		200		ug/L			08/16/24 19:38	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120					08/16/24 19:38	100
Dibromofluoromethane (Surr)	102		80 - 120					08/16/24 19:38	100
1,2-Dichloroethane-d4 (Surr)	103		80 - 120					08/16/24 19:38	100
Toluene-d8 (Surr)	99		80 - 120					08/16/24 19:38	100
Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		15000		ug/L			08/16/24 19:38	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		77 - 123					08/16/24 19:38	100

Client Sample ID: MW-39_20240807

Lab Sample ID: 580-142849-7

Date Collected: 08/07/24 11:15

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/15/24 20:12	1
Ethylbenzene	ND		1.0		ug/L			08/15/24 20:12	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/15/24 20:12	1
o-Xylene	ND		1.0		ug/L			08/15/24 20:12	1
Toluene	ND		1.0		ug/L			08/15/24 20:12	1
Xylenes, Total	ND		2.0		ug/L			08/15/24 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120					08/15/24 20:12	1
Dibromofluoromethane (Surr)	114		80 - 120					08/15/24 20:12	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-39_20240807

Lab Sample ID: 580-142849-7

Date Collected: 08/07/24 11:15

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		08/15/24 20:12	1
Toluene-d8 (Surr)	95		80 - 120		08/15/24 20:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/17/24 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123					08/17/24 04:09	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)	2500	F1	200		ug/L		08/13/24 08:28	08/16/24 19:06	1
Motor Oil (>C24-C36)	380		350		ug/L		08/13/24 08:28	08/16/24 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	55		50 - 150				08/13/24 08:28	08/16/24 19:06	1

Client Sample ID: MW-44_20240807

Lab Sample ID: 580-142849-8

Date Collected: 08/07/24 14:25

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/16/24 02:01	1
Ethylbenzene	ND		1.0		ug/L			08/16/24 02:01	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/16/24 02:01	1
o-Xylene	ND		1.0		ug/L			08/16/24 02:01	1
Toluene	ND		1.0		ug/L			08/16/24 02:01	1
Xylenes, Total	ND		2.0		ug/L			08/16/24 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120					08/16/24 02:01	1
Dibromofluoromethane (Surr)	101		80 - 120					08/16/24 02:01	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120					08/16/24 02:01	1
Toluene-d8 (Surr)	101		80 - 120					08/16/24 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/16/24 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		77 - 123					08/16/24 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1800		200		ug/L		08/13/24 08:28	08/16/24 20:07	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/13/24 08:28	08/16/24 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	53		50 - 150				08/13/24 08:28	08/16/24 20:07	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-45_20240807

Lab Sample ID: 580-142849-9

Date Collected: 08/07/24 11:40

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	F1	10		ug/L			08/19/24 21:11	10
Ethylbenzene	150	F1	10		ug/L			08/19/24 21:11	10
m-Xylene & p-Xylene	ND		20		ug/L			08/19/24 21:11	10
o-Xylene	ND		10		ug/L			08/19/24 21:11	10
Toluene	ND		10		ug/L			08/19/24 21:11	10
Xylenes, Total	ND		20		ug/L			08/19/24 21:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		08/19/24 21:11	10
Dibromofluoromethane (Surr)	101		80 - 120		08/19/24 21:11	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		08/19/24 21:11	10
Toluene-d8 (Surr)	98		80 - 120		08/19/24 21:11	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5600	F1	1500		ug/L			08/16/24 20:47	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123		08/16/24 20:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2600		200		ug/L		08/13/24 08:28	08/16/24 20:28	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/13/24 08:28	08/16/24 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	53		50 - 150	08/13/24 08:28	08/16/24 20:28	1

Client Sample ID: MW-56_20240808

Lab Sample ID: 580-142849-10

Date Collected: 08/08/24 10:05

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		100		ug/L			08/20/24 10:45	100
Ethylbenzene	1500		100		ug/L			08/20/24 10:45	100
m-Xylene & p-Xylene	2000		200		ug/L			08/20/24 10:45	100
o-Xylene	120		100		ug/L			08/20/24 10:45	100
Toluene	ND		100		ug/L			08/20/24 10:45	100
Xylenes, Total	2100		200		ug/L			08/20/24 10:45	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120		08/20/24 10:45	100
Dibromofluoromethane (Surr)	101		80 - 120		08/20/24 10:45	100
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		08/20/24 10:45	100
Toluene-d8 (Surr)	99		80 - 120		08/20/24 10:45	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	22000		15000		ug/L			08/20/24 10:45	100

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-56_20240808

Lab Sample ID: 580-142849-10

Date Collected: 08/08/24 10:05

Matrix: Water

Date Received: 08/09/24 13:20

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123					08/20/24 10:45	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)	4200		210		ug/L		08/13/24 08:28	08/16/24 21:49	1
Motor Oil (>C24-C36)	580		370		ug/L		08/13/24 08:28	08/16/24 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	54		50 - 150				08/13/24 08:28	08/16/24 21:49	1

Client Sample ID: MW-57_20240808

Lab Sample ID: 580-142849-11

Date Collected: 08/08/24 10:35

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/20/24 06:06	1
Ethylbenzene	ND		1.0		ug/L			08/20/24 06:06	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/20/24 06:06	1
o-Xylene	ND		1.0		ug/L			08/20/24 06:06	1
Toluene	ND		1.0		ug/L			08/20/24 06:06	1
Xylenes, Total	ND		2.0		ug/L			08/20/24 06:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120					08/20/24 06:06	1
Dibromofluoromethane (Surr)	102		80 - 120					08/20/24 06:06	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 120					08/20/24 06:06	1
Toluene-d8 (Surr)	98		80 - 120					08/20/24 06:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/20/24 06:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123					08/20/24 06:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		210		ug/L		08/13/24 08:28	08/16/24 22:09	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/13/24 08:28	08/16/24 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	54		50 - 150				08/13/24 08:28	08/16/24 22:09	1

Client Sample ID: MW-58_20240808

Lab Sample ID: 580-142849-12

Date Collected: 08/08/24 10:49

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/14/24 08:49	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 08:49	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 08:49	1

Eurofins Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-58_20240808

Lab Sample ID: 580-142849-12

Date Collected: 08/08/24 10:49

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0		ug/L			08/14/24 08:49	1
Toluene	ND		1.0		ug/L			08/14/24 08:49	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 08:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		80 - 120					08/14/24 08:49	1
Dibromofluoromethane (Surr)	118		80 - 120					08/14/24 08:49	1
1,2-Dichloroethane-d4 (Surr)	122	S1+	80 - 120					08/14/24 08:49	1
Toluene-d8 (Surr)	92		80 - 120					08/14/24 08:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	3400		150		ug/L			08/14/24 08:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		77 - 123					08/14/24 08:49	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)	3000		200		ug/L		08/13/24 08:28	08/16/24 22:29	1
Motor Oil (>C24-C36)	970		360		ug/L		08/13/24 08:28	08/16/24 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	62		50 - 150				08/13/24 08:28	08/16/24 22:29	1

Client Sample ID: MW-59_20240808

Lab Sample ID: 580-142849-13

Date Collected: 08/08/24 11:07

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/14/24 09:12	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 09:12	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 09:12	1
o-Xylene	ND		1.0		ug/L			08/14/24 09:12	1
Toluene	ND		1.0		ug/L			08/14/24 09:12	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 09:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		80 - 120					08/14/24 09:12	1
Dibromofluoromethane (Surr)	127	S1+	80 - 120					08/14/24 09:12	1
1,2-Dichloroethane-d4 (Surr)	124	S1+	80 - 120					08/14/24 09:12	1
Toluene-d8 (Surr)	92		80 - 120					08/14/24 09:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	3400		150		ug/L			08/14/24 09:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		77 - 123					08/14/24 09:12	1

Eurofins Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-59_20240808

Lab Sample ID: 580-142849-13

Date Collected: 08/08/24 11:07

Matrix: Water

Date Received: 08/09/24 13:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3100		200		ug/L		08/13/24 08:28	08/19/24 12:01	1
Motor Oil (>C24-C36)	740		360		ug/L		08/13/24 08:28	08/19/24 12:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150				08/13/24 08:28	08/19/24 12:01	1

Client Sample ID: MW-61_20240808

Lab Sample ID: 580-142849-14

Date Collected: 08/08/24 10:30

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/14/24 04:35	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 04:35	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 04:35	1
o-Xylene	ND		1.0		ug/L			08/14/24 04:35	1
Toluene	ND		1.0		ug/L			08/14/24 04:35	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 04:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120					08/14/24 04:35	1
Dibromofluoromethane (Surr)	114		80 - 120					08/14/24 04:35	1
1,2-Dichloroethane-d4 (Surr)	111		80 - 120					08/14/24 04:35	1
Toluene-d8 (Surr)	95		80 - 120					08/14/24 04:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 04:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123					08/14/24 04:35	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		200		ug/L		08/13/24 08:28	08/16/24 23:09	1
Motor Oil (>C24-C36)	ND		350		ug/L		08/13/24 08:28	08/16/24 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	56		50 - 150				08/13/24 08:28	08/16/24 23:09	1

Client Sample ID: MW-67_20240808

Lab Sample ID: 580-142849-15

Date Collected: 08/08/24 08:30

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	53		2.0		ug/L			08/14/24 09:35	1
o-Xylene	1.1		1.0		ug/L			08/14/24 09:35	1
Toluene	5.5		1.0		ug/L			08/14/24 09:35	1
Xylenes, Total	54		2.0		ug/L			08/14/24 09:35	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-67_20240808

Lab Sample ID: 580-142849-15

Date Collected: 08/08/24 08:30

Matrix: Water

Date Received: 08/09/24 13:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		08/14/24 09:35	1
Dibromofluoromethane (Surr)	95		80 - 120		08/14/24 09:35	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		08/14/24 09:35	1
Toluene-d8 (Surr)	98		80 - 120		08/14/24 09:35	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	190		10		ug/L			08/16/24 23:32	10
Ethylbenzene	430		10		ug/L			08/16/24 23:32	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		08/16/24 23:32	10
Dibromofluoromethane (Surr)	102		80 - 120		08/16/24 23:32	10
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		08/16/24 23:32	10
Toluene-d8 (Surr)	96		80 - 120		08/16/24 23:32	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5300		150		ug/L			08/14/24 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		77 - 123		08/14/24 09:35	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)	1800		200		ug/L		08/13/24 08:28	08/16/24 23:29	1
Motor Oil (>C24-C36)	ND		350		ug/L		08/13/24 08:28	08/16/24 23:29	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	55		50 - 150				08/13/24 08:28	08/16/24 23:29	1

Client Sample ID: MW-68_20240808

Lab Sample ID: 580-142849-16

Date Collected: 08/08/24 09:20

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/15/24 23:40	1
Ethylbenzene	ND		1.0		ug/L			08/15/24 23:40	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/15/24 23:40	1
o-Xylene	ND		1.0		ug/L			08/15/24 23:40	1
Toluene	ND		1.0		ug/L			08/15/24 23:40	1
Xylenes, Total	ND		2.0		ug/L			08/15/24 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		08/15/24 23:40	1
Dibromofluoromethane (Surr)	104		80 - 120		08/15/24 23:40	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		08/15/24 23:40	1
Toluene-d8 (Surr)	98		80 - 120		08/15/24 23:40	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-68_20240808

Lab Sample ID: 580-142849-16

Date Collected: 08/08/24 09:20

Matrix: Water

Date Received: 08/09/24 13:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		77 - 123					08/14/24 04:58	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		200		ug/L		08/13/24 08:28	08/16/24 23:49	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/13/24 08:28	08/16/24 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	56		50 - 150				08/13/24 08:28	08/16/24 23:49	1

Client Sample ID: MW-69_20240808

Lab Sample ID: 580-142849-17

Date Collected: 08/08/24 10:00

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/14/24 05:21	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 05:21	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 05:21	1
o-Xylene	ND		1.0		ug/L			08/14/24 05:21	1
Toluene	ND		1.0		ug/L			08/14/24 05:21	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 05:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		80 - 120					08/14/24 05:21	1
Dibromofluoromethane (Surr)	98		80 - 120					08/14/24 05:21	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120					08/14/24 05:21	1
Toluene-d8 (Surr)	96		80 - 120					08/14/24 05:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 05:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		77 - 123					08/14/24 05:21	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)	ND		200		ug/L		08/13/24 08:28	08/17/24 00:09	1
Motor Oil (>C24-C36)	ND		350		ug/L		08/13/24 08:28	08/17/24 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	52		50 - 150				08/13/24 08:28	08/17/24 00:09	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-70_20240808

Lab Sample ID: 580-142849-18

Date Collected: 08/08/24 11:10

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/14/24 05:44	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 05:44	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 05:44	1
o-Xylene	ND		1.0		ug/L			08/14/24 05:44	1
Toluene	ND		1.0		ug/L			08/14/24 05:44	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		08/14/24 05:44	1
Dibromofluoromethane (Surr)	82		80 - 120		08/14/24 05:44	1
1,2-Dichloroethane-d4 (Surr)	87		80 - 120		08/14/24 05:44	1
Toluene-d8 (Surr)	94		80 - 120		08/14/24 05:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		08/14/24 05:44	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)	ND		200		ug/L		08/13/24 08:28	08/17/24 00:49	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/13/24 08:28	08/17/24 00:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	55		50 - 150	08/13/24 08:28	08/17/24 00:49	1

Client Sample ID: MW-71_20240807

Lab Sample ID: 580-142849-19

Date Collected: 08/07/24 10:05

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/16/24 02:24	1
Ethylbenzene	ND		1.0		ug/L			08/16/24 02:24	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/16/24 02:24	1
o-Xylene	ND		1.0		ug/L			08/16/24 02:24	1
Toluene	ND		1.0		ug/L			08/16/24 02:24	1
Xylenes, Total	ND		2.0		ug/L			08/16/24 02:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		08/16/24 02:24	1
Dibromofluoromethane (Surr)	101		80 - 120		08/16/24 02:24	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		08/16/24 02:24	1
Toluene-d8 (Surr)	101		80 - 120		08/16/24 02:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 06:07	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-71_20240807

Lab Sample ID: 580-142849-19

Date Collected: 08/07/24 10:05

Matrix: Water

Date Received: 08/09/24 13:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123		08/14/24 06:07	1
Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D
#2 Diesel (C10-C24)	330		200		ug/L	
Motor Oil (>C24-C36)	360		360		ug/L	
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	59		50 - 150	08/13/24 08:28	08/17/24 01:09	1

Client Sample ID: MW-72_20240807

Lab Sample ID: 580-142849-20

Date Collected: 08/07/24 15:35

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D
Benzene	ND		1.0		ug/L	
Ethylbenzene	ND		1.0		ug/L	
m-Xylene & p-Xylene	ND		2.0		ug/L	
o-Xylene	ND		1.0		ug/L	
Toluene	ND		1.0		ug/L	
Xylenes, Total	ND		2.0		ug/L	
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125	S1+	80 - 120		08/14/24 06:30	1
Dibromofluoromethane (Surr)	118		80 - 120		08/14/24 06:30	1
1,2-Dichloroethane-d4 (Surr)	120		80 - 120		08/14/24 06:30	1
Toluene-d8 (Surr)	91		80 - 120		08/14/24 06:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D
Gasoline	ND		150		ug/L	
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125	S1+	77 - 123		08/14/24 06:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D
#2 Diesel (C10-C24)	ND		210		ug/L	
Motor Oil (>C24-C36)	ND		360		ug/L	
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	55		50 - 150	08/13/24 08:28	08/17/24 01:28	1

Client Sample ID: MW-73_20240807

Lab Sample ID: 580-142849-21

Date Collected: 08/07/24 16:30

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D
Benzene	ND		1.0		ug/L	
Ethylbenzene	ND		1.0		ug/L	
m-Xylene & p-Xylene	ND		2.0		ug/L	

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-73_20240807

Lab Sample ID: 580-142849-21

Date Collected: 08/07/24 16:30

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0		ug/L			08/14/24 06:54	1
Toluene	ND		1.0		ug/L			08/14/24 06:54	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 06:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		80 - 120					08/14/24 06:54	1
Dibromofluoromethane (Surr)	121	S1+	80 - 120					08/14/24 06:54	1
1,2-Dichloroethane-d4 (Surr)	121	S1+	80 - 120					08/14/24 06:54	1
Toluene-d8 (Surr)	99		80 - 120					08/14/24 06:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 06:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		77 - 123					08/14/24 06:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		08/14/24 08:22	08/15/24 19:11	1
Motor Oil (>C24-C36)	ND		350		ug/L		08/14/24 08:22	08/15/24 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	76		50 - 150				08/14/24 08:22	08/15/24 19:11	1

Client Sample ID: MW-74_20240807

Lab Sample ID: 580-142849-22

Date Collected: 08/07/24 15:40

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/14/24 07:17	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 07:17	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 07:17	1
o-Xylene	ND		1.0		ug/L			08/14/24 07:17	1
Toluene	ND		1.0		ug/L			08/14/24 07:17	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 07:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	80 - 120					08/14/24 07:17	1
Dibromofluoromethane (Surr)	123	S1+	80 - 120					08/14/24 07:17	1
1,2-Dichloroethane-d4 (Surr)	124	S1+	80 - 120					08/14/24 07:17	1
Toluene-d8 (Surr)	90		80 - 120					08/14/24 07:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 07:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	77 - 123					08/14/24 07:17	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-74_20240807

Lab Sample ID: 580-142849-22

Date Collected: 08/07/24 15:40

Matrix: Water

Date Received: 08/09/24 13:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		08/14/24 08:22	08/15/24 19:31	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/14/24 08:22	08/15/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	75		50 - 150				08/14/24 08:22	08/15/24 19:31	1

Client Sample ID: MW-75_20240808

Lab Sample ID: 580-142849-23

Date Collected: 08/08/24 08:28

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/14/24 07:40	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 07:40	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 07:40	1
o-Xylene	ND		1.0		ug/L			08/14/24 07:40	1
Toluene	ND		1.0		ug/L			08/14/24 07:40	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>4</i> -Bromofluorobenzene (Surr)	107		80 - 120					08/14/24 07:40	1
<i>Dibromofluoromethane</i> (Surr)	116		80 - 120					08/14/24 07:40	1
<i>1,2</i> -Dichloroethane-d4 (Surr)	119		80 - 120					08/14/24 07:40	1
<i>Toluene-d8</i> (Surr)	93		80 - 120					08/14/24 07:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>4</i> -Bromofluorobenzene (Surr)	107		77 - 123					08/14/24 07:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		210		ug/L		08/14/24 08:22	08/15/24 19:51	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/14/24 08:22	08/15/24 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	75		50 - 150				08/14/24 08:22	08/15/24 19:51	1

Client Sample ID: MW-76_20240808

Lab Sample ID: 580-142849-24

Date Collected: 08/08/24 11:30

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/14/24 08:03	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 08:03	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 08:03	1
o-Xylene	ND		1.0		ug/L			08/14/24 08:03	1
Toluene	ND		1.0		ug/L			08/14/24 08:03	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 08:03	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-76_20240808

Lab Sample ID: 580-142849-24

Date Collected: 08/08/24 11:30

Matrix: Water

Date Received: 08/09/24 13:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		80 - 120		08/14/24 08:03	1
Dibromofluoromethane (Surr)	120		80 - 120		08/14/24 08:03	1
1,2-Dichloroethane-d4 (Surr)	116		80 - 120		08/14/24 08:03	1
Toluene-d8 (Surr)	92		80 - 120		08/14/24 08:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 08:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		77 - 123					08/14/24 08:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		08/14/24 08:22	08/15/24 20:11	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/14/24 08:22	08/15/24 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150				08/14/24 08:22	08/15/24 20:11	1

Client Sample ID: MW-77_20240808

Lab Sample ID: 580-142849-25

Date Collected: 08/08/24 11:31

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/20/24 06:29	1
Ethylbenzene	ND		1.0		ug/L			08/20/24 06:29	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/20/24 06:29	1
o-Xylene	ND		1.0		ug/L			08/20/24 06:29	1
Toluene	ND		1.0		ug/L			08/20/24 06:29	1
Xylenes, Total	ND		2.0		ug/L			08/20/24 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120					08/20/24 06:29	1
Dibromofluoromethane (Surr)	102		80 - 120					08/20/24 06:29	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 120					08/20/24 06:29	1
Toluene-d8 (Surr)	99		80 - 120					08/20/24 06:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/20/24 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123					08/20/24 06:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		210		ug/L		08/14/24 08:22	08/15/24 20:32	1
Motor Oil (>C24-C36)	ND		370		ug/L		08/14/24 08:22	08/15/24 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150				08/14/24 08:22	08/15/24 20:32	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: Dup-1_20240807

Lab Sample ID: 580-142849-26

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2500		100		ug/L			08/16/24 20:01	100
Ethylbenzene	830		100		ug/L			08/16/24 20:01	100
m-Xylene & p-Xylene	1200		200		ug/L			08/16/24 20:01	100
o-Xylene	ND		100		ug/L			08/16/24 20:01	100
Toluene	ND		100		ug/L			08/16/24 20:01	100
Xylenes, Total	1200		200		ug/L			08/16/24 20:01	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120		08/16/24 20:01	100
Dibromofluoromethane (Surr)	103		80 - 120		08/16/24 20:01	100
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		08/16/24 20:01	100
Toluene-d8 (Surr)	100		80 - 120		08/16/24 20:01	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		15000		ug/L			08/16/24 20:01	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123		08/16/24 20:01	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)	2800		210		ug/L		08/14/24 08:22	08/15/24 20:52	1
Motor Oil (>C24-C36)	ND		360		ug/L		08/14/24 08:22	08/15/24 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	08/14/24 08:22	08/15/24 20:52	1

Client Sample ID: Dup-2_20240807

Lab Sample ID: 580-142849-27

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	460		10		ug/L			08/16/24 07:49	10
Ethylbenzene	480		10		ug/L			08/16/24 07:49	10
m-Xylene & p-Xylene	21		20		ug/L			08/16/24 07:49	10
o-Xylene	ND		10		ug/L			08/16/24 07:49	10
Toluene	ND		10		ug/L			08/16/24 07:49	10
Xylenes, Total	21		20		ug/L			08/16/24 07:49	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		08/16/24 07:49	10
Dibromofluoromethane (Surr)	103		80 - 120		08/16/24 07:49	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		08/16/24 07:49	10
Toluene-d8 (Surr)	98		80 - 120		08/16/24 07:49	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6500		1500		ug/L			08/16/24 07:49	10

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: Dup-2_20240807

Lab Sample ID: 580-142849-27

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/09/24 13:20

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123					08/16/24 07:49	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)	3200		200		ug/L		08/14/24 08:22	08/15/24 21:12	1
Motor Oil (>C24-C36)	540		360		ug/L		08/14/24 08:22	08/15/24 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150				08/14/24 08:22	08/15/24 21:12	1

Client Sample ID: Trip Blank_20240808

Lab Sample ID: 580-142849-28

Date Collected: 08/08/24 00:00

Matrix: Water

Date Received: 08/09/24 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/20/24 04:10	1
Ethylbenzene	ND		1.0		ug/L			08/20/24 04:10	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/20/24 04:10	1
o-Xylene	ND		1.0		ug/L			08/20/24 04:10	1
Toluene	ND		1.0		ug/L			08/20/24 04:10	1
Xylenes, Total	ND		2.0		ug/L			08/20/24 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120					08/20/24 04:10	1
Dibromofluoromethane (Surr)	102		80 - 120					08/20/24 04:10	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120					08/20/24 04:10	1
Toluene-d8 (Surr)	100		80 - 120					08/20/24 04:10	1
Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/20/24 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123					08/20/24 04:10	1

Surrogate Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DBFM (80-120)	DCA (80-120)	TOL (80-120)
580-142849-1	MW-2_20240807	102	101	101	96
580-142849-2	MW-14_20240807	103	106	103	95
580-142849-2	MW-14_20240807	103	109	106	95
580-142849-3	MW-19_20240807	101	102	98	98
580-142849-4	MW-20_20240807	101	101	104	100
580-142849-5	MW-21_20240807	102	101	101	99
580-142849-6	MW-35_20240807	99	102	103	99
580-142849-7	MW-39_20240807	102	114	108	95
580-142849-7 MS	MW-39_20240807	101	103	102	95
580-142849-7 MSD	MW-39_20240807	102	104	103	96
580-142849-8	MW-44_20240807	98	101	104	101
580-142849-9	MW-45_20240807	103	101	101	98
580-142849-9 MS	MW-45_20240807	101	102	101	99
580-142849-9 MSD	MW-45_20240807	105	102	101	99
580-142849-10	MW-56_20240808	100	101	102	99
580-142849-11	MW-57_20240808	102	102	98	98
580-142849-12	MW-58_20240808	111	118	122 S1+	92
580-142849-13	MW-59_20240808	113	127 S1+	124 S1+	92
580-142849-14	MW-61_20240808	103	114	111	95
580-142849-15	MW-67_20240808	98	95	106	98
580-142849-15 - DL	MW-67_20240808	102	102	100	96
580-142849-16	MW-68_20240808	103	104	98	98
580-142849-17	MW-69_20240808	112	98	102	96
580-142849-18	MW-70_20240808	104	82	87	94
580-142849-19	MW-71_20240807	99	101	104	101
580-142849-20	MW-72_20240807	125 S1+	118	120	91
580-142849-21	MW-73_20240807	109	121 S1+	121 S1+	99
580-142849-22	MW-74_20240807	135 S1+	123 S1+	124 S1+	90
580-142849-23	MW-75_20240808	107	116	119	93
580-142849-24	MW-76_20240808	107	120	116	92
580-142849-25	MW-77_20240808	101	102	98	99
580-142849-26	Dup-1_20240807	100	103	103	100
580-142849-27	Dup-2_20240807	102	103	101	98
580-142849-28	Trip Blank_20240808	100	102	105	100
LCS 580-468036/6	Lab Control Sample	103	102	101	98
LCS 580-468127/6	Lab Control Sample	106	105	108	95
LCS 580-468367/7	Lab Control Sample	103	105	103	96
LCS 580-468430/4	Lab Control Sample	101	100	96	99
LCS 580-468439/5	Lab Control Sample	102	100	103	101
LCS 580-468488/12	Lab Control Sample	102	101	103	101
LCS 580-468494/12	Lab Control Sample	101	104	101	97
LCS 580-468677/6	Lab Control Sample	102	101	101	100
LCS 580-468761/6	Lab Control Sample	103	101	103	100
LCSD 580-468036/7	Lab Control Sample Dup	102	100	101	97
LCSD 580-468127/7	Lab Control Sample Dup	104	107	108	96
LCSD 580-468367/8	Lab Control Sample Dup	102	106	105	96
LCSD 580-468430/5	Lab Control Sample Dup	102	101	96	99
LCSD 580-468439/6	Lab Control Sample Dup	102	101	102	101
LCSD 580-468488/13	Lab Control Sample Dup	101	101	102	101

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Surrogate Summary

Client: Antea USA Inc.

Job ID: 580-142849-1

Project/Site: BP - OPLC - Allen Station 2024

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DBFM (80-120)	DCA (80-120)	TOL (80-120)
LCSD 580-468494/13	Lab Control Sample Dup	102	104	102	95
LCSD 580-468677/7	Lab Control Sample Dup	100	101	102	100
LCSD 580-468761/7	Lab Control Sample Dup	105	102	100	98
MB 580-468036/11	Method Blank	101	108	104	95
MB 580-468127/11	Method Blank	107	121 S1+	114	101
MB 580-468367/12	Method Blank	102	115	104	95
MB 580-468430/7	Method Blank	103	101	99	100
MB 580-468439/10	Method Blank	99	102	104	101
MB 580-468488/11	Method Blank	98	102	105	100
MB 580-468494/11	Method Blank	102	111	101	94
MB 580-468677/11	Method Blank	98	102	104	100
MB 580-468761/11	Method Blank	97	103	104	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (77-123)			
580-142849-1	MW-2_20240807	102			
580-142849-2	MW-14_20240807	103			
580-142849-3	MW-19_20240807	101			
580-142849-4	MW-20_20240807	101			
580-142849-5	MW-21_20240807	102			
580-142849-6	MW-35_20240807	99			
580-142849-7	MW-39_20240807	100			
580-142849-7 MS	MW-39_20240807	99			
580-142849-7 MSD	MW-39_20240807	100			
580-142849-8	MW-44_20240807	98			
580-142849-9	MW-45_20240807	101			
580-142849-9 MS	MW-45_20240807	100			
580-142849-9 MSD	MW-45_20240807	101			
580-142849-10	MW-56_20240808	100			
580-142849-11	MW-57_20240808	102			
580-142849-12	MW-58_20240808	111			
580-142849-13	MW-59_20240808	113			
580-142849-14	MW-61_20240808	103			
580-142849-15	MW-67_20240808	98			
580-142849-16	MW-68_20240808	107			
580-142849-17	MW-69_20240808	112			
580-142849-18	MW-70_20240808	104			
580-142849-19	MW-71_20240807	100			
580-142849-20	MW-72_20240807	125 S1+			
580-142849-21	MW-73_20240807	109			
580-142849-22	MW-74_20240807	135 S1+			

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Surrogate Summary

Client: Antea USA Inc.

Job ID: 580-142849-1

Project/Site: BP - OPLC - Allen Station 2024

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (77-123)
580-142849-23	MW-75_20240808	107
580-142849-24	MW-76_20240808	107
580-142849-25	MW-77_20240808	101
580-142849-26	Dup-1_20240807	100
580-142849-27	Dup-2_20240807	102
580-142849-28	Trip Blank_20240808	100
LCS 580-468032/8	Lab Control Sample	102
LCS 580-468123/8	Lab Control Sample	105
LCS 580-468363/9	Lab Control Sample	102
LCS 580-468434/7	Lab Control Sample	99
LCS 580-468483/8	Lab Control Sample	99
LCS 580-468567/8	Lab Control Sample	101
LCS 580-468756/8	Lab Control Sample	101
LCSD 580-468032/9	Lab Control Sample Dup	102
LCSD 580-468123/9	Lab Control Sample Dup	106
LCSD 580-468363/10	Lab Control Sample Dup	102
LCSD 580-468434/8	Lab Control Sample Dup	100
LCSD 580-468483/9	Lab Control Sample Dup	100
LCSD 580-468567/9	Lab Control Sample Dup	100
LCSD 580-468756/9	Lab Control Sample Dup	101
MB 580-468032/11	Method Blank	101
MB 580-468123/11	Method Blank	107
MB 580-468363/12	Method Blank	102
MB 580-468434/10	Method Blank	99
MB 580-468483/11	Method Blank	98
MB 580-468567/11	Method Blank	99
MB 580-468756/11	Method Blank	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH (50-150)
580-142849-1 - RA	MW-2_20240807	54
580-142849-2 - RA	MW-14_20240807	53
580-142849-3 - RA	MW-19_20240807	62
580-142849-4	MW-20_20240807	57
580-142849-5	MW-21_20240807	51
580-142849-7	MW-39_20240807	55
580-142849-7 MS	MW-39_20240807	70
580-142849-7 MSD	MW-39_20240807	72
580-142849-8	MW-44_20240807	53
580-142849-9	MW-45_20240807	53
580-142849-9 MS	MW-45_20240807	74
580-142849-9 MSD	MW-45_20240807	71
580-142849-10	MW-56_20240808	54
580-142849-11	MW-57_20240808	54

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Surrogate Summary

Client: Antea USA Inc.

Job ID: 580-142849-1

Project/Site: BP - OPLC - Allen Station 2024

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH (50-150)
580-142849-12	MW-58_20240808	62
580-142849-13 - RA	MW-59_20240808	60
580-142849-14	MW-61_20240808	56
580-142849-15	MW-67_20240808	55
580-142849-16	MW-68_20240808	56
580-142849-17	MW-69_20240808	52
580-142849-18	MW-70_20240808	55
580-142849-19	MW-71_20240807	59
580-142849-20	MW-72_20240807	55
580-142849-21	MW-73_20240807	76
580-142849-22	MW-74_20240807	75
580-142849-23	MW-75_20240808	75
580-142849-24	MW-76_20240808	77
580-142849-25	MW-77_20240808	78
580-142849-26	Dup-1_20240807	78
580-142849-27	Dup-2_20240807	73
LCS 580-468017/2-A	Lab Control Sample	79
LCS 580-468018/2-A	Lab Control Sample	82
LCS 580-468135/2-A	Lab Control Sample	64
LCSD 580-468017/3-A	Lab Control Sample Dup	59
LCSD 580-468018/3-A	Lab Control Sample Dup	71
LCSD 580-468135/3-A	Lab Control Sample Dup	72
MB 580-468017/1-A	Method Blank	57
MB 580-468018/1-A	Method Blank	54
MB 580-468135/1-A	Method Blank	83

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: MB 580-468036/11

Matrix: Water

Analysis Batch: 468036

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/13/24 13:52	1
Ethylbenzene	ND		1.0		ug/L			08/13/24 13:52	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/13/24 13:52	1
o-Xylene	ND		1.0		ug/L			08/13/24 13:52	1
Toluene	ND		1.0		ug/L			08/13/24 13:52	1
Xylenes, Total	ND		2.0		ug/L			08/13/24 13:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		08/13/24 13:52	1
Dibromofluoromethane (Surr)	108		80 - 120		08/13/24 13:52	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		08/13/24 13:52	1
Toluene-d8 (Surr)	95		80 - 120		08/13/24 13:52	1

Lab Sample ID: LCS 580-468036/6

Matrix: Water

Analysis Batch: 468036

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	5.25		ug/L		105	80 - 122
Ethylbenzene	5.00	5.51		ug/L		110	80 - 120
m-Xylene & p-Xylene	5.00	5.66		ug/L		113	80 - 120
o-Xylene	5.00	5.53		ug/L		111	80 - 120
Toluene	5.00	5.54		ug/L		111	80 - 120
Xylenes, Total	10.0	11.2		ug/L		112	80 - 120

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

Lab Sample ID: LCSD 580-468036/7

Matrix: Water

Analysis Batch: 468036

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	5.00	5.12		ug/L		102	80 - 122	2	14
Ethylbenzene	5.00	5.28		ug/L		106	80 - 120	4	14
m-Xylene & p-Xylene	5.00	5.48		ug/L		110	80 - 120	3	14
o-Xylene	5.00	5.48		ug/L		110	80 - 120	1	16
Toluene	5.00	5.35		ug/L		107	80 - 120	3	13
Xylenes, Total	10.0	11.0		ug/L		110	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		80 - 120

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468036/7

Matrix: Water

Analysis Batch: 468036

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: MB 580-468127/11

Matrix: Water

Analysis Batch: 468127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
Benzene	ND		1.0		ug/L			08/14/24 02:16	1
Ethylbenzene	ND		1.0		ug/L			08/14/24 02:16	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/14/24 02:16	1
o-Xylene	ND		1.0		ug/L			08/14/24 02:16	1
Toluene	ND		1.0		ug/L			08/14/24 02:16	1
Xylenes, Total	ND		2.0		ug/L			08/14/24 02:16	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
4-Bromofluorobenzene (Surr)	107		80 - 120		08/14/24 02:16	1
Dibromofluoromethane (Surr)	121	S1+	80 - 120		08/14/24 02:16	1
1,2-Dichloroethane-d4 (Surr)	114		80 - 120		08/14/24 02:16	1
Toluene-d8 (Surr)	101		80 - 120		08/14/24 02:16	1

Lab Sample ID: LCS 580-468127/6

Matrix: Water

Analysis Batch: 468127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Added	Result	Qualifier				Limits	
Benzene	5.00	4.35		ug/L		87	80 - 122
Ethylbenzene	5.00	4.39		ug/L		88	80 - 120
m-Xylene & p-Xylene	5.00	4.34		ug/L		87	80 - 120
o-Xylene	5.00	4.46		ug/L		89	80 - 120
Toluene	5.00	4.14		ug/L		83	80 - 120
Xylenes, Total	10.0	8.80		ug/L		88	80 - 120

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
1,2-Dichloroethane-d4 (Surr)	108		80 - 120
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: LCSD 580-468127/7

Matrix: Water

Analysis Batch: 468127

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		Limit	
Benzene	5.00	4.41		ug/L		88	80 - 122	1	14
Ethylbenzene	5.00	4.45		ug/L		89	80 - 120	1	14
m-Xylene & p-Xylene	5.00	4.48		ug/L		90	80 - 120	3	14
o-Xylene	5.00	4.49		ug/L		90	80 - 120	1	16
Toluene	5.00	4.18		ug/L		84	80 - 120	1	13

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468127/7

Matrix: Water

Analysis Batch: 468127

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
Xylenes, Total	10.0	8.97		ug/L		90	80 - 120	2	16
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		80 - 120						
Dibromofluoromethane (Surr)	107		80 - 120						
1,2-Dichloroethane-d4 (Surr)	108		80 - 120						
Toluene-d8 (Surr)	96		80 - 120						

Lab Sample ID: MB 580-468367/12

Matrix: Water

Analysis Batch: 468367

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Date: 4/26/24

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		1.0		ug/L			08/15/24 16:19	1
Ethylbenzene	ND		1.0		ug/L			08/15/24 16:19	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/15/24 16:19	1
o-Xylene	ND		1.0		ug/L			08/15/24 16:19	1
Toluene	ND		1.0		ug/L			08/15/24 16:19	1
Xylenes, Total	ND		2.0		ug/L			08/15/24 16:19	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	102		80 - 120					08/15/24 16:19	1
Dibromofluoromethane (Surr)	115		80 - 120					08/15/24 16:19	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120					08/15/24 16:19	1
Toluene-d8 (Surr)	95		80 - 120					08/15/24 16:19	1

Lab Sample ID: LCS 580-468367/7

Matrix: Water

Analysis Batch: 468367

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	5.04		ug/L		101	80 - 122
Ethylbenzene	5.00	4.83		ug/L		97	80 - 120
m-Xylene & p-Xylene	5.00	4.82		ug/L		96	80 - 120
o-Xylene	5.00	5.02		ug/L		100	80 - 120
Toluene	5.00	4.72		ug/L		94	80 - 120
Xylenes, Total	10.0	9.84		ug/L		98	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	103		80 - 120				
Dibromofluoromethane (Surr)	105		80 - 120				
1,2-Dichloroethane-d4 (Surr)	103		80 - 120				
Toluene-d8 (Surr)	96		80 - 120				

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468367/8

Matrix: Water

Analysis Batch: 468367

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	5.00	5.00		ug/L		100	80 - 122	1	14
Ethylbenzene	5.00	4.65		ug/L		93	80 - 120	4	14
m-Xylene & p-Xylene	5.00	4.68		ug/L		94	80 - 120	3	14
o-Xylene	5.00	4.81		ug/L		96	80 - 120	4	16
Toluene	5.00	4.51		ug/L		90	80 - 120	5	13
Xylenes, Total	10.0	9.49		ug/L		95	80 - 120	4	16

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

Lab Sample ID: 580-142849-7 MS

Matrix: Water

Analysis Batch: 468367

Client Sample ID: MW-39_20240807

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		5.00	6.03		ug/L		121	80 - 122		
Ethylbenzene	ND		5.00	5.39		ug/L		108	80 - 120		
m-Xylene & p-Xylene	ND		5.00	5.45		ug/L		109	80 - 120		
o-Xylene	ND		5.00	5.44		ug/L		109	80 - 120		
Toluene	ND		5.00	5.37		ug/L		107	80 - 120		
Xylenes, Total	ND		10.0	10.9		ug/L		109	80 - 120		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: 580-142849-7 MSD

Matrix: Water

Analysis Batch: 468367

Client Sample ID: MW-39_20240807

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		5.00	5.80		ug/L		116	80 - 122	4	14
Ethylbenzene	ND		5.00	5.25		ug/L		105	80 - 120	3	14
m-Xylene & p-Xylene	ND		5.00	5.20		ug/L		104	80 - 120	5	14
o-Xylene	ND		5.00	5.24		ug/L		105	80 - 120	4	16
Toluene	ND		5.00	5.22		ug/L		104	80 - 120	3	13
Xylenes, Total	ND		10.0	10.4		ug/L		104	80 - 120	4	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		80 - 120

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: 580-142849-7 MSD

Matrix: Water

Analysis Batch: 468367

Client Sample ID: MW-39_20240807

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: MB 580-468430/7

Matrix: Water

Analysis Batch: 468430

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
Benzene	ND		1.0		ug/L			08/15/24 22:13	1
Ethylbenzene	ND		1.0		ug/L			08/15/24 22:13	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/15/24 22:13	1
o-Xylene	ND		1.0		ug/L			08/15/24 22:13	1
Toluene	ND		1.0		ug/L			08/15/24 22:13	1
Xylenes, Total	ND		2.0		ug/L			08/15/24 22:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
4-Bromofluorobenzene (Surr)	103		80 - 120		08/15/24 22:13	1
Dibromofluoromethane (Surr)	101		80 - 120		08/15/24 22:13	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		08/15/24 22:13	1
Toluene-d8 (Surr)	100		80 - 120		08/15/24 22:13	1

Lab Sample ID: LCS 580-468430/4

Matrix: Water

Analysis Batch: 468430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Added	Result	Qualifier				Limits	
Benzene	10.0	10.8		ug/L		108	80 - 122
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
m-Xylene & p-Xylene	10.0	10.8		ug/L		108	80 - 120
o-Xylene	10.0	10.9		ug/L		109	80 - 120
Toluene	10.0	10.3		ug/L		103	80 - 120
Xylenes, Total	20.0	21.7		ug/L		109	80 - 120

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 580-468430/5

Matrix: Water

Analysis Batch: 468430

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		Limit	
Benzene	10.0	10.8		ug/L		108	80 - 122	0	14
Ethylbenzene	10.0	10.8		ug/L		108	80 - 120	2	14
m-Xylene & p-Xylene	10.0	10.8		ug/L		108	80 - 120	0	14
o-Xylene	10.0	11.0		ug/L		110	80 - 120	1	16
Toluene	10.0	10.5		ug/L		105	80 - 120	2	13

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468430/5

Matrix: Water

Analysis Batch: 468430

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
Xylenes, Total	20.0	21.8		ug/L		109	80 - 120	0	16
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	102		80 - 120						
Dibromofluoromethane (Surr)	101		80 - 120						
1,2-Dichloroethane-d4 (Surr)	96		80 - 120						
Toluene-d8 (Surr)	99		80 - 120						

Lab Sample ID: MB 580-468439/10

Matrix: Water

Analysis Batch: 468439

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Data: 48488

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		1.0		ug/L			08/16/24 00:51	1
Ethylbenzene	ND		1.0		ug/L			08/16/24 00:51	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/16/24 00:51	1
o-Xylene	ND		1.0		ug/L			08/16/24 00:51	1
Toluene	ND		1.0		ug/L			08/16/24 00:51	1
Xylenes, Total	ND		2.0		ug/L			08/16/24 00:51	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	99		80 - 120					08/16/24 00:51	1
Dibromofluoromethane (Surr)	102		80 - 120					08/16/24 00:51	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120					08/16/24 00:51	1
Toluene-d8 (Surr)	101		80 - 120					08/16/24 00:51	1

Lab Sample ID: LCS 580-468439/5

Matrix: Water

Analysis Batch: 468439

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	4.63		ug/L		93	80 - 122
Ethylbenzene	5.00	4.72		ug/L		94	80 - 120
m-Xylene & p-Xylene	5.00	4.69		ug/L		94	80 - 120
o-Xylene	5.00	4.74		ug/L		95	80 - 120
Toluene	5.00	4.37		ug/L		87	80 - 120
Xylenes, Total	10.0	9.43		ug/L		94	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	102		80 - 120				
Dibromofluoromethane (Surr)	100		80 - 120				
1,2-Dichloroethane-d4 (Surr)	103		80 - 120				
Toluene-d8 (Surr)	101		80 - 120				

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468439/6

Matrix: Water

Analysis Batch: 468439

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	5.00	4.80		ug/L		96	80 - 122	3	14
Ethylbenzene	5.00	4.89		ug/L		98	80 - 120	4	14
m-Xylene & p-Xylene	5.00	4.88		ug/L		98	80 - 120	4	14
o-Xylene	5.00	4.93		ug/L		99	80 - 120	4	16
Toluene	5.00	4.54		ug/L		91	80 - 120	4	13
Xylenes, Total	10.0	9.81		ug/L		98	80 - 120	4	16

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

Lab Sample ID: MB 580-468488/11

Matrix: Water

Analysis Batch: 468488

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/16/24 15:45	1
Ethylbenzene	ND		1.0		ug/L			08/16/24 15:45	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/16/24 15:45	1
o-Xylene	ND		1.0		ug/L			08/16/24 15:45	1
Toluene	ND		1.0		ug/L			08/16/24 15:45	1
Xylenes, Total	ND		2.0		ug/L			08/16/24 15:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		08/16/24 15:45	1
Dibromofluoromethane (Surr)	102		80 - 120		08/16/24 15:45	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		08/16/24 15:45	1
Toluene-d8 (Surr)	100		80 - 120		08/16/24 15:45	1

Lab Sample ID: LCS 580-468488/12

Matrix: Water

Analysis Batch: 468488

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	4.70		ug/L		94	80 - 122
Ethylbenzene	5.00	4.95		ug/L		99	80 - 120
m-Xylene & p-Xylene	5.00	4.92		ug/L		98	80 - 120
o-Xylene	5.00	5.00		ug/L		100	80 - 120
Toluene	5.00	4.58		ug/L		92	80 - 120
Xylenes, Total	10.0	9.92		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		80 - 120

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCS 580-468488/12

Matrix: Water

Analysis Batch: 468488

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 580-468488/13

Matrix: Water

Analysis Batch: 468488

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	5.00	4.55		ug/L		91	80 - 122	3	14
Ethylbenzene	5.00	4.88		ug/L		98	80 - 120	1	14
m-Xylene & p-Xylene	5.00	4.86		ug/L		97	80 - 120	1	14
o-Xylene	5.00	4.89		ug/L		98	80 - 120	2	16
Toluene	5.00	4.52		ug/L		90	80 - 120	1	13
Xylenes, Total	10.0	9.75		ug/L		98	80 - 120	2	16

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

Lab Sample ID: MB 580-468494/11

Matrix: Water

Analysis Batch: 468494

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/16/24 16:13	1
Ethylbenzene	ND		1.0		ug/L			08/16/24 16:13	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	102		80 - 120		08/16/24 16:13	1			
Dibromofluoromethane (Surr)	111		80 - 120		08/16/24 16:13	1			
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		08/16/24 16:13	1			
Toluene-d8 (Surr)	94		80 - 120		08/16/24 16:13	1			

Lab Sample ID: LCS 580-468494/12

Matrix: Water

Analysis Batch: 468494

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	5.47		ug/L		109	80 - 122
Ethylbenzene	5.00	4.95		ug/L		99	80 - 120

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468494/13

Matrix: Water

Analysis Batch: 468494

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	5.00	5.35		ug/L		107	80 - 122	2	14
Ethylbenzene	5.00	4.82		ug/L		96	80 - 120	3	14

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: MB 580-468677/11

Matrix: Water

Analysis Batch: 468677

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/19/24 14:31	1
Ethylbenzene	ND		1.0		ug/L			08/19/24 14:31	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/19/24 14:31	1
o-Xylene	ND		1.0		ug/L			08/19/24 14:31	1
Toluene	ND		1.0		ug/L			08/19/24 14:31	1
Xylenes, Total	ND		2.0		ug/L			08/19/24 14:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		08/19/24 14:31	1
Dibromofluoromethane (Surr)	102		80 - 120		08/19/24 14:31	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		08/19/24 14:31	1
Toluene-d8 (Surr)	100		80 - 120		08/19/24 14:31	1

Lab Sample ID: LCS 580-468677/6

Matrix: Water

Analysis Batch: 468677

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	4.57		ug/L		91	80 - 122
Ethylbenzene	5.00	4.67		ug/L		93	80 - 120
m-Xylene & p-Xylene	5.00	4.87		ug/L		97	80 - 120
o-Xylene	5.00	4.75		ug/L		95	80 - 120
Toluene	5.00	4.60		ug/L		92	80 - 120
Xylenes, Total	10.0	9.62		ug/L		96	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
Toluene-d8 (Surr)	100		80 - 120

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468677/7

Matrix: Water

Analysis Batch: 468677

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	5.00	4.55		ug/L		91	80 - 122	0	14
Ethylbenzene	5.00	4.74		ug/L		95	80 - 120	1	14
m-Xylene & p-Xylene	5.00	4.97		ug/L		99	80 - 120	2	14
o-Xylene	5.00	4.76		ug/L		95	80 - 120	0	16
Toluene	5.00	4.69		ug/L		94	80 - 120	2	13
Xylenes, Total	10.0	9.73		ug/L		97	80 - 120	1	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 580-142849-9 MS

Matrix: Water

Analysis Batch: 468677

Client Sample ID: MW-45_20240807

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND	F1	50.0	113	F1	ug/L		219	80 - 122		
Ethylbenzene	150	F1	50.0	293	F1	ug/L		279	80 - 120		
m-Xylene & p-Xylene	ND		50.0	58.4		ug/L		117	80 - 120		
o-Xylene	ND		50.0	54.8		ug/L		110	80 - 120		
Toluene	ND		50.0	52.0		ug/L		104	80 - 120		
Xylenes, Total	ND		100	113		ug/L		113	80 - 120		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 580-142849-9 MSD

Matrix: Water

Analysis Batch: 468677

Client Sample ID: MW-45_20240807

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND	F1	50.0	113	F1	ug/L		219	80 - 122	0	14
Ethylbenzene	150	F1	50.0	301	F1	ug/L		294	80 - 120	3	14
m-Xylene & p-Xylene	ND		50.0	57.7		ug/L		115	80 - 120	1	14
o-Xylene	ND		50.0	53.7		ug/L		107	80 - 120	2	16
Toluene	ND		50.0	50.9		ug/L		102	80 - 120	2	13
Xylenes, Total	ND		100	111		ug/L		111	80 - 120	2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		80 - 120

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: 580-142849-9 MSD
Matrix: Water
Analysis Batch: 468677

Client Sample ID: MW-45_20240807
Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: MB 580-468761/11
Matrix: Water
Analysis Batch: 468761

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/20/24 03:00	1
Ethylbenzene	ND		1.0		ug/L			08/20/24 03:00	1
m-Xylene & p-Xylene	ND		2.0		ug/L			08/20/24 03:00	1
o-Xylene	ND		1.0		ug/L			08/20/24 03:00	1
Toluene	ND		1.0		ug/L			08/20/24 03:00	1
Xylenes, Total	ND		2.0		ug/L			08/20/24 03:00	1

Surrogate	MB	MB							
	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		80 - 120				08/20/24 03:00	1	
Dibromofluoromethane (Surr)	103		80 - 120				08/20/24 03:00	1	
1,2-Dichloroethane-d4 (Surr)	104		80 - 120				08/20/24 03:00	1	
Toluene-d8 (Surr)	98		80 - 120				08/20/24 03:00	1	

Lab Sample ID: LCS 580-468761/6
Matrix: Water
Analysis Batch: 468761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	
Benzene	5.00	4.89		ug/L		98		80 - 122	
Ethylbenzene	5.00	5.13		ug/L		103		80 - 120	
m-Xylene & p-Xylene	5.00	5.05		ug/L		101		80 - 120	
o-Xylene	5.00	5.17		ug/L		103		80 - 120	
Toluene	5.00	4.73		ug/L		95		80 - 120	
Xylenes, Total	10.0	10.2		ug/L		102		80 - 120	

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

Lab Sample ID: LCSD 580-468761/7
Matrix: Water
Analysis Batch: 468761

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Benzene	5.00	4.71		ug/L		94		80 - 122	4	14
Ethylbenzene	5.00	4.94		ug/L		99		80 - 120	4	14
m-Xylene & p-Xylene	5.00	4.94		ug/L		99		80 - 120	2	14
o-Xylene	5.00	5.13		ug/L		103		80 - 120	1	16
Toluene	5.00	4.55		ug/L		91		80 - 120	4	13

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468761/7

Matrix: Water

Analysis Batch: 468761

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
Xylenes, Total	10.0	10.1		ug/L		101	80 - 120	1	16
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	105		80 - 120						
Dibromofluoromethane (Surr)	102		80 - 120						
1,2-Dichloroethane-d4 (Surr)	100		80 - 120						
Toluene-d8 (Surr)	98		80 - 120						

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

Lab Sample ID: MB 580-468032/11

Matrix: Water

Analysis Batch: 468032

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/13/24 13:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123					08/13/24 13:52	1

Lab Sample ID: LCS 580-468032/8

Matrix: Water

Analysis Batch: 468032

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			500	511		ug/L		102	55 - 148		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		77 - 123								

Lab Sample ID: LCSD 580-468032/9

Matrix: Water

Analysis Batch: 468032

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	500	543		ug/L		109	55 - 148	6	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	102		77 - 123						

Lab Sample ID: MB 580-468123/11

Matrix: Water

Analysis Batch: 468123

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/14/24 02:16	1

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: MB 580-468123/11

Matrix: Water

Analysis Batch: 468123

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	107		77 - 123			08/14/24 02:16	1			

Lab Sample ID: LCS 580-468123/8

Matrix: Water

Analysis Batch: 468123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline			500	557		ug/L		111	55 - 148		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	105		77 - 123								

Lab Sample ID: LCSD 580-468123/9

Matrix: Water

Analysis Batch: 468123

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			500	574		ug/L		115	55 - 148	3	10
Surrogate	LCSD	LCSD									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	106		77 - 123								

Lab Sample ID: MB 580-468363/12

Matrix: Water

Analysis Batch: 468363

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB									
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Gasoline	ND	150		ug/L			08/15/24 16:19	1			
Surrogate	MB	MB									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	102		77 - 123				08/15/24 16:19	1			

Lab Sample ID: LCS 580-468363/9

Matrix: Water

Analysis Batch: 468363

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline			500	582		ug/L		116	55 - 148		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	102		77 - 123								

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468363/10

Matrix: Water

Analysis Batch: 468363

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	500	585		ug/L		117	55 - 148	1	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	102		77 - 123						

Lab Sample ID: MB 580-468434/10

Matrix: Water

Analysis Batch: 468434

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/16/24 00:51	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		77 - 123					08/16/24 00:51	1

Lab Sample ID: LCS 580-468434/7

Matrix: Water

Analysis Batch: 468434

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			500	542		ug/L		108	55 - 148		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		77 - 123								

Lab Sample ID: LCSD 580-468434/8

Matrix: Water

Analysis Batch: 468434

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	500	531		ug/L		106	55 - 148	2	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		77 - 123						

Lab Sample ID: MB 580-468483/11

Matrix: Water

Analysis Batch: 468483

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			08/16/24 15:45	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		77 - 123					08/16/24 15:45	1

Eurofins Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCS 580-468483/8

Matrix: Water

Analysis Batch: 468483

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			500	522		ug/L		104	55 - 148		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		77 - 123								

Lab Sample ID: LCSD 580-468483/9

Matrix: Water

Analysis Batch: 468483

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Data: 100-100											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline			500	520		ug/L	-	104	55 - 148	0	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		77 - 123								

Lab Sample ID: 580-142849-9 MS

Matrix: Water

Analysis Batch: 468483

Client Sample ID: MW-45_20240807

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline	5600	F1	5000	12700		ug/L		142	55 - 148		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		77 - 123								

Lab Sample ID: 580-142849-9 MSD

Matrix: Water

Analysis Batch: 468483

Client Sample ID: MW-45_20240807

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline	5600	F1	5000	13300	F1	ug/L	-	154	55 - 148	5	10
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		77 - 123								

Lab Sample ID: MB 580-468567/11

Matrix: Water

Analysis Batch: 468567

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L	-		08/17/24 03:23	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		77 - 123					08/17/24 03:23	1

Eurofins Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCS 580-468567/8

Matrix: Water

Analysis Batch: 468567

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			500	532		ug/L		106	55 - 148		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		77 - 123								

Lab Sample ID: LCSD 580-468567/9

Matrix: Water

Analysis Batch: 468567

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			500	532		ug/L		106	55 - 148	0	10
			</								

Lab Sample ID: 580-142849-7 MS

Matrix: Water

Analysis Batch: 468567

Client Sample ID: MW-39_20240807

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline	ND		500	585		ug/L		117	55 - 148		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		77 - 123								

Lab Sample ID: 580-142849-7 MSD

Matrix: Water

Analysis Batch: 468567

Client Sample ID: MW-39_20240807

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		500	622		ug/L		124	55 - 148	6	10
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		77 - 123								

Lab Sample ID: MB 580-468756/11

Matrix: Water

Analysis Batch: 468756

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline	ND		150		ug/L			08/20/24 03:00	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	97		77 - 123					08/20/24 03:00	1

Eurofins Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCS 580-468756/8

Matrix: Water

Analysis Batch: 468756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			500	514		ug/L		103	55 - 148		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		77 - 123								

Lab Sample ID: LCSD 580-468756/9

Matrix: Water

Analysis Batch: 468756

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Date: 10/1/00											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline			500	532		ug/L	-	106	55 - 148	3	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		77 - 123								

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

Lab Sample ID: MB 580-468017/1-A

Matrix: Water

Analysis Batch: 468473

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 468017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		08/13/24 08:24	08/16/24 17:22	1
Motor Oil (>C24-C36)	ND		350		ug/L		08/13/24 08:24	08/16/24 17:22	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	57		50 - 150				08/13/24 08:24	08/16/24 17:22	1

Lab Sample ID: LCS 580-468017/2-A

Matrix: Water

Analysis Batch: 468473

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 468017

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24)			4000	3090		ug/L		77	50 - 120
Motor Oil (>C24-C36)			4000	3460		ug/L		86	64 - 120
Surrogate			LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl			79		50 - 150				

Lab Sample ID: LCSD 580-468017/3-A

Matrix: Water

Analysis Batch: 468473

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 468017

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	4000	3230		ug/L		81	50 - 120	5	26
Motor Oil (>C24-C36)	4000	3450		ug/L		86	64 - 120	0	24

Eurofins Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCSD 580-468017/3-A
Matrix: Water
Analysis Batch: 468473

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468017

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	59		50 - 150

Lab Sample ID: MB 580-468018/1-A
Matrix: Water
Analysis Batch: 468662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468018

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
#2 Diesel (C10-C24)	ND		200		ug/L		08/13/24 08:28	08/19/24 11:41	1	
Motor Oil (>C24-C36)	ND		350		ug/L		08/13/24 08:28	08/19/24 11:41	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
o-Terphenyl	54		50 - 150				08/13/24 08:28	08/19/24 11:41	1	

Lab Sample ID: LCS 580-468018/2-A
Matrix: Water
Analysis Batch: 468476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468018

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
#2 Diesel (C10-C24)			4000	2890		ug/L		72	50 - 120	
Motor Oil (>C24-C36)			4000	3270		ug/L		82	64 - 120	
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
o-Terphenyl	82		50 - 150							

Lab Sample ID: LCSD 580-468018/3-A
Matrix: Water
Analysis Batch: 468476

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468018

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
#2 Diesel (C10-C24)			4000	2940		ug/L		73	50 - 120	2	26
Motor Oil (>C24-C36)			4000	3260		ug/L		82	64 - 120	0	24
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
o-Terphenyl	71		50 - 150								

Lab Sample ID: 580-142849-7 MS
Matrix: Water
Analysis Batch: 468476

Client Sample ID: MW-39_20240807
Prep Type: Total/NA
Prep Batch: 468018

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
#2 Diesel (C10-C24)	2500	F1	4210	3180	F1	ug/L		16	50 - 120	
Motor Oil (>C24-C36)	380		4210	3530		ug/L		75	64 - 120	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
o-Terphenyl	70		50 - 150							

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: 580-142849-7 MSD

Matrix: Water

Analysis Batch: 468476

Client Sample ID: MW-39_20240807

Prep Type: Total/NA

Prep Batch: 468018

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2500	F1	4090	3130	F1	ug/L		15	50 - 120	1	26
Motor Oil (>C24-C36)	380		4090	3490		ug/L		76	64 - 120	1	24
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	72		50 - 150								

Lab Sample ID: 580-142849-9 MS

Matrix: Water

Analysis Batch: 468476

Client Sample ID: MW-45_20240807

Prep Type: Total/NA

Prep Batch: 468018

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
#2 Diesel (C10-C24)	2600		4110	5940		ug/L		82	50 - 120		
Motor Oil (>C24-C36)	ND		4110	3840		ug/L		85	64 - 120		
Surrogate	MS %Recovery	MS Qualifier	Limits								
o-Terphenyl	74		50 - 150								

Lab Sample ID: 580-142849-9 MSD

Matrix: Water

Analysis Batch: 468476

Client Sample ID: MW-45_20240807

Prep Type: Total/NA

Prep Batch: 468018

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2600		4080	5890		ug/L		82	50 - 120	1	26
Motor Oil (>C24-C36)	ND		4080	3610		ug/L		80	64 - 120	6	24
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	71		50 - 150								

Lab Sample ID: MB 580-468135/1-A

Matrix: Water

Analysis Batch: 468341

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 468135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		08/14/24 08:22	08/15/24 14:49	1
Motor Oil (>C24-C36)	ND		350		ug/L		08/14/24 08:22	08/15/24 14:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150				08/14/24 08:22	08/15/24 14:49	1

Lab Sample ID: LCS 580-468135/2-A

Matrix: Water

Analysis Batch: 468341

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 468135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
#2 Diesel (C10-C24)	4000	3050		ug/L		76	50 - 120		
Motor Oil (>C24-C36)	4000	3220		ug/L		81	64 - 120		

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

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

Lab Sample ID: LCS 580-468135/2-A
Matrix: Water
Analysis Batch: 468341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468135

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	64		50 - 150

Lab Sample ID: LCSD 580-468135/3-A
Matrix: Water
Analysis Batch: 468341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468135

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits	RPD	Limit	
#2 Diesel (C10-C24)	4000	3550		ug/L		89	50 - 120	15	26	
Motor Oil (>C24-C36)	4000	3590		ug/L		90	64 - 120	11	24	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
<i>o</i> -Terphenyl	72		50 - 150							

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

GC/MS VOA

Analysis Batch: 468032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-1	MW-2_20240807	Total/NA	Water	NWTPH-Gx	
MB 580-468032/11	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-468032/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-468032/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 468036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-1	MW-2_20240807	Total/NA	Water	8260D	
580-142849-2	MW-14_20240807	Total/NA	Water	8260D	
MB 580-468036/11	Method Blank	Total/NA	Water	8260D	
LCS 580-468036/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468036/7	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 468123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-12	MW-58_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-13	MW-59_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-14	MW-61_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-15	MW-67_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-16	MW-68_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-17	MW-69_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-18	MW-70_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-19	MW-71_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-20	MW-72_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-21	MW-73_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-22	MW-74_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-23	MW-75_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-24	MW-76_20240808	Total/NA	Water	NWTPH-Gx	
MB 580-468123/11	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-468123/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-468123/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 468127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-12	MW-58_20240808	Total/NA	Water	8260D	
580-142849-13	MW-59_20240808	Total/NA	Water	8260D	
580-142849-14	MW-61_20240808	Total/NA	Water	8260D	
580-142849-15	MW-67_20240808	Total/NA	Water	8260D	
580-142849-17	MW-69_20240808	Total/NA	Water	8260D	
580-142849-18	MW-70_20240808	Total/NA	Water	8260D	
580-142849-20	MW-72_20240807	Total/NA	Water	8260D	
580-142849-21	MW-73_20240807	Total/NA	Water	8260D	
580-142849-22	MW-74_20240807	Total/NA	Water	8260D	
580-142849-23	MW-75_20240808	Total/NA	Water	8260D	
580-142849-24	MW-76_20240808	Total/NA	Water	8260D	
MB 580-468127/11	Method Blank	Total/NA	Water	8260D	
LCS 580-468127/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468127/7	Lab Control Sample Dup	Total/NA	Water	8260D	

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

GC/MS VOA

Analysis Batch: 468363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-2	MW-14_20240807	Total/NA	Water	NWTPH-Gx	
MB 580-468363/12	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-468363/9	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-468363/10	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 468367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-2	MW-14_20240807	Total/NA	Water	8260D	
580-142849-7	MW-39_20240807	Total/NA	Water	8260D	
MB 580-468367/12	Method Blank	Total/NA	Water	8260D	
LCS 580-468367/7	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468367/8	Lab Control Sample Dup	Total/NA	Water	8260D	
580-142849-7 MS	MW-39_20240807	Total/NA	Water	8260D	
580-142849-7 MSD	MW-39_20240807	Total/NA	Water	8260D	

Analysis Batch: 468430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-16	MW-68_20240808	Total/NA	Water	8260D	
MB 580-468430/7	Method Blank	Total/NA	Water	8260D	
LCS 580-468430/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468430/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 468434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-3	MW-19_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-4	MW-20_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-5	MW-21_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-8	MW-44_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-27	Dup-2_20240807	Total/NA	Water	NWTPH-Gx	
MB 580-468434/10	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-468434/7	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-468434/8	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 468439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-3	MW-19_20240807	Total/NA	Water	8260D	
580-142849-4	MW-20_20240807	Total/NA	Water	8260D	
580-142849-5	MW-21_20240807	Total/NA	Water	8260D	
580-142849-8	MW-44_20240807	Total/NA	Water	8260D	
580-142849-19	MW-71_20240807	Total/NA	Water	8260D	
580-142849-27	Dup-2_20240807	Total/NA	Water	8260D	
MB 580-468439/10	Method Blank	Total/NA	Water	8260D	
LCS 580-468439/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468439/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 468483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-6	MW-35_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-9	MW-45_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-26	Dup-1_20240807	Total/NA	Water	NWTPH-Gx	
MB 580-468483/11	Method Blank	Total/NA	Water	NWTPH-Gx	

Eurofins Seattle

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

GC/MS VOA (Continued)

Analysis Batch: 468483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 580-468483/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-468483/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-142849-9 MS	MW-45_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-9 MSD	MW-45_20240807	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 468488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-6	MW-35_20240807	Total/NA	Water	8260D	
580-142849-26	Dup-1_20240807	Total/NA	Water	8260D	
MB 580-468488/11	Method Blank	Total/NA	Water	8260D	
LCS 580-468488/12	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468488/13	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 468494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-15 - DL	MW-67_20240808	Total/NA	Water	8260D	
MB 580-468494/11	Method Blank	Total/NA	Water	8260D	
LCS 580-468494/12	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468494/13	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 468567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-7	MW-39_20240807	Total/NA	Water	NWTPH-Gx	
MB 580-468567/11	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-468567/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-468567/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-142849-7 MS	MW-39_20240807	Total/NA	Water	NWTPH-Gx	
580-142849-7 MSD	MW-39_20240807	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 468677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-9	MW-45_20240807	Total/NA	Water	8260D	
MB 580-468677/11	Method Blank	Total/NA	Water	8260D	
LCS 580-468677/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468677/7	Lab Control Sample Dup	Total/NA	Water	8260D	
580-142849-9 MS	MW-45_20240807	Total/NA	Water	8260D	
580-142849-9 MSD	MW-45_20240807	Total/NA	Water	8260D	

Analysis Batch: 468756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-10	MW-56_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-11	MW-57_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-25	MW-77_20240808	Total/NA	Water	NWTPH-Gx	
580-142849-28	Trip Blank_20240808	Total/NA	Water	NWTPH-Gx	
MB 580-468756/11	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-468756/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-468756/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 468761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-10	MW-56_20240808	Total/NA	Water	8260D	

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QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

GC/MS VOA (Continued)

Analysis Batch: 468761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-11	MW-57_20240808	Total/NA	Water	8260D	
580-142849-25	MW-77_20240808	Total/NA	Water	8260D	
580-142849-28	Trip Blank_20240808	Total/NA	Water	8260D	
MB 580-468761/11	Method Blank	Total/NA	Water	8260D	
LCS 580-468761/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-468761/7	Lab Control Sample Dup	Total/NA	Water	8260D	

GC Semi VOA

Prep Batch: 468017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-1 - RA	MW-2_20240807	Total/NA	Water	3510C	
580-142849-2 - RA	MW-14_20240807	Total/NA	Water	3510C	
580-142849-3 - RA	MW-19_20240807	Total/NA	Water	3510C	
MB 580-468017/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-468017/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-468017/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 468018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-4	MW-20_20240807	Total/NA	Water	3510C	
580-142849-5	MW-21_20240807	Total/NA	Water	3510C	
580-142849-7	MW-39_20240807	Total/NA	Water	3510C	
580-142849-8	MW-44_20240807	Total/NA	Water	3510C	
580-142849-9	MW-45_20240807	Total/NA	Water	3510C	
580-142849-10	MW-56_20240808	Total/NA	Water	3510C	
580-142849-11	MW-57_20240808	Total/NA	Water	3510C	
580-142849-12	MW-58_20240808	Total/NA	Water	3510C	
580-142849-13 - RA	MW-59_20240808	Total/NA	Water	3510C	
580-142849-14	MW-61_20240808	Total/NA	Water	3510C	
580-142849-15	MW-67_20240808	Total/NA	Water	3510C	
580-142849-16	MW-68_20240808	Total/NA	Water	3510C	
580-142849-17	MW-69_20240808	Total/NA	Water	3510C	
580-142849-18	MW-70_20240808	Total/NA	Water	3510C	
580-142849-19	MW-71_20240807	Total/NA	Water	3510C	
580-142849-20	MW-72_20240807	Total/NA	Water	3510C	
MB 580-468018/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-468018/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-468018/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
580-142849-7 MS	MW-39_20240807	Total/NA	Water	3510C	
580-142849-7 MSD	MW-39_20240807	Total/NA	Water	3510C	
580-142849-9 MS	MW-45_20240807	Total/NA	Water	3510C	
580-142849-9 MSD	MW-45_20240807	Total/NA	Water	3510C	

Prep Batch: 468135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-21	MW-73_20240807	Total/NA	Water	3510C	
580-142849-22	MW-74_20240807	Total/NA	Water	3510C	
580-142849-23	MW-75_20240808	Total/NA	Water	3510C	
580-142849-24	MW-76_20240808	Total/NA	Water	3510C	
580-142849-25	MW-77_20240808	Total/NA	Water	3510C	

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QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

GC Semi VOA (Continued)

Prep Batch: 468135 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-26	Dup-1_20240807	Total/NA	Water	3510C	
580-142849-27	Dup-2_20240807	Total/NA	Water	3510C	
MB 580-468135/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-468135/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-468135/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 468341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-21	MW-73_20240807	Total/NA	Water	NWTPH-Dx	468135
580-142849-22	MW-74_20240807	Total/NA	Water	NWTPH-Dx	468135
580-142849-23	MW-75_20240808	Total/NA	Water	NWTPH-Dx	468135
580-142849-24	MW-76_20240808	Total/NA	Water	NWTPH-Dx	468135
580-142849-25	MW-77_20240808	Total/NA	Water	NWTPH-Dx	468135
580-142849-26	Dup-1_20240807	Total/NA	Water	NWTPH-Dx	468135
580-142849-27	Dup-2_20240807	Total/NA	Water	NWTPH-Dx	468135
MB 580-468135/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	468135
LCS 580-468135/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	468135
LCSD 580-468135/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	468135

Analysis Batch: 468473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-1 - RA	MW-2_20240807	Total/NA	Water	NWTPH-Dx	468017
580-142849-2 - RA	MW-14_20240807	Total/NA	Water	NWTPH-Dx	468017
580-142849-3 - RA	MW-19_20240807	Total/NA	Water	NWTPH-Dx	468017
MB 580-468017/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	468017
LCS 580-468017/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	468017
LCSD 580-468017/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	468017

Analysis Batch: 468476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-4	MW-20_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-5	MW-21_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-7	MW-39_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-8	MW-44_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-9	MW-45_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-10	MW-56_20240808	Total/NA	Water	NWTPH-Dx	468018
580-142849-11	MW-57_20240808	Total/NA	Water	NWTPH-Dx	468018
580-142849-12	MW-58_20240808	Total/NA	Water	NWTPH-Dx	468018
580-142849-14	MW-61_20240808	Total/NA	Water	NWTPH-Dx	468018
580-142849-15	MW-67_20240808	Total/NA	Water	NWTPH-Dx	468018
580-142849-16	MW-68_20240808	Total/NA	Water	NWTPH-Dx	468018
580-142849-17	MW-69_20240808	Total/NA	Water	NWTPH-Dx	468018
580-142849-18	MW-70_20240808	Total/NA	Water	NWTPH-Dx	468018
580-142849-19	MW-71_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-20	MW-72_20240807	Total/NA	Water	NWTPH-Dx	468018
LCS 580-468018/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	468018
LCSD 580-468018/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	468018
580-142849-7 MS	MW-39_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-7 MSD	MW-39_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-9 MS	MW-45_20240807	Total/NA	Water	NWTPH-Dx	468018
580-142849-9 MSD	MW-45_20240807	Total/NA	Water	NWTPH-Dx	468018

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QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

GC Semi VOA

Analysis Batch: 468662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-142849-13 - RA	MW-59_20240808	Total/NA	Water	NWTPH-Dx	468018
MB 580-468018/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	468018

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-2_20240807

Lab Sample ID: 580-142849-1

Date Collected: 08/07/24 10:00

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468036	JBT	EET SEA	08/13/24 18:57
Total/NA	Analysis	NWTPH-Gx		1	468032	JBT	EET SEA	08/13/24 18:57
Total/NA	Prep	3510C	RA		468017	JW	EET SEA	08/13/24 08:24
Total/NA	Analysis	NWTPH-Dx	RA	1	468473	SW	EET SEA	08/17/24 05:43

Client Sample ID: MW-14_20240807

Lab Sample ID: 580-142849-2

Date Collected: 08/07/24 14:30

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468036	JBT	EET SEA	08/13/24 19:20
Total/NA	Analysis	8260D		1	468367	JBT	EET SEA	08/15/24 20:35
Total/NA	Analysis	NWTPH-Gx		1	468363	JBT	EET SEA	08/15/24 20:35
Total/NA	Prep	3510C	RA		468017	JW	EET SEA	08/13/24 08:24
Total/NA	Analysis	NWTPH-Dx	RA	1	468473	SW	EET SEA	08/17/24 06:03

Client Sample ID: MW-19_20240807

Lab Sample ID: 580-142849-3

Date Collected: 08/07/24 13:40

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	468439	K1K	EET SEA	08/16/24 07:03
Total/NA	Analysis	NWTPH-Gx		10	468434	JBT	EET SEA	08/16/24 07:03
Total/NA	Prep	3510C	RA		468017	JW	EET SEA	08/13/24 08:24
Total/NA	Analysis	NWTPH-Dx	RA	1	468473	SW	EET SEA	08/17/24 06:23

Client Sample ID: MW-20_20240807

Lab Sample ID: 580-142849-4

Date Collected: 08/07/24 10:35

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468439	K1K	EET SEA	08/16/24 01:37
Total/NA	Analysis	NWTPH-Gx		1	468434	JBT	EET SEA	08/16/24 01:37
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 18:24

Client Sample ID: MW-21_20240807

Lab Sample ID: 580-142849-5

Date Collected: 08/07/24 10:50

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	468439	K1K	EET SEA	08/16/24 07:26
Total/NA	Analysis	NWTPH-Gx		10	468434	JBT	EET SEA	08/16/24 07:26
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 18:45

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Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-35_20240807

Lab Sample ID: 580-142849-6

Date Collected: 08/07/24 13:45

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		100	468488	JBT	EET SEA	08/16/24 19:38
Total/NA	Analysis	NWTPH-Gx		100	468483	JBT	EET SEA	08/16/24 19:38

Client Sample ID: MW-39_20240807

Lab Sample ID: 580-142849-7

Date Collected: 08/07/24 11:15

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468367	JBT	EET SEA	08/15/24 20:12
Total/NA	Analysis	NWTPH-Gx		1	468567	JBT	EET SEA	08/17/24 04:09
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 19:06

Client Sample ID: MW-44_20240807

Lab Sample ID: 580-142849-8

Date Collected: 08/07/24 14:25

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468439	K1K	EET SEA	08/16/24 02:01
Total/NA	Analysis	NWTPH-Gx		1	468434	JBT	EET SEA	08/16/24 02:01
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 20:07

Client Sample ID: MW-45_20240807

Lab Sample ID: 580-142849-9

Date Collected: 08/07/24 11:40

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	468677	K1K	EET SEA	08/19/24 21:11
Total/NA	Analysis	NWTPH-Gx		10	468483	JBT	EET SEA	08/16/24 20:47
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 20:28

Client Sample ID: MW-56_20240808

Lab Sample ID: 580-142849-10

Date Collected: 08/08/24 10:05

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		100	468761	JBT	EET SEA	08/20/24 10:45
Total/NA	Analysis	NWTPH-Gx		100	468756	JBT	EET SEA	08/20/24 10:45
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 21:49

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-57_20240808

Lab Sample ID: 580-142849-11

Date Collected: 08/08/24 10:35

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468761	JBT	EET SEA	08/20/24 06:06
Total/NA	Analysis	NWTPH-Gx		1	468756	JBT	EET SEA	08/20/24 06:06
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 22:09

Client Sample ID: MW-58_20240808

Lab Sample ID: 580-142849-12

Date Collected: 08/08/24 10:49

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 08:49
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 08:49
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 22:29

Client Sample ID: MW-59_20240808

Lab Sample ID: 580-142849-13

Date Collected: 08/08/24 11:07

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 09:12
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 09:12
Total/NA	Prep	3510C	RA		468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx	RA	1	468662	SW	EET SEA	08/19/24 12:01

Client Sample ID: MW-61_20240808

Lab Sample ID: 580-142849-14

Date Collected: 08/08/24 10:30

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 04:35
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 04:35
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 23:09

Client Sample ID: MW-67_20240808

Lab Sample ID: 580-142849-15

Date Collected: 08/08/24 08:30

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 09:35
Total/NA	Analysis	8260D	DL	10	468494	JBT	EET SEA	08/16/24 23:32
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 09:35
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 23:29

Eurofins Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-68_20240808

Lab Sample ID: 580-142849-16

Date Collected: 08/08/24 09:20

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468430	JBT	EET SEA	08/15/24 23:40
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 04:58
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/16/24 23:49

Client Sample ID: MW-69_20240808

Lab Sample ID: 580-142849-17

Date Collected: 08/08/24 10:00

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 05:21
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 05:21
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/17/24 00:09

Client Sample ID: MW-70_20240808

Lab Sample ID: 580-142849-18

Date Collected: 08/08/24 11:10

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 05:44
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 05:44
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/17/24 00:49

Client Sample ID: MW-71_20240807

Lab Sample ID: 580-142849-19

Date Collected: 08/07/24 10:05

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468439	K1K	EET SEA	08/16/24 02:24
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 06:07
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/17/24 01:09

Client Sample ID: MW-72_20240807

Lab Sample ID: 580-142849-20

Date Collected: 08/07/24 15:35

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 06:30
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 06:30
Total/NA	Prep	3510C			468018	JW	EET SEA	08/13/24 08:28
Total/NA	Analysis	NWTPH-Dx		1	468476	SW	EET SEA	08/17/24 01:28

Eurofins Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: MW-73_20240807

Lab Sample ID: 580-142849-21

Date Collected: 08/07/24 16:30

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 06:54
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 06:54
Total/NA	Prep	3510C			468135	JW	EET SEA	08/14/24 08:22
Total/NA	Analysis	NWTPH-Dx		1	468341	SW	EET SEA	08/15/24 19:11

Client Sample ID: MW-74_20240807

Lab Sample ID: 580-142849-22

Date Collected: 08/07/24 15:40

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 07:17
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 07:17
Total/NA	Prep	3510C			468135	JW	EET SEA	08/14/24 08:22
Total/NA	Analysis	NWTPH-Dx		1	468341	SW	EET SEA	08/15/24 19:31

Client Sample ID: MW-75_20240808

Lab Sample ID: 580-142849-23

Date Collected: 08/08/24 08:28

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 07:40
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 07:40
Total/NA	Prep	3510C			468135	JW	EET SEA	08/14/24 08:22
Total/NA	Analysis	NWTPH-Dx		1	468341	SW	EET SEA	08/15/24 19:51

Client Sample ID: MW-76_20240808

Lab Sample ID: 580-142849-24

Date Collected: 08/08/24 11:30

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468127	JBT	EET SEA	08/14/24 08:03
Total/NA	Analysis	NWTPH-Gx		1	468123	JBT	EET SEA	08/14/24 08:03
Total/NA	Prep	3510C			468135	JW	EET SEA	08/14/24 08:22
Total/NA	Analysis	NWTPH-Dx		1	468341	SW	EET SEA	08/15/24 20:11

Client Sample ID: MW-77_20240808

Lab Sample ID: 580-142849-25

Date Collected: 08/08/24 11:31

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468761	JBT	EET SEA	08/20/24 06:29
Total/NA	Analysis	NWTPH-Gx		1	468756	JBT	EET SEA	08/20/24 06:29
Total/NA	Prep	3510C			468135	JW	EET SEA	08/14/24 08:22
Total/NA	Analysis	NWTPH-Dx		1	468341	SW	EET SEA	08/15/24 20:32

Eurofins Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Client Sample ID: Dup-1_20240807

Lab Sample ID: 580-142849-26

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		100	468488	JBT	EET SEA	08/16/24 20:01
Total/NA	Analysis	NWTPH-Gx		100	468483	JBT	EET SEA	08/16/24 20:01
Total/NA	Prep	3510C			468135	JW	EET SEA	08/14/24 08:22
Total/NA	Analysis	NWTPH-Dx		1	468341	SW	EET SEA	08/15/24 20:52

Client Sample ID: Dup-2_20240807

Lab Sample ID: 580-142849-27

Date Collected: 08/07/24 00:00

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	468439	K1K	EET SEA	08/16/24 07:49
Total/NA	Analysis	NWTPH-Gx		10	468434	JBT	EET SEA	08/16/24 07:49
Total/NA	Prep	3510C			468135	JW	EET SEA	08/14/24 08:22
Total/NA	Analysis	NWTPH-Dx		1	468341	SW	EET SEA	08/15/24 21:12

Client Sample ID: Trip Blank_20240808

Lab Sample ID: 580-142849-28

Date Collected: 08/08/24 00:00

Matrix: Water

Date Received: 08/09/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	468761	JBT	EET SEA	08/20/24 04:10
Total/NA	Analysis	NWTPH-Gx		1	468756	JBT	EET SEA	08/20/24 04:10

Laboratory References:

EET SEA = Eurofins 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 2024

Job ID: 580-142849-1

Laboratory: Eurofins Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Method Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SEA
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SEA
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET SEA
5030B	Purge and Trap	SW846	EET SEA

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

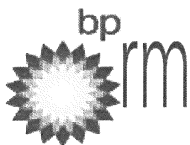
EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station 2024

Job ID: 580-142849-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-142849-1	MW-2_20240807	Water	08/07/24 10:00	08/09/24 13:20
580-142849-2	MW-14_20240807	Water	08/07/24 14:30	08/09/24 13:20
580-142849-3	MW-19_20240807	Water	08/07/24 13:40	08/09/24 13:20
580-142849-4	MW-20_20240807	Water	08/07/24 10:35	08/09/24 13:20
580-142849-5	MW-21_20240807	Water	08/07/24 10:50	08/09/24 13:20
580-142849-6	MW-35_20240807	Water	08/07/24 13:45	08/09/24 13:20
580-142849-7	MW-39_20240807	Water	08/07/24 11:15	08/09/24 13:20
580-142849-8	MW-44_20240807	Water	08/07/24 14:25	08/09/24 13:20
580-142849-9	MW-45_20240807	Water	08/07/24 11:40	08/09/24 13:20
580-142849-10	MW-56_20240808	Water	08/08/24 10:05	08/09/24 13:20
580-142849-11	MW-57_20240808	Water	08/08/24 10:35	08/09/24 13:20
580-142849-12	MW-58_20240808	Water	08/08/24 10:49	08/09/24 13:20
580-142849-13	MW-59_20240808	Water	08/08/24 11:07	08/09/24 13:20
580-142849-14	MW-61_20240808	Water	08/08/24 10:30	08/09/24 13:20
580-142849-15	MW-67_20240808	Water	08/08/24 08:30	08/09/24 13:20
580-142849-16	MW-68_20240808	Water	08/08/24 09:20	08/09/24 13:20
580-142849-17	MW-69_20240808	Water	08/08/24 10:00	08/09/24 13:20
580-142849-18	MW-70_20240808	Water	08/08/24 11:10	08/09/24 13:20
580-142849-19	MW-71_20240807	Water	08/07/24 10:05	08/09/24 13:20
580-142849-20	MW-72_20240807	Water	08/07/24 15:35	08/09/24 13:20
580-142849-21	MW-73_20240807	Water	08/07/24 16:30	08/09/24 13:20
580-142849-22	MW-74_20240807	Water	08/07/24 15:40	08/09/24 13:20
580-142849-23	MW-75_20240808	Water	08/08/24 08:28	08/09/24 13:20
580-142849-24	MW-76_20240808	Water	08/08/24 11:30	08/09/24 13:20
580-142849-25	MW-77_20240808	Water	08/08/24 11:31	08/09/24 13:20
580-142849-26	Dup-1_20240807	Water	08/07/24 00:00	08/09/24 13:20
580-142849-27	Dup-2_20240807	Water	08/07/24 00:00	08/09/24 13:20
580-142849-28	Trip Blank_20240808	Water	08/08/24 00:00	08/09/24 13:20



Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 1 of 5

BP Site Node Path: Olympic Pipeline Company

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

Rush TAT Yes No X

BP/RM Facility No: Allen Station

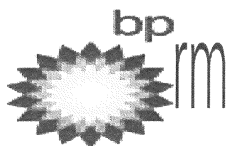
Lab Work Order Number:

Lab Name: Eurofins	BP/ARC Facility Address: 16292 Ovenell Road	Consultant/Contractor: Antea Group											
Lab Address: Tacoma, WA	City, State, ZIP Code: Mt. Vernon, Washington 98421	Consultant/Contractor Project No: OPLC Allen Station 2024											
Lab PM: M. Elaine Walker	Lead Regulatory Agency: Washington Department of Ecology	Address: 18378-B Redmond Way, Redmond, WA 98052											
Lab Phone: 253-922-2310	California Global ID No.: NA	Consultant/Contractor PM: Nolan Lewis											
Lab Shipping Acct: NA	Enfos Proposal No: 00BHW-0020/WR1105486	Phone: 503-550-3703 Email: Nolan.Lewis@anteagroup.us											
Lab Bottle Order No: NA	Accounting Mode: Provision X OOC-BU OOC-RM	Send/Submit EDD to: Nolan.Lewis@anteagroup.us											
Other Info: m.elaine.walker@et.eurofinsus.com	Stage Appraise (10) Activity Interim Measures (123)	Invoice To: BP-RM BP/ARC X											
BP/RM PM: Wade Melton	Sample Details	Requested Analyses											
		Report Type & QC Level											
		Limited (Standard) Package X											
PM Phone: 360-594-7978		Limited Plus Package											
PM Email: wade.melton@bp.com		Full Package											
Lab No.	Sample Description	Date	Time	Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	Pres	Filt	Comments
	C			W				G	8	X	X	X	
	MW-2_20240807	8/7/2024	1000	W				G	8	X	X	X	
	MW-9			W				G		X	X	X	
	MW-14_20240807	8/7/2024	1430	W				G	8	X	X	X	
	MW-19_20240807	8/7/2024	1340	W				G	8	X	X	X	
	MW-20_20240807	8/7/2024	1035	W				G	8	X	X	X	
	MW-21_20240807	8/7/2024	1050	W				G	8	X	X	X	
Sampler's Name: Manah Holloway/Manah Murphy	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time							
Sampler's Company: Antea Group	Dennis Lindelof	8/9/24	1320	EETN	8/9/24	1320							
Ship Method: Coaster	Ship Date: 8/9/24												
Shipment Tracking No:													
Special Instructions: Please only report Total Xylenes (instead of m&p or o). Report all groundwater results in ug/L.													
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													



580-142849 Chain of Custody

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Antea Group - Business Confidential



Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 2 of 5

BP Site Node Path: Olympic Pipeline Company

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

Rush TAT Yes No X

BP/RM Facility No: Allen Station

Lab Work Order Number:

Lab Name:	Eurofins	BP/ARC Facility Address:	16292 Ovenell Road	Consultant/Contractor:	Antea Group								
Lab Address:	Tacoma, WA	City, State, ZIP Code:	Mt. Vernon, Washington 98421	Consultant/Contractor Project No:	OPLC Allen Station 2024								
Lab PM:	M. Elaine Walker	Lead Regulatory Agency:	Washington Department of Ecology	Address:	18378-B Redmond Way, Redmond, WA 98052								
Lab Phone:	253-922-2310	California Global ID No.:	NA	Consultant/Contractor PM:	Nolan Lewis								
Lab Shipping Acct:	NA	Enfos Proposal No:	00BHW-0020/WR1105486	Phone:	503-550-3703								
Lab Bottle Order No:	NA	Accounting Mode:	Provision X OOC-BU OOC-RM	Email:	Nolan.Lewis@anteagroup.us								
Other Info:	m.elaine.walker@et.eurofinsus.com	Stage	Appraise (10)	Activity	Interim Measures (123)								
Invoice To:	BP-RM X BP/ARC X												
BP/RM PM:	Wade Melton	Sample Details			Requested Analyses								
PM Phone:	360-594-7978	Report Type & QC Level			Limited (Standard) Package X								
PM Email:	wade.melton@bp.com	Limited Plus Package			Full Package								
Lab No.	Sample Description	Date	Time	Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	Pres	Filt	Comments
	MW-35_20240807	8/7/2024	1345	W				G	8	X	X	X	
	MW-39_20240807	8/7/2024	1115	W				G	24	X	X	X	
	MW-44_20240807	8/7/2024	1425	W				G	8	X	X	X	
	MW-45_20240807	8/7/2024	1140	W				G	24	X	X	X	
	MW-56_20240808	8/8/2024	1005	W				G	8	X	X	X	
	MW-57_20240808	8/8/2024	1035	W				G	8	X	X	X	
	MW-58_20240808	8/8/2024	1049	W				G	8	X	X	X	
Sampler's Name: MM/MM/OL		Relinquished By / Affiliation			Date	Time	Accepted By / Affiliation			Date	Time		
Sampler's Company: Antea Group		D. R. / Antea			8/9/24	13:20	K. E. / EETN			8/9/24	13:20		
Ship Method: Cooler		Ship Date: 8/9/24											
Shipment Tracking No:													
Special Instructions: Please only report Total Xylenes (instead of m&p or o). Report all groundwater results in ug/L.													
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No													

BP LaMP Soil/H2O COC July 2018

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Antea Group - Business Confidential

[illegible]

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Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 4 of 5

BP Site Node Path: Olympic Pipeline Company

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

Rush TAT Yes No X

BP/RM Facility No: Allen Station

Lab Work Order Number:

[illegible]

BP LaMP Soil/H2O COC July 2018

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[illegible]

Therm. ID: 14 Cor: 0.2 Unc: 0.1
Cooler Desc: 2.8 FedEx: _____
Packing: Bub UPS: _____
Inst. Seal: Yes No Lab Count: X
Blue Ice, Wet Dry, None Other: _____

#1

Therm. ID: 14 Cor: 0.2 Unc: 0.1
Cooler Desc: Bub FedEx: _____
Packing: Bub UPS: _____
Inst. Seal: Yes No Lab Count: X
Blue Ice, Wet Dry, None Other: _____

#2

Therm. ID: 14 Cor: 1.1 Unc: 0.8
Cooler Desc: 2.8 FedEx: _____
Packing: Bub UPS: _____
Inst. Seal: Yes No Lab Count: X
Blue Ice, Wet Dry, None Other: _____

#3

Therm. ID: 14 Cor: 4.9 Unc: 4.1
Cooler Desc: 2.8 FedEx: _____
Packing: Bub UPS: _____
Inst. Seal: Yes No Lab Count: X
Blue Ice, Wet Dry, None Other: _____

#4

Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-142849-1

Login Number: 142849

List Source: Eurofins Seattle

List Number: 1

Creator: Groves, Elizabeth

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468036 Batch Start Date: 08/13/24 10:24 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00041	VOAMasterSEC 00094	VOASTDGASSEC 00001
LCS 580-468036/6		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-468036/7		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-468036/11		8260D			10 mL	10 mL		10 uL		
580-142849-D-1	MW-2_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-2	MW-14_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468127 Batch Start Date: 08/13/24 22:48 Batch Analyst: Tucker, Jonathon BBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00041	VOAMasterSEC 00094	VOASTDGASSEC 00001
LCS 580-468127/6		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-468127/7		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-468127/11		8260D			10 mL	10 mL		10 uL		
580-142849-D-14	MW-61_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-17	MW-69_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-18	MW-70_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-E-20	MW-72_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-21	MW-73_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-22	MW-74_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-23	MW-75_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-24	MW-76_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-12	MW-58_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-13	MW-59_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-15	MW-67_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes

pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468367 Batch Start Date: 08/15/24 12:38 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	5X SUR/IS 00041	VOAMasterSEC 00094	VOASTDGASSEC 00001	
LCS 580-468367/7		8260D			10 mL	10 mL	10 uL	5 uL	5 uL	
LCSD 580-468367/8		8260D			10 mL	10 mL	10 uL	5 uL	5 uL	
MB 580-468367/12		8260D			10 mL	10 mL	10 uL			
580-142849-E-7	MW-39_20240807	8260D	Water	T	10 mL	10 mL	10 uL			
580-142849-A-2	MW-14_20240807	8260D	Water	T	10 mL	10 mL	10 uL			
580-142849-D-7	MW-39_20240807	8260D	Water	T	10 mL	10 mL	10 uL	4.3 uL	4.3 uL	
MS 580-142849-E-7	MW-39_20240807	8260D	Water	T	10 mL	10 mL	10 uL	4.3 uL	4.3 uL	
MSD										

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468430 Batch Start Date: 08/15/24 20:46 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	VOAMasterSEC 00094	VOASTDGASSEC 00001
LCS 580-468430/4		8260D			5 mL	5 mL		5 uL	10 uL	10 uL
LCSD 580-468430/5		8260D			5 mL	5 mL		5 uL	10 uL	10 uL
MB 580-468430/7		8260D			5 mL	5 mL		5 uL		
580-142849-A-16	MW-68_20240808	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL		

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468439 Batch Start Date: 08/15/24 21:45 Batch Analyst: Klongnganchui, Kanjana 1

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	VOAMasterSEC 00094	VOASTDGASSEC 00001
LCS 580-468439/5		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-468439/6		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-468439/10		8260D			10 mL	10 mL		10 uL		
580-142849-B-4	MW-20_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-A-8	MW-44_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-A-19	MW-71_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-B-3	MW-19_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-B-5	MW-21_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-27	Dup-2_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468488 Batch Start Date: 08/16/24 11:29 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	VOAMasterSEC 00094	VOASTDGASSEC 00001
MB 580-468488/11		8260D			10 mL	10 mL		10 uL		
LCS 580-468488/12		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-468488/13		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
580-142849-B-6	MW-35_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-26	Dup-1_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.:

Batch Number: 468494 Batch Start Date: 08/16/24 11:59 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00041	VOAMasterSEC 00094	VOASTDGASSEC 00001
MB 580-468494/11		8260D			10 mL	10 mL		10 uL		
LCS 580-468494/12		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-468494/13		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
580-142849-E-15	MW-67_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.:

Batch Number: 468677 Batch Start Date: 08/19/24 11:02 Batch Analyst: Klongnganchui, Kanjana 1

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	VOAMasterSEC 00094	VOASTDGASSEC 00001
LCS 580-468677/6		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-468677/7		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-468677/11		8260D			10 mL	10 mL		10 uL		
580-142849-D-9	MW-45_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-C-9	MW-45_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL	4.3 uL	4.3 uL
MS 580-142849-D-9 MSD	MW-45_20240807	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL	4.3 uL	4.3 uL

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468761 Batch Start Date: 08/19/24 23:31 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	VOAMasterSEC 00094	VOASTDGASSEC 00001
LCS 580-468761/6		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-468761/7		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-468761/11		8260D			10 mL	10 mL		10 uL		
580-142849-A-28	Trip Blank 20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-A-11	MW-57_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-E-25	MW-77_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-B-10	MW-56_20240808	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468032 Batch Start Date: 08/13/24 10:24 Batch Analyst: Tucker, Jonathon B

Batch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00041	GRO_LCS_SEC 00001	
LCS 580-468032/8		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
LCSD 580-468032/9		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
MB 580-468032/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-142849-D-1	MW-2_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-142849-1

SDG No.: _____

Batch Number: 468123Batch Start Date: 08/13/24 22:48Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx

Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00041	GRO_LCS_SEC 00001	
LCS 580-468123/8		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
LCSD 580-468123/9		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
MB 580-468123/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-142849-D-14	MW-61_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-16	MW-68_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-17	MW-69_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-18	MW-70_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-B-19	MW-71_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-E-20	MW-72_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-21	MW-73_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-22	MW-74_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-23	MW-75_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-24	MW-76_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-12	MW-58_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-13	MW-59_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-D-15	MW-67_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes

pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468363 Batch Start Date: 08/15/24 12:38 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00041	GRO_LCS_SEC 00001	
LCS 580-468363/9		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
LCSD 580-468363/10		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
MB 580-468363/12		NWTPH-Gx			10 mL	10 mL		10 uL		
580-142849-A-2	MW-14_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes

pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468434 Batch Start Date: 08/15/24 21:45 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	GRO_LCS_SEC 00001	
LCS 580-468434/7		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
LCSD 580-468434/8		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
MB 580-468434/10		NWTPH-Gx			10 mL	10 mL		10 uL		
580-142849-B-4	MW-20_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-A-8	MW-44_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-B-3	MW-19_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-B-5	MW-21_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-27	Dup-2_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes

pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468483 Batch Start Date: 08/16/24 11:29 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	GRO_LCS_SEC 00001	
LCS 580-468483/8		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
LCSD 580-468483/9		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
MB 580-468483/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-142849-B-6	MW-35_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-F-26	Dup-1_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-C-9	MW-45_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-A-9 MS	MW-45_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL	10.75 uL	
580-142849-A-9 MSD	MW-45_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL	10.75 uL	

Batch Notes

pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468567 Batch Start Date: 08/16/24 23:53 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	GRO_LCS_SEC 00001	
LCS 580-468567/8		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
LCSD 580-468567/9		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
MB 580-468567/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-142849-F-7	MW-39_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-B-7	MW-39_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL	10.75 uL	
MS 580-142849-A-7	MW-39_20240807	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL	10.75 uL	
MSD										

Batch Notes

pH Indicator ID	226322
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468756 Batch Start Date: 08/19/24 23:31 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00042	GRO_LCS_SEC 00001	
LCS 580-468756/8		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
LCSD 580-468756/9		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
MB 580-468756/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-142849-A-28	Trip Blank 20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-A-11	MW-57_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-E-25	MW-77_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-142849-B-10	MW-56_20240808	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468017 Batch Start Date: 08/13/24 08:24 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 08/13/24 13:17

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-468017/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-468017/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCSD 580-468017/3		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-142849-G-1	MW-2_20240807	3510C, NWTPH-Dx	Water	T	00412.06 g	00167.20 g	244.9 mL	2 mL	2 SU	n/a SU
580-142849-H-2	MW-14_20240807	3510C, NWTPH-Dx	Water	T	00411.83 g	00167.20 g	244.6 mL	2 mL	2 SU	n/a SU
580-142849-H-3	MW-19_20240807	3510C, NWTPH-Dx	Water	T	00415.91 g	00167.92 g	248 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00116			
MB 580-468017/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-468017/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
LCSD 580-468017/3		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-142849-G-1	MW-2_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-2	MW-14_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-3	MW-19_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 3

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468017 Batch Start Date: 08/13/24 08:24 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 08/13/24 13:17

Batch Notes	
Method/Fraction	3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	JW
Analyst ID - Spike Witness Analyst	EF
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3548691
Prep Solvent ID	MeCl_CT_00277
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	baked Na2SO4_00488
Analyst ID - Concentration	MJ
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 5
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by:EF Reviewed by:JW

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 2 of 3

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-142849-1

SDG No.: _____

Batch Number: 468017Batch Start Date: 08/13/24 08:24Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 08/13/24 13:17

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 3 of 3

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle

Job No.: 580-142849-1

SDG No.:

Batch Number: 468018

Batch Start Date: 08/13/24 08:28

Batch Analyst: Wilson, Jacob

Batch Method: 3510C

Batch End Date: 08/13/24 13:49

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-468018/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-468018/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCSD 580-468018/3		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-142849-G-4	MW-20_20240807	3510C, NWTPH-Dx	Water	T	00408.13 g	00170.58 g	237.6 mL	2 mL	2 SU	n/a SU
580-142849-H-5	MW-21_20240807	3510C, NWTPH-Dx	Water	T	00412.87 g	00169.51 g	243.4 mL	2 mL	2 SU	n/a SU
580-142849-H-7	MW-39_20240807	3510C, NWTPH-Dx	Water	T	00414.78 g	00167.86 g	246.9 mL	2 mL	2 SU	n/a SU
580-142849-G-7 MS	MW-39_20240807	3510C, NWTPH-Dx	Water	T	00405.16 g	167.80 g	237.4 mL	2 mL	2 SU	n/a SU
580-142849-H-7 MSD	MW-39_20240807	3510C, NWTPH-Dx	Water	T	00412.56 g	167.84 g	244.7 mL	2 mL	2 SU	n/a SU
580-142849-H-8	MW-44_20240807	3510C, NWTPH-Dx	Water	T	00413.00 g	168.65 g	244.4 mL	2 mL	2 SU	n/a SU
580-142849-H-9	MW-45_20240807	3510C, NWTPH-Dx	Water	T	00411.07 g	166.17 g	244.9 mL	2 mL	2 SU	n/a SU
580-142849-G-9 MS	MW-45_20240807	3510C, NWTPH-Dx	Water	T	00411.88 g	168.34 g	243.5 mL	2 mL	2 SU	n/a SU
580-142849-H-9 MSD	MW-45_20240807	3510C, NWTPH-Dx	Water	T	00413.20 g	168.22 g	245 mL	2 mL	2 SU	n/a SU
580-142849-H-10	MW-56_20240808	3510C, NWTPH-Dx	Water	T	00405.49 g	168.47 g	237 mL	2 mL	2 SU	n/a SU
580-142849-G-11	MW-57_20240808	3510C, NWTPH-Dx	Water	T	00410.96 g	167.10 g	243.9 mL	2 mL	2 SU	n/a SU
580-142849-H-12	MW-58_20240808	3510C, NWTPH-Dx	Water	T	00411.53 g	167.20 g	244.3 mL	2 mL	2 SU	n/a SU
580-142849-G-13	MW-59_20240808	3510C, NWTPH-Dx	Water	T	00411.76 g	167.24 g	244.5 mL	2 mL	2 SU	n/a SU
580-142849-G-14	MW-61_20240808	3510C, NWTPH-Dx	Water	T	00414.45 g	167.54 g	246.9 mL	2 mL	2 SU	n/a SU
580-142849-G-15	MW-67_20240808	3510C, NWTPH-Dx	Water	T	00414.64 g	168.02 g	246.6 mL	2 mL	2 SU	n/a SU
580-142849-G-16	MW-68_20240808	3510C, NWTPH-Dx	Water	T	00413.02 g	167.50 g	245.5 mL	2 mL	2 SU	n/a SU
580-142849-H-17	MW-69_20240808	3510C, NWTPH-Dx	Water	T	00413.42 g	166.67 g	246.8 mL	2 mL	2 SU	n/a SU
580-142849-G-18	MW-70_20240808	3510C, NWTPH-Dx	Water	T	00412.83 g	167.72 g	245.1 mL	2 mL	2 SU	n/a SU

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 5

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468018 Batch Start Date: 08/13/24 08:28 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 08/13/24 13:49

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
580-142849-G-19	MW-71_20240807	3510C, NWTPH-Dx	Water	T	00413.87 g	169.19 g	244.7 mL	2 mL	2 SU	n/a SU
580-142849-H-20	MW-72_20240807	3510C, NWTPH-Dx	Water	T	00411.07 g	168.63 g	242.4 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00116			
MB 580-468018/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-468018/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
LCSD 580-468018/3		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-142849-G-4	MW-20_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-5	MW-21_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-7	MW-39_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-7 MS	MW-39_20240807	3510C, NWTPH-Dx	Water	T	n/a SU	100 uL	100 uL			
580-142849-H-7 MSD	MW-39_20240807	3510C, NWTPH-Dx	Water	T	n/a SU	100 uL	100 uL			
580-142849-H-8	MW-44_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-9	MW-45_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-9 MS	MW-45_20240807	3510C, NWTPH-Dx	Water	T	n/a SU	100 uL	100 uL			
580-142849-H-9 MSD	MW-45_20240807	3510C, NWTPH-Dx	Water	T	n/a SU	100 uL	100 uL			
580-142849-H-10	MW-56_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-11	MW-57_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-12	MW-58_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-13	MW-59_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-14	MW-61_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468018 Batch Start Date: 08/13/24 08:28 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 08/13/24 13:49

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00116			
580-142849-G-15	MW-67_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-16	MW-68_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-17	MW-69_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-18	MW-70_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-19	MW-71_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-20	MW-72_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468018 Batch Start Date: 08/13/24 08:28 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 08/13/24 13:49

Batch Notes	
Method/Fraction	3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	JW
Analyst ID - Spike Witness Analyst	EF
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3548691
Prep Solvent ID	MeCl_CT_00277
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	baked Na2SO4_00488
Analyst ID - Concentration	MJ
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 5
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by:EF Reviewed by:JW

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-142849-1

SDG No.: _____

Batch Number: 468018Batch Start Date: 08/13/24 08:28Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 08/13/24 13:49

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468135 Batch Start Date: 08/14/24 08:22 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 08/14/24 15:41

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-468135/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-468135/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCSD 580-468135/3		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-142849-G-21	MW-73_20240807	3510C, NWTPH-Dx	Water	T	00414.60 g	00167.63 g	247 mL	2 mL	2 SU	n/a SU
580-142849-G-22	MW-74_20240807	3510C, NWTPH-Dx	Water	T	00412.95 g	00168.07 g	244.9 mL	2 mL	2 SU	n/a SU
580-142849-H-23	MW-75_20240808	3510C, NWTPH-Dx	Water	T	00406.60 g	00166.43 g	240.2 mL	2 mL	2 SU	n/a SU
580-142849-G-24	MW-76_20240808	3510C, NWTPH-Dx	Water	T	00413.03 g	00168.39 g	244.6 mL	2 mL	2 SU	n/a SU
580-142849-G-25	MW-77_20240808	3510C, NWTPH-Dx	Water	T	00401.93 g	00167.32 g	234.6 mL	2 mL	2 SU	n/a SU
580-142849-G-26	Dup-1_20240807	3510C, NWTPH-Dx	Water	T	00409.78 g	00168.59 g	241.2 mL	2 mL	2 SU	n/a SU
580-142849-G-27	Dup-2_20240807	3510C, NWTPH-Dx	Water	T	00414.52 g	00168.21 g	246.3 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00116			
MB 580-468135/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-468135/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
LCSD 580-468135/3		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-142849-G-21	MW-73_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-22	MW-74_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-H-23	MW-75_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-24	MW-76_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-25	MW-77_20240808	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-142849-G-26	Dup-1_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 4

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-142849-1

SDG No.: _____

Batch Number: 468135 Batch Start Date: 08/14/24 08:22 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 08/14/24 15:41

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00116			
580-142849-G-27	Dup-2_20240807	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 2 of 4

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-142849-1

SDG No.: _____

Batch Number: 468135Batch Start Date: 08/14/24 08:22Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 08/14/24 15:41

Batch Notes	
Method/Fraction	3510C_LVI/8015D_DRO/8015D_DRO_DOD5/3510C_LVI_14d/ NWTPH-Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	EF
Analyst ID - Spike Witness Analyst	JW
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3548691
Prep Solvent ID	3831380
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	baked Na2SO4_00488
Analyst ID - Concentration	MJ
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 5
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	viald by: EF Reviewed by:JW

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 3 of 4

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-142849-1

SDG No.: _____

Batch Number: 468135Batch Start Date: 08/14/24 08:22Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 08/14/24 15:41

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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ANALYTICAL REPORT

PREPARED FOR

Attn: Nolan Lewis
Antea USA Inc.
205 SE Spokane Street
Suite 300
Portland, Oregon 97202

Generated 9/9/2024 6:18:25 PM

JOB DESCRIPTION

BP - OPLC - Allen Station

JOB NUMBER

580-143451-1

Eurofins Seattle

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

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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 Eurofins Environment Testing (USA) and its client. This report shall not be reproduced, except in full, without written permission from Eurofins Environment Testing (USA). The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.

Authorization



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Authorized for release by
Marie Walker, Senior Project Manager
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(253)248-4972

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Definitions/Glossary

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

Job ID: 580-143451-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 580-143451-1

Job ID: 580-143451-1

Eurofins Seattle

Job Narrative 580-143451-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 8/30/2024 3:10 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.0°C.

Method NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Sample MW-39_20240827 (580-143451-1) was analyzed for Northwest - Volatile Petroleum Products (GC/MS). The sample was analyzed on 9/3/2024.

Method 8260D - Volatile Organic Compounds by GC/MS

Sample MW-39_20240827 (580-143451-1) was analyzed for Volatile Organic Compounds by GC/MS. The sample was analyzed on 9/3/2024.

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

Sample MW-39_20240827 (580-143451-1) was analyzed for Northwest - Semi-Volatile Petroleum Products (GC). The sample was prepared on 9/3/2024 and analyzed on 9/4/2024.

Eurofins Seattle

Detection Summary

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

Job ID: 580-143451-1

Client Sample ID: MW-39_20240827 Lab Sample ID: 580-143451-1

No Detections.

- 1
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This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 580-143451-1

Client Sample ID: MW-39_20240827

Lab Sample ID: 580-143451-1

Date Collected: 08/27/24 12:10

Matrix: Water

Date Received: 08/30/24 15:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			09/03/24 19:21	1
Ethylbenzene	ND		1.0		ug/L			09/03/24 19:21	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/03/24 19:21	1
o-Xylene	ND		1.0		ug/L			09/03/24 19:21	1
Toluene	ND		1.0		ug/L			09/03/24 19:21	1
Xylenes, Total	ND		2.0		ug/L			09/03/24 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		09/03/24 19:21	1
Dibromofluoromethane (Surr)	109		80 - 120		09/03/24 19:21	1
1,2-Dichloroethane-d4 (Surr)	109		80 - 120		09/03/24 19:21	1
Toluene-d8 (Surr)	92		80 - 120		09/03/24 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			09/03/24 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		77 - 123		09/03/24 19:21	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)	ND		200		ug/L		09/03/24 08:48	09/04/24 07:17	1
Motor Oil (>C24-C36)	ND		360		ug/L		09/03/24 08:48	09/04/24 07:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	55		50 - 150	09/03/24 08:48	09/04/24 07:17	1

Surrogate Summary

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

Job ID: 580-143451-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (80-120)	DCA (80-120)	TOL (80-120)
580-143451-1	MW-39_20240827	105	109	109	92
LCS 580-470093/6	Lab Control Sample	109	105	105	94
LCSD 580-470093/7	Lab Control Sample Dup	107	107	103	94
MB 580-470093/11	Method Blank	103	106	107	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (77-123)
580-143451-1	MW-39_20240827	105
LCS 580-470088/8	Lab Control Sample	104
LCSD 580-470088/9	Lab Control Sample Dup	106
MB 580-470088/11	Method Blank	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH (50-150)
580-143451-1	MW-39_20240827	55
LCS 580-470044/2-A	Lab Control Sample	75
LCSD 580-470044/3-A	Lab Control Sample Dup	76
MB 580-470044/1-A	Method Blank	55

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

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

Job ID: 580-143451-1

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

Lab Sample ID: MB 580-470093/11

Matrix: Water

Analysis Batch: 470093

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			09/03/24 14:19	1
Ethylbenzene	ND		1.0		ug/L			09/03/24 14:19	1
m-Xylene & p-Xylene	ND		2.0		ug/L			09/03/24 14:19	1
o-Xylene	ND		1.0		ug/L			09/03/24 14:19	1
Toluene	ND		1.0		ug/L			09/03/24 14:19	1
Xylenes, Total	ND		2.0		ug/L			09/03/24 14:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		09/03/24 14:19	1
Dibromofluoromethane (Surr)	106		80 - 120		09/03/24 14:19	1
1,2-Dichloroethane-d4 (Surr)	107		80 - 120		09/03/24 14:19	1
Toluene-d8 (Surr)	91		80 - 120		09/03/24 14:19	1

Lab Sample ID: LCS 580-470093/6

Matrix: Water

Analysis Batch: 470093

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	4.85		ug/L		97	80 - 122
Ethylbenzene	5.00	4.60		ug/L		92	80 - 120
m-Xylene & p-Xylene	5.00	4.66		ug/L		93	80 - 120
o-Xylene	5.00	4.54		ug/L		91	80 - 120
Toluene	5.00	4.45		ug/L		89	80 - 120
Xylenes, Total	10.0	9.20		ug/L		92	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		80 - 120
Toluene-d8 (Surr)	94		80 - 120

Lab Sample ID: LCSD 580-470093/7

Matrix: Water

Analysis Batch: 470093

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	5.00	4.90		ug/L		98	80 - 122	1	14
Ethylbenzene	5.00	4.55		ug/L		91	80 - 120	1	14
m-Xylene & p-Xylene	5.00	4.54		ug/L		91	80 - 120	2	14
o-Xylene	5.00	4.46		ug/L		89	80 - 120	2	16
Toluene	5.00	4.42		ug/L		88	80 - 120	1	13
Xylenes, Total	10.0	9.00		ug/L		90	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		80 - 120
Dibromofluoromethane (Surr)	107		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		80 - 120

Eurofins Seattle

QC Sample Results

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

Job ID: 580-143451-1

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

Lab Sample ID: LCSD 580-470093/7

Matrix: Water

Analysis Batch: 470093

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	94		80 - 120

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

Lab Sample ID: MB 580-470088/11

Matrix: Water

Analysis Batch: 470088

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			09/03/24 14:19	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123					09/03/24 14:19	1

Lab Sample ID: LCS 580-470088/8

Matrix: Water

Analysis Batch: 470088

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline	500	530		ug/L		106	55 - 148		
Surrogate	%Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		77 - 123						

Lab Sample ID: LCSD 580-470088/9

Matrix: Water

Analysis Batch: 470088

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	500	535		ug/L		107	55 - 148	1	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		77 - 123						

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

Lab Sample ID: MB 580-470044/1-A

Matrix: Water

Analysis Batch: 470204

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 470044

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		09/03/24 08:48	09/04/24 05:19	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/03/24 08:48	09/04/24 05:19	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	55		50 - 150				09/03/24 08:48	09/04/24 05:19	1

Eurofins Seattle

QC Sample Results

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

Job ID: 580-143451-1

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

Lab Sample ID: LCS 580-470044/2-A

Matrix: Water

Analysis Batch: 470204

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 470044

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24)	4000	3330		ug/L		83	50 - 120
Motor Oil (>C24-C36)	4000	3730		ug/L		93	64 - 120
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
o-Terphenyl	75		50 - 150				

Lab Sample ID: LCSD 580-470044/3-A

Matrix: Water

Analysis Batch: 470204

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 470044

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	4000	3280		ug/L		82	50 - 120	1	26
Motor Oil (>C24-C36)	4000	3530		ug/L		88	64 - 120	6	24
LCSD LCSD									
Surrogate	%Recovery	Qualifier	Limits						
o-Terphenyl	76		50 - 150						

QC Association Summary

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

Job ID: 580-143451-1

GC/MS VOA

Analysis Batch: 470088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143451-1	MW-39_20240827	Total/NA	Water	NWTPH-Gx	
MB 580-470088/11	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-470088/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-470088/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 470093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143451-1	MW-39_20240827	Total/NA	Water	8260D	
MB 580-470093/11	Method Blank	Total/NA	Water	8260D	
LCS 580-470093/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-470093/7	Lab Control Sample Dup	Total/NA	Water	8260D	

GC Semi VOA

Prep Batch: 470044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143451-1	MW-39_20240827	Total/NA	Water	3510C	
MB 580-470044/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-470044/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-470044/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 470204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-143451-1	MW-39_20240827	Total/NA	Water	NWTPH-Dx	470044
MB 580-470044/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	470044
LCS 580-470044/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	470044
LCSD 580-470044/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	470044

Lab Chronicle

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

Job ID: 580-143451-1

Client Sample ID: MW-39_20240827
Date Collected: 08/27/24 12:10
Date Received: 08/30/24 15:10

Lab Sample ID: 580-143451-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470093	JBT	EET SEA	09/03/24 19:21
Total/NA	Analysis	NWTPH-Gx		1	470088	AA	EET SEA	09/03/24 19:21
Total/NA	Prep	3510C			470044	JW	EET SEA	09/03/24 08:48
Total/NA	Analysis	NWTPH-Dx		1	470204	SW	EET SEA	09/04/24 07:17

Laboratory References:
EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

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

Job ID: 580-143451-1

Laboratory: Eurofins Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

- 1
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Method Summary

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

Job ID: 580-143451-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SEA
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SEA
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET SEA
5030B	Purge and Trap	SW846	EET SEA

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

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

Job ID: 580-143451-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-143451-1	MW-39_20240827	Water	08/27/24 12:10	08/30/24 15:10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
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- 11
- 12
- 13
- 14
- 15
- 16

Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-143451-1

Login Number: 143451

List Source: Eurofins Seattle

List Number: 1

Creator: Groves, Elizabeth

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143451-1

SDG No.:

Batch Number: 470093 Batch Start Date: 09/03/24 10:50 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00041	VOAMasterSEC 00094	VOASTDGASSEC 00002
LCS 580-470093/6		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-470093/7		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-470093/11		8260D			10 mL	10 mL		10 uL		
580-143451-D-1	MW-39_20240827	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	204524
Vial Lot Number	0101601J

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143451-1

SDG No.: _____

Batch Number: 470088 Batch Start Date: 09/03/24 10:50 Batch Analyst: Abando, AriyanaBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00041	GRO_LCS_SEC 00001	
LCS 580-470088/8		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
LCSD 580-470088/9		NWTPH-Gx			10 mL	10 mL		10 uL	12.5 uL	
MB 580-470088/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-143451-D-1	MW-39_20240827	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes

pH Indicator ID	204524
Vial Lot Number	0101601J

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 1 of 1

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-143451-1

SDG No.: _____

Batch Number: 470044 Batch Start Date: 09/03/24 08:48 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 09/03/24 16:28

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-470044/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-470044/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCSD 580-470044/3		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-143451-G-1	MW-39_20240827	3510C, NWTPH-Dx	Water	T	00414.48 g	00169.68 g	244.8 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00117			
MB 580-470044/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-470044/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
LCSD 580-470044/3		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-143451-G-1	MW-39_20240827	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 3

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-143451-1

SDG No.: _____

Batch Number: 470044Batch Start Date: 09/03/24 08:48Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 09/03/24 16:28

Batch Notes	
Method/Fraction	3510C_LVI/8015D_DRO/3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	JW
Analyst ID - Spike Witness Analyst	EF
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3640704
Prep Solvent ID	3831381
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	3835284
Analyst ID - Concentration	EF
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 5
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by: JW Reviewed by: EF

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 2 of 3

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-143451-1

SDG No.: _____

Batch Number: 470044Batch Start Date: 09/03/24 08:48Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 09/03/24 16:28

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 3 of 3

ANALYTICAL REPORT

PREPARED FOR

Attn: Nolan Lewis
Antea USA Inc.
205 SE Spokane Street
Suite 300
Portland, Oregon 97202
Generated 12/3/2024 4:51:55 PM

JOB DESCRIPTION

BP - OPLC - Allen Station

JOB NUMBER

580-145851-1

Eurofins Seattle

Job Notes

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Compliance Statement

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 Eurofins Environment Testing (USA) and its client. This report shall not be reproduced, except in full, without written permission from Eurofins Environment Testing (USA). The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.

Authorization



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Definitions/Glossary

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

Job ID: 580-145851-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 580-145851-1

Job ID: 580-145851-1

Eurofins Seattle

Job Narrative 580-145851-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 11/15/2024 11:48 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Receipt Exceptions

Did not receive containers perform NWTPH-DX method on MS/MSD. These containers and requested analysis have been removed from the login. MW-67DUP_20241113 (580-145851-8[MS]) and MW-67DUP_20241113 (580-145851-8[MSD])

Method NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Samples MW-44_20241113 (580-145851-1), MW-56_20241113 (580-145851-2), MW-57_20241113 (580-145851-3), MW-58_20241113 (580-145851-4), MW-59_20241113 (580-145851-5), MW-61_20241113 (580-145851-6), MW-67_20241113 (580-145851-7), MW-67DUP_20241113 (580-145851-8), MW-70_20241113 (580-145851-9), MW-76_20241113 (580-145851-10), MW-77_20241113 (580-145851-11) and Trip Blank_20241113 (580-145851-12) were analyzed for Northwest - Volatile Petroleum Products (GC/MS). The samples were analyzed on 11/23/2024.

Method 8260D - Volatile Organic Compounds by GC/MS

Samples MW-44_20241113 (580-145851-1), MW-56_20241113 (580-145851-2), MW-57_20241113 (580-145851-3), MW-58_20241113 (580-145851-4), MW-59_20241113 (580-145851-5), MW-61_20241113 (580-145851-6), MW-67_20241113 (580-145851-7), MW-67DUP_20241113 (580-145851-8), MW-70_20241113 (580-145851-9), MW-76_20241113 (580-145851-10), MW-77_20241113 (580-145851-11) and Trip Blank_20241113 (580-145851-12) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 11/23/2024 and 11/26/2024.

The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-56_20241113 (580-145851-2). Elevated reporting limits (RLs) are provided.

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

Samples MW-44_20241113 (580-145851-1), MW-56_20241113 (580-145851-2), MW-57_20241113 (580-145851-3), MW-58_20241113 (580-145851-4), MW-59_20241113 (580-145851-5), MW-61_20241113 (580-145851-6), MW-67_20241113 (580-145851-7), MW-67DUP_20241113 (580-145851-8), MW-70_20241113 (580-145851-9), MW-76_20241113 (580-145851-10) and MW-77_20241113 (580-145851-11) were analyzed for Northwest - Semi-Volatile Petroleum Products (GC). The samples were prepared on 11/21/2024 and 11/22/2024 and analyzed on 11/22/2024 and 11/25/2024.

The following sample contained a hydrocarbon pattern in the diesel range; however, the elution pattern is not the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-56_20241113 (580-145851-2).

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Detection Summary

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

Job ID: 580-145851-1

Client Sample ID: MW-44_20241113

Lab Sample ID: 580-145851-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	2.6		1.0		ug/L	1		8260D	Total/NA
Gasoline	440		150		ug/L	1		NWTPH-Gx	Total/NA

Client Sample ID: MW-56_20241113

Lab Sample ID: 580-145851-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.8		1.0		ug/L	1		8260D	Total/NA
o-Xylene	60		1.0		ug/L	1		8260D	Total/NA
Toluene	5.3		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene - DL	580		50		ug/L	50		8260D	Total/NA
m-Xylene & p-Xylene - DL	1200		100		ug/L	50		8260D	Total/NA
Xylenes, Total - DL	1300		100		ug/L	50		8260D	Total/NA
Gasoline	9100		150		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1700		200		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-57_20241113

Lab Sample ID: 580-145851-3

No Detections.

Client Sample ID: MW-58_20241113

Lab Sample ID: 580-145851-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	1900		150		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	4100		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	1400		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-59_20241113

Lab Sample ID: 580-145851-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	1100		150		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1600		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	440		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-61_20241113

Lab Sample ID: 580-145851-6

No Detections.

Client Sample ID: MW-67_20241113

Lab Sample ID: 580-145851-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.6		1.0		ug/L	1		8260D	Total/NA
Toluene	1.0		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-67DUP_20241113

Lab Sample ID: 580-145851-8

No Detections.

Client Sample ID: MW-70_20241113

Lab Sample ID: 580-145851-9

No Detections.

Client Sample ID: MW-76_20241113

Lab Sample ID: 580-145851-10

No Detections.

This Detection Summary does not include radiochemical test results.

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Detection Summary

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

Job ID: 580-145851-1

Client Sample ID: MW-77_20241113 Lab Sample ID: 580-145851-11

No Detections.

Client Sample ID: Trip Blank_20241113 Lab Sample ID: 580-145851-12

No Detections.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 580-145851-1

Client Sample ID: MW-44_20241113

Lab Sample ID: 580-145851-1

Date Collected: 11/13/24 11:05

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 21:28	1
Ethylbenzene	2.6		1.0		ug/L			11/23/24 21:28	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 21:28	1
o-Xylene	ND		1.0		ug/L			11/23/24 21:28	1
Toluene	ND		1.0		ug/L			11/23/24 21:28	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		11/23/24 21:28	1
Dibromofluoromethane (Surr)	102		80 - 120		11/23/24 21:28	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		11/23/24 21:28	1
Toluene-d8 (Surr)	99		80 - 120		11/23/24 21:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	440		150		ug/L			11/23/24 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		11/23/24 21:28	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		190		ug/L		11/21/24 09:03	11/22/24 01:08	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/21/24 09:03	11/22/24 01:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	11/21/24 09:03	11/22/24 01:08	1

Client Sample ID: MW-56_20241113

Lab Sample ID: 580-145851-2

Date Collected: 11/13/24 09:50

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.8		1.0		ug/L			11/23/24 18:00	1
o-Xylene	60		1.0		ug/L			11/23/24 18:00	1
Toluene	5.3		1.0		ug/L			11/23/24 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		80 - 120		11/23/24 18:00	1
Dibromofluoromethane (Surr)	97		80 - 120		11/23/24 18:00	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		11/23/24 18:00	1
Toluene-d8 (Surr)	99		80 - 120		11/23/24 18:00	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	580		50		ug/L			11/26/24 07:05	50
m-Xylene & p-Xylene	1200		100		ug/L			11/26/24 07:05	50
Xylenes, Total	1300		100		ug/L			11/26/24 07:05	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		11/26/24 07:05	50

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Client Sample Results

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

Job ID: 580-145851-1

Client Sample ID: MW-56_20241113

Lab Sample ID: 580-145851-2

Date Collected: 11/13/24 09:50

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		80 - 120		11/26/24 07:05	50
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		11/26/24 07:05	50
Toluene-d8 (Surr)	100		80 - 120		11/26/24 07:05	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	9100		150		ug/L			11/23/24 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		77 - 123		11/23/24 18:00	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		200		ug/L		11/21/24 09:03	11/22/24 01:28	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/21/24 09:03	11/22/24 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	11/21/24 09:03	11/22/24 01:28	1

Client Sample ID: MW-57_20241113

Lab Sample ID: 580-145851-3

Date Collected: 11/13/24 10:35

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 18:23	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 18:23	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 18:23	1
o-Xylene	ND		1.0		ug/L			11/23/24 18:23	1
Toluene	ND		1.0		ug/L			11/23/24 18:23	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		11/23/24 18:23	1
Dibromofluoromethane (Surr)	103		80 - 120		11/23/24 18:23	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		11/23/24 18:23	1
Toluene-d8 (Surr)	98		80 - 120		11/23/24 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		11/23/24 18:23	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)	ND		200		ug/L		11/21/24 09:03	11/22/24 01:47	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/21/24 09:03	11/22/24 01:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	70		50 - 150	11/21/24 09:03	11/22/24 01:47	1

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Client Sample Results

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

Job ID: 580-145851-1

Client Sample ID: MW-58_20241113

Lab Sample ID: 580-145851-4

Date Collected: 11/13/24 10:25

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 18:46	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 18:46	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 18:46	1
o-Xylene	ND		1.0		ug/L			11/23/24 18:46	1
Toluene	ND		1.0		ug/L			11/23/24 18:46	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		11/23/24 18:46	1
Dibromofluoromethane (Surr)	104		80 - 120		11/23/24 18:46	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		11/23/24 18:46	1
Toluene-d8 (Surr)	97		80 - 120		11/23/24 18:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1900		150		ug/L			11/23/24 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123		11/23/24 18:46	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)	4100		190		ug/L		11/21/24 09:03	11/22/24 02:07	1
Motor Oil (>C24-C36)	1400		340		ug/L		11/21/24 09:03	11/22/24 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	64		50 - 150	11/21/24 09:03	11/22/24 02:07	1

Client Sample ID: MW-59_20241113

Lab Sample ID: 580-145851-5

Date Collected: 11/13/24 11:35

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 19:33	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 19:33	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 19:33	1
o-Xylene	ND		1.0		ug/L			11/23/24 19:33	1
Toluene	ND		1.0		ug/L			11/23/24 19:33	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		11/23/24 19:33	1
Dibromofluoromethane (Surr)	102		80 - 120		11/23/24 19:33	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		11/23/24 19:33	1
Toluene-d8 (Surr)	99		80 - 120		11/23/24 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1100		150		ug/L			11/23/24 19:33	1

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Client Sample Results

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

Job ID: 580-145851-1

Client Sample ID: MW-59_20241113

Lab Sample ID: 580-145851-5

Date Collected: 11/13/24 11:35

Matrix: Water

Date Received: 11/15/24 11:48

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123					11/23/24 19:33	1
Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1600		190		ug/L		11/21/24 09:03	11/22/24 02:26	1
Motor Oil (>C24-C36)	440		340		ug/L		11/21/24 09:03	11/22/24 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150				11/21/24 09:03	11/22/24 02:26	1

Client Sample ID: MW-61_20241113

Lab Sample ID: 580-145851-6

Date Collected: 11/13/24 11:25

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 19:56	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 19:56	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 19:56	1
o-Xylene	ND		1.0		ug/L			11/23/24 19:56	1
Toluene	ND		1.0		ug/L			11/23/24 19:56	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120					11/23/24 19:56	1
Dibromofluoromethane (Surr)	105		80 - 120					11/23/24 19:56	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120					11/23/24 19:56	1
Toluene-d8 (Surr)	96		80 - 120					11/23/24 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123					11/23/24 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		210		ug/L		11/21/24 09:03	11/22/24 02:46	1
Motor Oil (>C24-C36)	ND		360		ug/L		11/21/24 09:03	11/22/24 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150				11/21/24 09:03	11/22/24 02:46	1

Client Sample ID: MW-67_20241113

Lab Sample ID: 580-145851-7

Date Collected: 11/13/24 09:40

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.6		1.0		ug/L			11/23/24 22:37	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 22:37	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 22:37	1

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Client Sample Results

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

Job ID: 580-145851-1

Client Sample ID: MW-67_20241113

Lab Sample ID: 580-145851-7

Date Collected: 11/13/24 09:40

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0		ug/L			11/23/24 22:37	1
Toluene	1.0		1.0		ug/L			11/23/24 22:37	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120					11/23/24 22:37	1
Dibromofluoromethane (Surr)	107		80 - 120					11/23/24 22:37	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120					11/23/24 22:37	1
Toluene-d8 (Surr)	96		80 - 120					11/23/24 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123					11/23/24 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		210		ug/L		11/21/24 09:03	11/22/24 03:05	1
Motor Oil (>C24-C36)	ND		370		ug/L		11/21/24 09:03	11/22/24 03:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150				11/21/24 09:03	11/22/24 03:05	1

Client Sample ID: MW-67DUP_20241113

Lab Sample ID: 580-145851-8

Date Collected: 11/13/24 09:40

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 23:01	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 23:01	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 23:01	1
o-Xylene	ND		1.0		ug/L			11/23/24 23:01	1
Toluene	ND		1.0		ug/L			11/23/24 23:01	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120					11/23/24 23:01	1
Dibromofluoromethane (Surr)	108		80 - 120					11/23/24 23:01	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120					11/23/24 23:01	1
Toluene-d8 (Surr)	96		80 - 120					11/23/24 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		77 - 123					11/23/24 23:01	1

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Client Sample Results

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

Job ID: 580-145851-1

Client Sample ID: MW-67DUP_20241113

Lab Sample ID: 580-145851-8

Date Collected: 11/13/24 09:40

Matrix: Water

Date Received: 11/15/24 11:48

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		210		ug/L		11/21/24 09:03	11/22/24 03:25	1
Motor Oil (>C24-C36)	ND		360		ug/L		11/21/24 09:03	11/22/24 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	74		50 - 150				11/21/24 09:03	11/22/24 03:25	1

Client Sample ID: MW-70_20241113

Lab Sample ID: 580-145851-9

Date Collected: 11/13/24 12:00

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 20:19	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 20:19	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 20:19	1
o-Xylene	ND		1.0		ug/L			11/23/24 20:19	1
Toluene	ND		1.0		ug/L			11/23/24 20:19	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120					11/23/24 20:19	1
Dibromofluoromethane (Surr)	105		80 - 120					11/23/24 20:19	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120					11/23/24 20:19	1
Toluene-d8 (Surr)	97		80 - 120					11/23/24 20:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123					11/23/24 20:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		11/21/24 09:03	11/22/24 03:44	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/21/24 09:03	11/22/24 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150				11/21/24 09:03	11/22/24 03:44	1

Client Sample ID: MW-76_20241113

Lab Sample ID: 580-145851-10

Date Collected: 11/13/24 12:30

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 20:42	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 20:42	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 20:42	1
o-Xylene	ND		1.0		ug/L			11/23/24 20:42	1
Toluene	ND		1.0		ug/L			11/23/24 20:42	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 20:42	1

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Client Sample Results

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

Job ID: 580-145851-1

Client Sample ID: MW-76_20241113

Lab Sample ID: 580-145851-10

Date Collected: 11/13/24 12:30

Matrix: Water

Date Received: 11/15/24 11:48

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		11/23/24 20:42	1
Dibromofluoromethane (Surr)	105		80 - 120		11/23/24 20:42	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		11/23/24 20:42	1
Toluene-d8 (Surr)	97		80 - 120		11/23/24 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		11/23/24 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		210		ug/L		11/22/24 08:53	11/25/24 16:14	1
Motor Oil (>C24-C36)	ND		370		ug/L		11/22/24 08:53	11/25/24 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	95		50 - 150	11/22/24 08:53	11/25/24 16:14	1

Client Sample ID: MW-77_20241113

Lab Sample ID: 580-145851-11

Date Collected: 11/13/24 12:15

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 21:05	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 21:05	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 21:05	1
o-Xylene	ND		1.0		ug/L			11/23/24 21:05	1
Toluene	ND		1.0		ug/L			11/23/24 21:05	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		11/23/24 21:05	1
Dibromofluoromethane (Surr)	105		80 - 120		11/23/24 21:05	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		11/23/24 21:05	1
Toluene-d8 (Surr)	95		80 - 120		11/23/24 21:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		11/23/24 21:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		190		ug/L		11/22/24 08:53	11/25/24 16:34	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/22/24 08:53	11/25/24 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150	11/22/24 08:53	11/25/24 16:34	1

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Client Sample Results

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

Job ID: 580-145851-1

Client Sample ID: Trip Blank_20241113

Lab Sample ID: 580-145851-12

Date Collected: 11/13/24 00:00

Matrix: Water

Date Received: 11/15/24 11:48

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 17:37	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 17:37	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 17:37	1
o-Xylene	ND		1.0		ug/L			11/23/24 17:37	1
Toluene	ND		1.0		ug/L			11/23/24 17:37	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		11/23/24 17:37	1
Dibromofluoromethane (Surr)	105		80 - 120		11/23/24 17:37	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		11/23/24 17:37	1
Toluene-d8 (Surr)	98		80 - 120		11/23/24 17:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		11/23/24 17:37	1

Surrogate Summary

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

Job ID: 580-145851-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DBFM (80-120)	DCA (80-120)	TOL (80-120)
580-145851-1	MW-44_20241113	103	102	102	99
580-145851-2	MW-56_20241113	96	97	100	99
580-145851-2 - DL	MW-56_20241113	101	102	105	100
580-145851-3	MW-57_20241113	103	103	104	98
580-145851-4	MW-58_20241113	101	104	105	97
580-145851-5	MW-59_20241113	101	102	103	99
580-145851-6	MW-61_20241113	104	105	104	96
580-145851-7	MW-67_20241113	103	107	105	96
580-145851-8	MW-67DUP_20241113	105	108	104	96
580-145851-9	MW-70_20241113	102	105	104	97
580-145851-10	MW-76_20241113	103	105	104	97
580-145851-11	MW-77_20241113	103	105	104	95
580-145851-12	Trip Blank_20241113	102	105	103	98
LCS 580-478788/6	Lab Control Sample	102	102	103	100
LCS 580-478947/6	Lab Control Sample	101	100	101	99
LCSD 580-478788/7	Lab Control Sample Dup	101	101	103	98
LCSD 580-478947/7	Lab Control Sample Dup	99	101	101	100
MB 580-478788/11	Method Blank	101	104	104	97
MB 580-478947/11	Method Blank	100	102	105	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (77-123)			
580-145851-1	MW-44_20241113	103			
580-145851-2	MW-56_20241113	96			
580-145851-3	MW-57_20241113	103			
580-145851-4	MW-58_20241113	101			
580-145851-5	MW-59_20241113	101			
580-145851-6	MW-61_20241113	104			
580-145851-7	MW-67_20241113	103			
580-145851-8	MW-67DUP_20241113	105			
580-145851-9	MW-70_20241113	102			
580-145851-10	MW-76_20241113	103			
580-145851-11	MW-77_20241113	103			
580-145851-12	Trip Blank_20241113	102			
LCS 580-478784/8	Lab Control Sample	101			
LCSD 580-478784/9	Lab Control Sample Dup	101			
MB 580-478784/11	Method Blank	101			

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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Surrogate Summary

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

Job ID: 580-145851-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTPH (50-150)
580-145851-1	MW-44_20241113	75
580-145851-2	MW-56_20241113	78
580-145851-3	MW-57_20241113	70
580-145851-4	MW-58_20241113	64
580-145851-5	MW-59_20241113	82
580-145851-6	MW-61_20241113	81
580-145851-7	MW-67_20241113	85
580-145851-8	MW-67DUP_20241113	74
580-145851-9	MW-70_20241113	78
580-145851-10	MW-76_20241113	95
580-145851-11	MW-77_20241113	92
LCS 580-478519/2-A	Lab Control Sample	78
LCS 580-478659/2-A	Lab Control Sample	83
LCSD 580-478519/3-A	Lab Control Sample Dup	76
MB 580-478519/1-A	Method Blank	83
MB 580-478659/1-A	Method Blank	103
Surrogate Legend		
OTPH = o-Terphenyl		

QC Sample Results

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

Job ID: 580-145851-1

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

Lab Sample ID: MB 580-478788/11

Matrix: Water

Analysis Batch: 478788

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 17:14	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 17:14	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 17:14	1
o-Xylene	ND		1.0		ug/L			11/23/24 17:14	1
Toluene	ND		1.0		ug/L			11/23/24 17:14	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 17:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		11/23/24 17:14	1
Dibromofluoromethane (Surr)	104		80 - 120		11/23/24 17:14	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		11/23/24 17:14	1
Toluene-d8 (Surr)	97		80 - 120		11/23/24 17:14	1

Lab Sample ID: LCS 580-478788/6

Matrix: Water

Analysis Batch: 478788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	4.68		ug/L		94	80 - 122
Ethylbenzene	5.00	4.66		ug/L		93	80 - 120
m-Xylene & p-Xylene	5.00	4.70		ug/L		94	80 - 120
o-Xylene	5.00	4.79		ug/L		96	80 - 120
Toluene	5.00	4.42		ug/L		88	80 - 120
Xylenes, Total	10.0	9.49		ug/L		95	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 580-478788/7

Matrix: Water

Analysis Batch: 478788

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	5.00	4.43		ug/L		89	80 - 122	6	14
Ethylbenzene	5.00	4.34		ug/L		87	80 - 120	7	14
m-Xylene & p-Xylene	5.00	4.32		ug/L		86	80 - 120	8	14
o-Xylene	5.00	4.46		ug/L		89	80 - 120	7	16
Toluene	5.00	4.11		ug/L		82	80 - 120	7	13
Xylenes, Total	10.0	8.78		ug/L		88	80 - 120	8	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		80 - 120

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QC Sample Results

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

Job ID: 580-145851-1

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

Lab Sample ID: LCSD 580-478788/7

Matrix: Water

Analysis Batch: 478788

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: MB 580-478947/11

Matrix: Water

Analysis Batch: 478947

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0		ug/L			11/26/24 01:31	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/26/24 01:31	1
Xylenes, Total	ND		2.0		ug/L			11/26/24 01:31	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		80 - 120				11/26/24 01:31	1	
Dibromofluoromethane (Surr)	102		80 - 120				11/26/24 01:31	1	
1,2-Dichloroethane-d4 (Surr)	105		80 - 120				11/26/24 01:31	1	
Toluene-d8 (Surr)	100		80 - 120				11/26/24 01:31	1	

Lab Sample ID: LCS 580-478947/6

Matrix: Water

Analysis Batch: 478947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				
Analyte			Added	Result	Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene			10.0	9.68		ug/L		97	80 - 120
m-Xylene & p-Xylene			10.0	9.80		ug/L		98	80 - 120
Xylenes, Total			20.0	20.0		ug/L		100	80 - 120

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

Lab Sample ID: LCSD 580-478947/7

Matrix: Water

Analysis Batch: 478947

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
Ethylbenzene			10.0	9.67		ug/L		97	80 - 120	0	14
m-Xylene & p-Xylene			10.0	9.61		ug/L		96	80 - 120	2	14
Xylenes, Total			20.0	19.7		ug/L		99	80 - 120	1	16

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

Eurofins Seattle

QC Sample Results

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

Job ID: 580-145851-1

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

Lab Sample ID: MB 580-478784/11

Matrix: Water

Analysis Batch: 478784

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 17:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123					11/23/24 17:14	1

Lab Sample ID: LCS 580-478784/8

Matrix: Water

Analysis Batch: 478784

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	1000	1000		ug/L		100	55 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		77 - 123				

Lab Sample ID: LCSD 580-478784/9

Matrix: Water

Analysis Batch: 478784

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	1020		ug/L		102	55 - 148	2	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		77 - 123						

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

Lab Sample ID: MB 580-478519/1-A

Matrix: Water

Analysis Batch: 478526

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478519

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		11/21/24 09:03	11/21/24 21:34	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/21/24 09:03	11/21/24 21:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150				11/21/24 09:03	11/21/24 21:34	1

Lab Sample ID: LCS 580-478519/2-A

Matrix: Water

Analysis Batch: 478526

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478519

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24)	4000	3390		ug/L		85	50 - 120
Motor Oil (>C24-C36)	4000	3470		ug/L		87	64 - 120

Eurofins Seattle

QC Sample Results

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

Job ID: 580-145851-1

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

Lab Sample ID: LCS 580-478519/2-A

Matrix: Water

Analysis Batch: 478526

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478519

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	78		50 - 150

Lab Sample ID: LCSD 580-478519/3-A

Matrix: Water

Analysis Batch: 478526

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478519

	Spike	LCSD	LCSD						%Rec	RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
#2 Diesel (C10-C24)	4000	3380		ug/L		85	50 - 120	0	26		
Motor Oil (>C24-C36)	4000	3440		ug/L		86	64 - 120	1	24		

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	76		50 - 150

Lab Sample ID: MB 580-478659/1-A

Matrix: Water

Analysis Batch: 478804

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478659

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
#2 Diesel (C10-C24)	ND		200		ug/L		11/22/24 08:53	11/25/24 13:34	1	
Motor Oil (>C24-C36)	ND		350		ug/L		11/22/24 08:53	11/25/24 13:34	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
<i>o</i> -Terphenyl	103		50 - 150	11/22/24 08:53	11/25/24 13:34	1				

Lab Sample ID: LCS 580-478659/2-A

Matrix: Water

Analysis Batch: 478804

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478659

	Spike	LCS	LCS						%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
#2 Diesel (C10-C24)	4000	3850		ug/L		96	50 - 120			
Motor Oil (>C24-C36)	4000	3940		ug/L		99	64 - 120			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	83		50 - 150

Eurofins Seattle

QC Association Summary

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

Job ID: 580-145851-1

GC/MS VOA

Analysis Batch: 478784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145851-1	MW-44_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-2	MW-56_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-3	MW-57_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-4	MW-58_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-5	MW-59_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-6	MW-61_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-7	MW-67_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-8	MW-67DUP_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-9	MW-70_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-10	MW-76_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-11	MW-77_20241113	Total/NA	Water	NWTPH-Gx	
580-145851-12	Trip Blank_20241113	Total/NA	Water	NWTPH-Gx	
MB 580-478784/11	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-478784/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-478784/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 478788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145851-1	MW-44_20241113	Total/NA	Water	8260D	
580-145851-2	MW-56_20241113	Total/NA	Water	8260D	
580-145851-3	MW-57_20241113	Total/NA	Water	8260D	
580-145851-4	MW-58_20241113	Total/NA	Water	8260D	
580-145851-5	MW-59_20241113	Total/NA	Water	8260D	
580-145851-6	MW-61_20241113	Total/NA	Water	8260D	
580-145851-7	MW-67_20241113	Total/NA	Water	8260D	
580-145851-8	MW-67DUP_20241113	Total/NA	Water	8260D	
580-145851-9	MW-70_20241113	Total/NA	Water	8260D	
580-145851-10	MW-76_20241113	Total/NA	Water	8260D	
580-145851-11	MW-77_20241113	Total/NA	Water	8260D	
580-145851-12	Trip Blank_20241113	Total/NA	Water	8260D	
MB 580-478788/11	Method Blank	Total/NA	Water	8260D	
LCS 580-478788/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-478788/7	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 478947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145851-2 - DL	MW-56_20241113	Total/NA	Water	8260D	
MB 580-478947/11	Method Blank	Total/NA	Water	8260D	
LCS 580-478947/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-478947/7	Lab Control Sample Dup	Total/NA	Water	8260D	

GC Semi VOA

Prep Batch: 478519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145851-1	MW-44_20241113	Total/NA	Water	3510C	
580-145851-2	MW-56_20241113	Total/NA	Water	3510C	
580-145851-3	MW-57_20241113	Total/NA	Water	3510C	
580-145851-4	MW-58_20241113	Total/NA	Water	3510C	
580-145851-5	MW-59_20241113	Total/NA	Water	3510C	
580-145851-6	MW-61_20241113	Total/NA	Water	3510C	

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QC Association Summary

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

Job ID: 580-145851-1

GC Semi VOA (Continued)

Prep Batch: 478519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145851-7	MW-67_20241113	Total/NA	Water	3510C	
580-145851-8	MW-67DUP_20241113	Total/NA	Water	3510C	
580-145851-9	MW-70_20241113	Total/NA	Water	3510C	
MB 580-478519/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-478519/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-478519/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 478526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145851-1	MW-44_20241113	Total/NA	Water	NWTPH-Dx	478519
580-145851-2	MW-56_20241113	Total/NA	Water	NWTPH-Dx	478519
580-145851-3	MW-57_20241113	Total/NA	Water	NWTPH-Dx	478519
580-145851-4	MW-58_20241113	Total/NA	Water	NWTPH-Dx	478519
580-145851-5	MW-59_20241113	Total/NA	Water	NWTPH-Dx	478519
580-145851-6	MW-61_20241113	Total/NA	Water	NWTPH-Dx	478519
580-145851-7	MW-67_20241113	Total/NA	Water	NWTPH-Dx	478519
580-145851-8	MW-67DUP_20241113	Total/NA	Water	NWTPH-Dx	478519
580-145851-9	MW-70_20241113	Total/NA	Water	NWTPH-Dx	478519
MB 580-478519/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	478519
LCS 580-478519/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	478519
LCSD 580-478519/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	478519

Prep Batch: 478659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145851-10	MW-76_20241113	Total/NA	Water	3510C	
580-145851-11	MW-77_20241113	Total/NA	Water	3510C	
MB 580-478659/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-478659/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 478804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145851-10	MW-76_20241113	Total/NA	Water	NWTPH-Dx	478659
580-145851-11	MW-77_20241113	Total/NA	Water	NWTPH-Dx	478659
MB 580-478659/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	478659
LCS 580-478659/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	478659

Lab Chronicle

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

Job ID: 580-145851-1

Client Sample ID: MW-44_20241113

Lab Sample ID: 580-145851-1

Date Collected: 11/13/24 11:05

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 21:28
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 21:28
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 01:08

Client Sample ID: MW-56_20241113

Lab Sample ID: 580-145851-2

Date Collected: 11/13/24 09:50

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	50	478947	AA	EET SEA	11/26/24 07:05
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 18:00
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 18:00
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 01:28

Client Sample ID: MW-57_20241113

Lab Sample ID: 580-145851-3

Date Collected: 11/13/24 10:35

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 18:23
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 18:23
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 01:47

Client Sample ID: MW-58_20241113

Lab Sample ID: 580-145851-4

Date Collected: 11/13/24 10:25

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 18:46
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 18:46
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 02:07

Client Sample ID: MW-59_20241113

Lab Sample ID: 580-145851-5

Date Collected: 11/13/24 11:35

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 19:33
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 19:33
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 02:26

Eurofins Seattle

Lab Chronicle

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

Job ID: 580-145851-1

Client Sample ID: MW-61_20241113

Lab Sample ID: 580-145851-6

Date Collected: 11/13/24 11:25

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 19:56
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 19:56
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 02:46

Client Sample ID: MW-67_20241113

Lab Sample ID: 580-145851-7

Date Collected: 11/13/24 09:40

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 22:37
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 22:37
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 03:05

Client Sample ID: MW-67DUP_20241113

Lab Sample ID: 580-145851-8

Date Collected: 11/13/24 09:40

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 23:01
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 23:01
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 03:25

Client Sample ID: MW-70_20241113

Lab Sample ID: 580-145851-9

Date Collected: 11/13/24 12:00

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 20:19
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 20:19
Total/NA	Prep	3510C			478519	EM	EET SEA	11/21/24 09:03
Total/NA	Analysis	NWTPH-Dx		1	478526	SW	EET SEA	11/22/24 03:44

Client Sample ID: MW-76_20241113

Lab Sample ID: 580-145851-10

Date Collected: 11/13/24 12:30

Matrix: Water

Date Received: 11/15/24 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 20:42
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 20:42
Total/NA	Prep	3510C			478659	EM	EET SEA	11/22/24 08:53
Total/NA	Analysis	NWTPH-Dx		1	478804	CB	EET SEA	11/25/24 16:14

Eurofins Seattle

Lab Chronicle

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

Job ID: 580-145851-1

Client Sample ID: MW-77_20241113
Date Collected: 11/13/24 12:15
Date Received: 11/15/24 11:48

Lab Sample ID: 580-145851-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 21:05
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 21:05
Total/NA	Prep	3510C			478659	EM	EET SEA	11/22/24 08:53
Total/NA	Analysis	NWTPH-Dx		1	478804	CB	EET SEA	11/25/24 16:34

Client Sample ID: Trip Blank_20241113
Date Collected: 11/13/24 00:00
Date Received: 11/15/24 11:48

Lab Sample ID: 580-145851-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478788	AA	EET SEA	11/23/24 17:37
Total/NA	Analysis	NWTPH-Gx		1	478784	JBT	EET SEA	11/23/24 17:37

Laboratory References:
EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

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

Job ID: 580-145851-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
NWTPH-Gx		Water	Gasoline

Method Summary

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

Job ID: 580-145851-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SEA
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SEA
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET SEA
5030B	Purge and Trap	SW846	EET SEA

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

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

Job ID: 580-145851-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145851-1	MW-44_20241113	Water	11/13/24 11:05	11/15/24 11:48
580-145851-2	MW-56_20241113	Water	11/13/24 09:50	11/15/24 11:48
580-145851-3	MW-57_20241113	Water	11/13/24 10:35	11/15/24 11:48
580-145851-4	MW-58_20241113	Water	11/13/24 10:25	11/15/24 11:48
580-145851-5	MW-59_20241113	Water	11/13/24 11:35	11/15/24 11:48
580-145851-6	MW-61_20241113	Water	11/13/24 11:25	11/15/24 11:48
580-145851-7	MW-67_20241113	Water	11/13/24 09:40	11/15/24 11:48
580-145851-8	MW-67DUP_20241113	Water	11/13/24 09:40	11/15/24 11:48
580-145851-9	MW-70_20241113	Water	11/13/24 12:00	11/15/24 11:48
580-145851-10	MW-76_20241113	Water	11/13/24 12:30	11/15/24 11:48
580-145851-11	MW-77_20241113	Water	11/13/24 12:15	11/15/24 11:48
580-145851-12	Trip Blank_20241113	Water	11/13/24 00:00	11/15/24 11:48





Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-145851-1

Login Number: 145851

List Number: 1

Creator: Silva, Shawn 1

List Source: Eurofins Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145851-1

SDG No.: _____

Batch Number: 478788 Batch Start Date: 11/23/24 13:21 Batch Analyst: Abando, AriyanaBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00046	VOAMasterSEC 00096	VOASTDGASSEC 00003
LCS 580-478788/6		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-478788/7		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-478788/11		8260D			10 mL	10 mL		10 uL		
580-145851-C-12	Trip Blank 20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-2	MW-56_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-3	MW-57_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-4	MW-58_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-5	MW-59_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-G-6	MW-61_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-9	MW-70_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-10	MW-76_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-11	MW-77_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-1	MW-44_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-7	MW-67_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-8	MW-67DUP_20241113	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes

pH Indicator ID	204524
Vial Lot Number	0101601J

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145851-1

SDG No.:

Batch Number: 478947 Batch Start Date: 11/25/24 22:23 Batch Analyst: Abando, Ariyana

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00045	VOAMasterSEC 00096	VOASTDGASSEC 00003
LCS 580-478947/6		8260D			5 mL	5 mL		5 uL	10 uL	10 uL
LCSD 580-478947/7		8260D			5 mL	5 mL		5 uL	10 uL	10 uL
MB 580-478947/11		8260D			5 mL	5 mL		5 uL		
580-145851-D-2	MW-56_20241113	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL		

Batch Notes	
pH Indicator ID	204524
Vial Lot Number	0101601J

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D



GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145851-1

SDG No.: _____

Batch Number: 478784 Batch Start Date: 11/23/24 13:21 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00046	GRO_LCS_SEC 00001	
LCS 580-478784/8		NWTPH-Gx			10 mL	10 mL		10 uL	25 uL	
LCSD 580-478784/9		NWTPH-Gx			10 mL	10 mL		10 uL	25 uL	
MB 580-478784/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-145851-C-12	Trip Blank 20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-2	MW-56_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-3	MW-57_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-4	MW-58_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-5	MW-59_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-G-6	MW-61_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-9	MW-70_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-10	MW-76_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-11	MW-77_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-H-1	MW-44_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-7	MW-67_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145851-F-8	MW-67DUP_20241113	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes

pH Indicator ID	204524
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 1 of 1

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145851-1

SDG No.: _____

Batch Number: 478519Batch Start Date: 11/21/24 09:03Batch Analyst: Madrid-fierro, EvelynBatch Method: 3510CBatch End Date: 11/21/24 15:54

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-478519/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-478519/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCSD 580-478519/3		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-145851-B-1	MW-44_20241113	3510C, NWTPH-Dx	Water	T	00437.29 g	00178.16 g	259.1 mL	2 mL	2 SU	n/a SU
580-145851-B-2	MW-56_20241113	3510C, NWTPH-Dx	Water	T	00429.78 g	00178.22 g	251.6 mL	2 mL	2 SU	n/a SU
580-145851-A-3	MW-57_20241113	3510C, NWTPH-Dx	Water	T	00424.80 g	00177.90 g	246.9 mL	2 mL	2 SU	n/a SU
580-145851-B-4	MW-58_20241113	3510C, NWTPH-Dx	Water	T	00435.77 g	00177.96 g	257.8 mL	2 mL	2 SU	n/a SU
580-145851-B-5	MW-59_20241113	3510C, NWTPH-Dx	Water	T	00438.04 g	00178.23 g	259.8 mL	2 mL	2 SU	n/a SU
580-145851-A-6	MW-61_20241113	3510C, NWTPH-Dx	Water	T	00418.05 g	00178.10 g	240 mL	2 mL	2 SU	n/a SU
580-145851-A-7	MW-67_20241113	3510C, NWTPH-Dx	Water	T	00414.00 g	00177.33 g	236.7 mL	2 mL	2 SU	n/a SU
580-145851-B-8	MW-67DUP_20241113	3510C, NWTPH-Dx	Water	T	00419.13 g	00177.81 g	241.3 mL	2 mL	2 SU	n/a SU
580-145851-A-9	MW-70_20241113	3510C, NWTPH-Dx	Water	T	00426.01 g	00178.38 g	247.6 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00120			
MB 580-478519/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-478519/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
LCSD 580-478519/3		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-145851-B-1	MW-44_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145851-B-2	MW-56_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145851-A-3	MW-57_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145851-B-4	MW-58_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 4

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145851-1

SDG No.: _____

Batch Number: 478519 Batch Start Date: 11/21/24 09:03 Batch Analyst: Madrid-fierro, EvelynBatch Method: 3510C Batch End Date: 11/21/24 15:54

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00120			
580-145851-B-5	MW-59_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145851-A-6	MW-61_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145851-A-7	MW-67_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145851-B-8	MW-67DUP_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145851-A-9	MW-70_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 2 of 4

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145851-1

SDG No.: _____

Batch Number: 478519Batch Start Date: 11/21/24 09:03Batch Analyst: Madrid-fierro, EvelynBatch Method: 3510CBatch End Date: 11/21/24 15:54

Batch Notes	
Method/Fraction	3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	MJ/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	EF
Analyst ID - Spike Witness Analyst	MJ
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3828433
Prep Solvent ID	3893130
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	3840418
Analyst ID - Concentration	MJ
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 6
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by:EF Reviewed by:MJ

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 3 of 4

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145851-1

SDG No.: _____

Batch Number: 478519Batch Start Date: 11/21/24 09:03Batch Analyst: Madrid-fierro, EvelynBatch Method: 3510CBatch End Date: 11/21/24 15:54

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 4 of 4

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145851-1

SDG No.: _____

Batch Number: 478659 Batch Start Date: 11/22/24 08:53 Batch Analyst: Madrid-fierro, EvelynBatch Method: 3510C Batch End Date: 11/22/24 15:14

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-478659/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-478659/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-145851-B-10	MW-76_20241113	3510C, NWTPH-Dx	Water	T	00417.27 g	00178.20 g	239.1 mL	2 mL	2 SU	n/a SU
580-145851-A-11	MW-77_20241113	3510C, NWTPH-Dx	Water	T	00434.44 g	00177.81 g	256.6 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00120			
MB 580-478659/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-478659/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-145851-B-10	MW-76_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145851-A-11	MW-77_20241113	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 3

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145851-1

SDG No.: _____

Batch Number: 478659Batch Start Date: 11/22/24 08:53Batch Analyst: Madrid-fierro, EvelynBatch Method: 3510CBatch End Date: 11/22/24 15:14

Batch Notes	
Method/Fraction	3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	MJ/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	EF
Analyst ID - Spike Witness Analyst	MJ
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3828433
Prep Solvent ID	3893130
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	3916219
Analyst ID - Concentration	MJ
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 6
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Analyst ID - Clean Up	EF
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by:EF Reviewed by:MJ

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 2 of 3

HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145851-1

SDG No.: _____

Batch Number: 478659Batch Start Date: 11/22/24 08:53Batch Analyst: Madrid-fierro, EvelynBatch Method: 3510CBatch End Date: 11/22/24 15:14

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 3 of 3



ANALYTICAL REPORT

PREPARED FOR

Attn: Nolan Lewis
Antea USA Inc.
205 SE Spokane Street
Suite 300
Portland, Oregon 97202
Generated 11/27/2024 5:42:36 PM

JOB DESCRIPTION

BP - OPLC - Allen Station

JOB NUMBER

580-145854-1

Eurofins Seattle

Job Notes

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Compliance Statement

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 Eurofins Environment Testing (USA) and its client. This report shall not be reproduced, except in full, without written permission from Eurofins Environment Testing (USA). The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.

Authorization



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Authorized for release by
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Definitions/Glossary

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

Job ID: 580-145854-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 580-145854-1

Job ID: 580-145854-1

Eurofins Seattle

Job Narrative 580-145854-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 11/13/2024 11:44 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.1°C and 1.7°C.

Method NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Samples C_20241112 (580-145854-1), MW-2_20241112 (580-145854-2), MW-14_20241112 (580-145854-3), MW-19_20241112 (580-145854-4), MW-20_20241112 (580-145854-5), MW-21_20241112 (580-145854-6), MW-35_20241112 (580-145854-7), MW-35_20241112 (580-145854-7MS), MW-35_20241112 (580-145854-7MSD), MW-39_20241112 (580-145854-8), MW-39_20241112 (580-145854-8MS), MW-39_20241112 (580-145854-8MSD), MW-45_20241112 (580-145854-9), MW-68_20241112 (580-145854-10), MW-69_20241112 (580-145854-11), MW-71_20241112 (580-145854-12), MW-72_20241112 (580-145854-13), MW-73_20241112 (580-145854-14), MW-74_20241112 (580-145854-15), MW-75_20241112 (580-145854-16), Dup-1_20241112 (580-145854-17), Dup-2_20241112 (580-145854-18) and Trip Blank_20241112 (580-145854-19) were analyzed for Northwest - Volatile Petroleum Products (GC/MS). The samples were analyzed on 11/20/2024, 11/22/2024, 11/23/2024 and 11/25/2024.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20241112 (580-145854-4), MW-21_20241112 (580-145854-6) and MW-45_20241112 (580-145854-9). Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-35_20241112 (580-145854-7), MW-35_20241112 (580-145854-7[MS]) and MW-35_20241112 (580-145854-7[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260D - Volatile Organic Compounds by GC/MS

Samples C_20241112 (580-145854-1), MW-2_20241112 (580-145854-2), MW-14_20241112 (580-145854-3), MW-19_20241112 (580-145854-4), MW-20_20241112 (580-145854-5), MW-21_20241112 (580-145854-6), MW-35_20241112 (580-145854-7), MW-35_20241112 (580-145854-7MS), MW-35_20241112 (580-145854-7MSD), MW-39_20241112 (580-145854-8), MW-39_20241112 (580-145854-8MS), MW-39_20241112 (580-145854-8MSD), MW-45_20241112 (580-145854-9), MW-68_20241112 (580-145854-10), MW-69_20241112 (580-145854-11), MW-71_20241112 (580-145854-12), MW-72_20241112 (580-145854-13), MW-73_20241112 (580-145854-14), MW-74_20241112 (580-145854-15), MW-75_20241112 (580-145854-16), Dup-1_20241112 (580-145854-17), Dup-2_20241112 (580-145854-18) and Trip Blank_20241112 (580-145854-19) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 11/20/2024, 11/21/2024, 11/22/2024 and 11/23/2024.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20241112 (580-145854-4), MW-21_20241112 (580-145854-6), MW-35_20241112 (580-145854-7), MW-35_20241112 (580-145854-7[MS]), MW-35_20241112 (580-145854-7[MSD]) and MW-45_20241112 (580-145854-9). Elevated reporting limits (RLs) are provided.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 580-478766 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Samples C_20241112 (580-145854-1), MW-2_20241112 (580-145854-2), MW-14_20241112 (580-145854-3), MW-19_20241112 (580-145854-4), MW-20_20241112 (580-145854-5), MW-21_20241112 (580-145854-6), MW-35_20241112 (580-145854-7), MW-35_20241112 (580-145854-7MS), MW-35_20241112 (580-145854-7MSD), MW-39_20241112 (580-145854-8),

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Case Narrative

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

Job ID: 580-145854-1

Job ID: 580-145854-1 (Continued)

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MW-39_20241112 (580-145854-8MS), MW-39_20241112 (580-145854-8MSD), MW-45_20241112 (580-145854-9), MW-68_20241112 (580-145854-10), MW-69_20241112 (580-145854-11), MW-71_20241112 (580-145854-12), MW-72_20241112 (580-145854-13), MW-73_20241112 (580-145854-14), MW-74_20241112 (580-145854-15), MW-75_20241112 (580-145854-16), Dup-1_20241112 (580-145854-17) and Dup-2_20241112 (580-145854-18) were analyzed for Northwest - Semi-Volatile Petroleum Products (GC). The samples were prepared on 11/19/2024, 11/20/2024 and 11/26/2024 and analyzed on 11/21/2024, 11/22/2024, 11/23/2024, 11/25/2024 and 11/27/2024.

The following sample contained a hydrocarbon pattern in the diesel range; however, the elution pattern was not comparable to the typical diesel fuel pattern used by the laboratory for quantitative purposes: C_20241112 (580-145854-1).

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_20241112 (580-145854-2).

The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was not comparable to the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-35_20241112 (580-145854-7).

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Detection Summary

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

Job ID: 580-145854-1

Client Sample ID: C_20241112

Lab Sample ID: 580-145854-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24) - RA	280		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36) - RA	380		330		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-2_20241112

Lab Sample ID: 580-145854-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	1600		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	1600		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-14_20241112

Lab Sample ID: 580-145854-3

No Detections.

Client Sample ID: MW-19_20241112

Lab Sample ID: 580-145854-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	410		10		ug/L	10		8260D	Total/NA
Ethylbenzene	330		10		ug/L	10		8260D	Total/NA
Gasoline	4400		1500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3600		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	750		330		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-20_20241112

Lab Sample ID: 580-145854-5

No Detections.

Client Sample ID: MW-21_20241112

Lab Sample ID: 580-145854-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	14		10		ug/L	10		8260D	Total/NA
Ethylbenzene	430		10		ug/L	10		8260D	Total/NA
Gasoline	6400		1500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	5000		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	460		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-35_20241112

Lab Sample ID: 580-145854-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	740		100		ug/L	100		8260D	Total/NA
Ethylbenzene	280		100		ug/L	100		8260D	Total/NA
m-Xylene & p-Xylene	520	F1	200		ug/L	100		8260D	Total/NA
Xylenes, Total	520	F1	200		ug/L	100		8260D	Total/NA
Gasoline	5600		1500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24) - RE	1300		200		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-39_20241112

Lab Sample ID: 580-145854-8

No Detections.

Client Sample ID: MW-45_20241112

Lab Sample ID: 580-145854-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	75		10		ug/L	10		8260D	Total/NA
Ethylbenzene	420		10		ug/L	10		8260D	Total/NA
Gasoline	5400		1500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2900		200		ug/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

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

Job ID: 580-145854-1

Client Sample ID: MW-68_20241112

Lab Sample ID: 580-145854-10

No Detections.

Client Sample ID: MW-69_20241112

Lab Sample ID: 580-145854-11

No Detections.

Client Sample ID: MW-71_20241112

Lab Sample ID: 580-145854-12

No Detections.

Client Sample ID: MW-72_20241112

Lab Sample ID: 580-145854-13

No Detections.

Client Sample ID: MW-73_20241112

Lab Sample ID: 580-145854-14

No Detections.

Client Sample ID: MW-74_20241112

Lab Sample ID: 580-145854-15

No Detections.

Client Sample ID: MW-75_20241112

Lab Sample ID: 580-145854-16

No Detections.

Client Sample ID: Dup-1_20241112

Lab Sample ID: 580-145854-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	4.3		1.0		ug/L	1		8260D	Total/NA
#2 Diesel (C10-C24) - RA	4200		190		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36) - RA	400		330		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Dup-2_20241112

Lab Sample ID: 580-145854-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	7.9		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	36		1.0		ug/L	1		8260D	Total/NA
Gasoline	750		150		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24) - RA	2400		200		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Trip Blank_20241112

Lab Sample ID: 580-145854-19

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: C_20241112

Lab Sample ID: 580-145854-1

Date Collected: 11/12/24 13:25

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 19:12	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 19:12	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 19:12	1
o-Xylene	ND		1.0		ug/L			11/20/24 19:12	1
Toluene	ND		1.0		ug/L			11/20/24 19:12	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		11/20/24 19:12	1
Dibromofluoromethane (Surr)	101		80 - 120		11/20/24 19:12	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		11/20/24 19:12	1
Toluene-d8 (Surr)	95		80 - 120		11/20/24 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		11/20/24 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	280		190		ug/L		11/19/24 08:47	11/25/24 16:59	1
Motor Oil (>C24-C36)	380		330		ug/L		11/19/24 08:47	11/25/24 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	11/19/24 08:47	11/25/24 16:59	1

Client Sample ID: MW-2_20241112

Lab Sample ID: 580-145854-2

Date Collected: 11/12/24 09:35

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 19:35	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 19:35	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 19:35	1
o-Xylene	ND		1.0		ug/L			11/20/24 19:35	1
Toluene	ND		1.0		ug/L			11/20/24 19:35	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		11/20/24 19:35	1
Dibromofluoromethane (Surr)	101		80 - 120		11/20/24 19:35	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		11/20/24 19:35	1
Toluene-d8 (Surr)	95		80 - 120		11/20/24 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 19:35	1

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-2_20241112

Lab Sample ID: 580-145854-2

Date Collected: 11/12/24 09:35

Matrix: Water

Date Received: 11/13/24 11:44

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		77 - 123					11/20/24 19:35	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)	1600		190		ug/L		11/20/24 11:02	11/21/24 21:34	1
Motor Oil (>C24-C36)	1600		340		ug/L		11/20/24 11:02	11/21/24 21:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	96		50 - 150				11/20/24 11:02	11/21/24 21:34	1

Client Sample ID: MW-14_20241112

Lab Sample ID: 580-145854-3

Date Collected: 11/12/24 13:55

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 19:58	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 19:58	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 19:58	1
o-Xylene	ND		1.0		ug/L			11/20/24 19:58	1
Toluene	ND		1.0		ug/L			11/20/24 19:58	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120					11/20/24 19:58	1
Dibromofluoromethane (Surr)	102		80 - 120					11/20/24 19:58	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120					11/20/24 19:58	1
Toluene-d8 (Surr)	94		80 - 120					11/20/24 19:58	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		77 - 123					11/20/24 19:58	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		190		ug/L		11/19/24 08:47	11/22/24 20:15	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/19/24 08:47	11/22/24 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150				11/19/24 08:47	11/22/24 20:15	1

Client Sample ID: MW-19_20241112

Lab Sample ID: 580-145854-4

Date Collected: 11/12/24 12:05

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	410		10		ug/L			11/23/24 01:28	10
Ethylbenzene	330		10		ug/L			11/23/24 01:28	10
m-Xylene & p-Xylene	ND		20		ug/L			11/23/24 01:28	10

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-19_20241112

Lab Sample ID: 580-145854-4

Date Collected: 11/12/24 12:05

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		10		ug/L			11/23/24 01:28	10
Toluene	ND		10		ug/L			11/23/24 01:28	10
Xylenes, Total	ND		20		ug/L			11/23/24 01:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120					11/23/24 01:28	10
Dibromofluoromethane (Surr)	99		80 - 120					11/23/24 01:28	10
1,2-Dichloroethane-d4 (Surr)	102		80 - 120					11/23/24 01:28	10
Toluene-d8 (Surr)	103		80 - 120					11/23/24 01:28	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	4400		1500		ug/L			11/23/24 01:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123					11/23/24 01:28	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3600		190		ug/L		11/19/24 08:47	11/22/24 20:34	1
Motor Oil (>C24-C36)	750		330		ug/L		11/19/24 08:47	11/22/24 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150				11/19/24 08:47	11/22/24 20:34	1

Client Sample ID: MW-20_20241112

Lab Sample ID: 580-145854-5

Date Collected: 11/12/24 10:40

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 20:22	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 20:22	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 20:22	1
o-Xylene	ND		1.0		ug/L			11/20/24 20:22	1
Toluene	ND		1.0		ug/L			11/20/24 20:22	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120					11/20/24 20:22	1
Dibromofluoromethane (Surr)	101		80 - 120					11/20/24 20:22	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120					11/20/24 20:22	1
Toluene-d8 (Surr)	94		80 - 120					11/20/24 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123					11/20/24 20:22	1

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-20_20241112

Lab Sample ID: 580-145854-5

Date Collected: 11/12/24 10:40

Matrix: Water

Date Received: 11/13/24 11:44

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		200		ug/L		11/19/24 08:47	11/22/24 20:54	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/19/24 08:47	11/22/24 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	89		50 - 150				11/19/24 08:47	11/22/24 20:54	1

Client Sample ID: MW-21_20241112

Lab Sample ID: 580-145854-6

Date Collected: 11/12/24 10:10

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14		10		ug/L			11/23/24 01:49	10
Ethylbenzene	430		10		ug/L			11/23/24 01:49	10
m-Xylene & p-Xylene	ND		20		ug/L			11/23/24 01:49	10
o-Xylene	ND		10		ug/L			11/23/24 01:49	10
Toluene	ND		10		ug/L			11/23/24 01:49	10
Xylenes, Total	ND		20		ug/L			11/23/24 01:49	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120					11/23/24 01:49	10
Dibromofluoromethane (Surr)	98		80 - 120					11/23/24 01:49	10
1,2-Dichloroethane-d4 (Surr)	103		80 - 120					11/23/24 01:49	10
Toluene-d8 (Surr)	101		80 - 120					11/23/24 01:49	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6400		1500		ug/L			11/23/24 01:49	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123					11/23/24 01:49	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)	5000		190		ug/L		11/19/24 08:47	11/22/24 21:14	1
Motor Oil (>C24-C36)	460		340		ug/L		11/19/24 08:47	11/22/24 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	72		50 - 150				11/19/24 08:47	11/22/24 21:14	1

Client Sample ID: MW-35_20241112

Lab Sample ID: 580-145854-7

Date Collected: 11/12/24 12:40

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	740		100		ug/L			11/23/24 02:31	100
Ethylbenzene	280		100		ug/L			11/23/24 02:31	100
m-Xylene & p-Xylene	520 F1		200		ug/L			11/23/24 02:31	100
o-Xylene	ND		100		ug/L			11/23/24 02:31	100
Toluene	ND		100		ug/L			11/23/24 02:31	100
Xylenes, Total	520 F1		200		ug/L			11/23/24 02:31	100

Eurofins Seattle

Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-35_20241112

Lab Sample ID: 580-145854-7

Date Collected: 11/12/24 12:40

Matrix: Water

Date Received: 11/13/24 11:44

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		11/23/24 02:31	100
Dibromofluoromethane (Surr)	99		80 - 120		11/23/24 02:31	100
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		11/23/24 02:31	100
Toluene-d8 (Surr)	101		80 - 120		11/23/24 02:31	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5600		1500		ug/L			11/25/24 19:27	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123					11/25/24 19:27	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1300		200		ug/L		11/26/24 08:33	11/27/24 10:59	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/26/24 08:33	11/27/24 10:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150				11/26/24 08:33	11/27/24 10:59	1

Client Sample ID: MW-39_20241112

Lab Sample ID: 580-145854-8

Date Collected: 11/12/24 11:00

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 18:03	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 18:03	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 18:03	1
o-Xylene	ND		1.0		ug/L			11/20/24 18:03	1
Toluene	ND		1.0		ug/L			11/20/24 18:03	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120					11/20/24 18:03	1
Dibromofluoromethane (Surr)	100		80 - 120					11/20/24 18:03	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120					11/20/24 18:03	1
Toluene-d8 (Surr)	96		80 - 120					11/20/24 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123					11/20/24 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		190		ug/L		11/19/24 08:47	11/22/24 22:52	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/19/24 08:47	11/22/24 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150				11/19/24 08:47	11/22/24 22:52	1

Eurofins Seattle

Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-45_20241112

Lab Sample ID: 580-145854-9

Date Collected: 11/12/24 11:25

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	75		10		ug/L			11/23/24 02:10	10
Ethylbenzene	420		10		ug/L			11/23/24 02:10	10
m-Xylene & p-Xylene	ND		20		ug/L			11/23/24 02:10	10
o-Xylene	ND		10		ug/L			11/23/24 02:10	10
Toluene	ND		10		ug/L			11/23/24 02:10	10
Xylenes, Total	ND		20		ug/L			11/23/24 02:10	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		11/23/24 02:10	10
Dibromofluoromethane (Surr)	99		80 - 120		11/23/24 02:10	10
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		11/23/24 02:10	10
Toluene-d8 (Surr)	102		80 - 120		11/23/24 02:10	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5400		1500		ug/L			11/23/24 02:10	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		11/23/24 02:10	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)	2900		200		ug/L		11/19/24 08:47	11/22/24 23:50	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/19/24 08:47	11/22/24 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	11/19/24 08:47	11/22/24 23:50	1

Client Sample ID: MW-68_20241112

Lab Sample ID: 580-145854-10

Date Collected: 11/12/24 15:55

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 20:45	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 20:45	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 20:45	1
o-Xylene	ND		1.0		ug/L			11/20/24 20:45	1
Toluene	ND		1.0		ug/L			11/20/24 20:45	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		11/20/24 20:45	1
Dibromofluoromethane (Surr)	101		80 - 120		11/20/24 20:45	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		11/20/24 20:45	1
Toluene-d8 (Surr)	95		80 - 120		11/20/24 20:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 20:45	1

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-68_20241112

Lab Sample ID: 580-145854-10

Date Collected: 11/12/24 15:55

Matrix: Water

Date Received: 11/13/24 11:44

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		77 - 123					11/20/24 20:45	1
Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		190		ug/L		11/19/24 08:47	11/23/24 00:10	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/19/24 08:47	11/23/24 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	89		50 - 150				11/19/24 08:47	11/23/24 00:10	1

Client Sample ID: MW-69_20241112

Lab Sample ID: 580-145854-11

Date Collected: 11/12/24 15:25

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 21:08	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 21:08	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 21:08	1
o-Xylene	ND		1.0		ug/L			11/20/24 21:08	1
Toluene	ND		1.0		ug/L			11/20/24 21:08	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120					11/20/24 21:08	1
Dibromofluoromethane (Surr)	100		80 - 120					11/20/24 21:08	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120					11/20/24 21:08	1
Toluene-d8 (Surr)	96		80 - 120					11/20/24 21:08	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123					11/20/24 21:08	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		190		ug/L		11/19/24 08:47	11/23/24 00:29	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/19/24 08:47	11/23/24 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150				11/19/24 08:47	11/23/24 00:29	1

Client Sample ID: MW-71_20241112

Lab Sample ID: 580-145854-12

Date Collected: 11/12/24 09:50

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 21:31	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 21:31	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 21:31	1

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-71_20241112

Lab Sample ID: 580-145854-12

Date Collected: 11/12/24 09:50

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0		ug/L			11/20/24 21:31	1
Toluene	ND		1.0		ug/L			11/20/24 21:31	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120					11/20/24 21:31	1
Dibromofluoromethane (Surr)	101		80 - 120					11/20/24 21:31	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120					11/20/24 21:31	1
Toluene-d8 (Surr)	95		80 - 120					11/20/24 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123					11/20/24 21:31	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)	ND		200		ug/L		11/19/24 08:47	11/23/24 00:49	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/19/24 08:47	11/23/24 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150				11/19/24 08:47	11/23/24 00:49	1

Client Sample ID: MW-72_20241112

Lab Sample ID: 580-145854-13

Date Collected: 11/12/24 14:50

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/22/24 23:02	1
Ethylbenzene	ND		1.0		ug/L			11/22/24 23:02	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/22/24 23:02	1
o-Xylene	ND		1.0		ug/L			11/22/24 23:02	1
Toluene	ND		1.0		ug/L			11/22/24 23:02	1
Xylenes, Total	ND		2.0		ug/L			11/22/24 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120					11/22/24 23:02	1
Dibromofluoromethane (Surr)	103		80 - 120					11/22/24 23:02	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 120					11/22/24 23:02	1
Toluene-d8 (Surr)	101		80 - 120					11/22/24 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/22/24 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		77 - 123					11/22/24 23:02	1

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-72_20241112

Lab Sample ID: 580-145854-13

Date Collected: 11/12/24 14:50

Matrix: Water

Date Received: 11/13/24 11:44

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		190		ug/L		11/19/24 08:47	11/23/24 01:08	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/19/24 08:47	11/23/24 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	97		50 - 150				11/19/24 08:47	11/23/24 01:08	1

Client Sample ID: MW-73_20241112

Lab Sample ID: 580-145854-14

Date Collected: 11/12/24 15:20

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/23/24 00:05	1
Ethylbenzene	ND		1.0		ug/L			11/23/24 00:05	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/23/24 00:05	1
o-Xylene	ND		1.0		ug/L			11/23/24 00:05	1
Toluene	ND		1.0		ug/L			11/23/24 00:05	1
Xylenes, Total	ND		2.0		ug/L			11/23/24 00:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120					11/23/24 00:05	1
Dibromofluoromethane (Surr)	103		80 - 120					11/23/24 00:05	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120					11/23/24 00:05	1
Toluene-d8 (Surr)	101		80 - 120					11/23/24 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/23/24 00:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		77 - 123					11/23/24 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		11/19/24 08:47	11/23/24 01:27	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/19/24 08:47	11/23/24 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	90		50 - 150				11/19/24 08:47	11/23/24 01:27	1

Client Sample ID: MW-74_20241112

Lab Sample ID: 580-145854-15

Date Collected: 11/12/24 14:25

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 18:49	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 18:49	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 18:49	1
o-Xylene	ND		1.0		ug/L			11/20/24 18:49	1
Toluene	ND		1.0		ug/L			11/20/24 18:49	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 18:49	1

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: MW-74_20241112

Lab Sample ID: 580-145854-15

Date Collected: 11/12/24 14:25

Matrix: Water

Date Received: 11/13/24 11:44

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		11/20/24 18:49	1
Dibromofluoromethane (Surr)	101		80 - 120		11/20/24 18:49	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		11/20/24 18:49	1
Toluene-d8 (Surr)	96		80 - 120		11/20/24 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123					11/20/24 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		190		ug/L		11/19/24 08:47	11/23/24 01:47	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/19/24 08:47	11/23/24 01:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	88		50 - 150				11/19/24 08:47	11/23/24 01:47	1

Client Sample ID: MW-75_20241112

Lab Sample ID: 580-145854-16

Date Collected: 11/12/24 14:55

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 18:26	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 18:26	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 18:26	1
o-Xylene	ND		1.0		ug/L			11/20/24 18:26	1
Toluene	ND		1.0		ug/L			11/20/24 18:26	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120					11/20/24 18:26	1
Dibromofluoromethane (Surr)	100		80 - 120					11/20/24 18:26	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120					11/20/24 18:26	1
Toluene-d8 (Surr)	95		80 - 120					11/20/24 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		77 - 123					11/20/24 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		190		ug/L		11/19/24 08:47	11/25/24 16:00	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/19/24 08:47	11/25/24 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150				11/19/24 08:47	11/25/24 16:00	1

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: Dup-1_20241112

Lab Sample ID: 580-145854-17

Date Collected: 11/12/24 00:00

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 22:40	1
Ethylbenzene	4.3		1.0		ug/L			11/20/24 22:40	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 22:40	1
o-Xylene	ND		1.0		ug/L			11/20/24 22:40	1
Toluene	ND		1.0		ug/L			11/20/24 22:40	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		11/20/24 22:40	1
Dibromofluoromethane (Surr)	100		80 - 120		11/20/24 22:40	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		11/20/24 22:40	1
Toluene-d8 (Surr)	96		80 - 120		11/20/24 22:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		11/20/24 22:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4200		190		ug/L		11/19/24 08:47	11/25/24 16:20	1
Motor Oil (>C24-C36)	400		330		ug/L		11/19/24 08:47	11/25/24 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	70		50 - 150	11/19/24 08:47	11/25/24 16:20	1

Client Sample ID: Dup-2_20241112

Lab Sample ID: 580-145854-18

Date Collected: 11/12/24 00:00

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.9		1.0		ug/L			11/20/24 22:17	1
Ethylbenzene	36		1.0		ug/L			11/20/24 22:17	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 22:17	1
o-Xylene	ND		1.0		ug/L			11/20/24 22:17	1
Toluene	ND		1.0		ug/L			11/20/24 22:17	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		11/20/24 22:17	1
Dibromofluoromethane (Surr)	98		80 - 120		11/20/24 22:17	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		11/20/24 22:17	1
Toluene-d8 (Surr)	96		80 - 120		11/20/24 22:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	750		150		ug/L			11/20/24 22:17	1

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Client Sample Results

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

Job ID: 580-145854-1

Client Sample ID: Dup-2_20241112

Lab Sample ID: 580-145854-18

Date Collected: 11/12/24 00:00

Matrix: Water

Date Received: 11/13/24 11:44

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123					11/20/24 22:17	1
Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) - RA									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2400		200		ug/L		11/19/24 08:47	11/25/24 16:40	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/19/24 08:47	11/25/24 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150				11/19/24 08:47	11/25/24 16:40	1

Client Sample ID: Trip Blank_20241112

Lab Sample ID: 580-145854-19

Date Collected: 11/12/24 00:00

Matrix: Water

Date Received: 11/13/24 11:44

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 03:08	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 03:08	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 03:08	1
o-Xylene	ND		1.0		ug/L			11/20/24 03:08	1
Toluene	ND		1.0		ug/L			11/20/24 03:08	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120					11/20/24 03:08	1
Dibromofluoromethane (Surr)	101		80 - 120					11/20/24 03:08	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120					11/20/24 03:08	1
Toluene-d8 (Surr)	96		80 - 120					11/20/24 03:08	1
Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123					11/20/24 03:08	1

Surrogate Summary

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

Job ID: 580-145854-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DBFM (80-120)	DCA (80-120)	TOL (80-120)
580-145854-1	C_20241112	104	101	100	95
580-145854-2	MW-2_20241112	105	101	101	95
580-145854-3	MW-14_20241112	105	102	101	94
580-145854-4	MW-19_20241112	101	99	102	103
580-145854-5	MW-20_20241112	103	101	100	94
580-145854-6	MW-21_20241112	100	98	103	101
580-145854-7	MW-35_20241112	98	99	105	101
580-145854-7 MS	MW-35_20241112	97	100	103	100
580-145854-7 MSD	MW-35_20241112	98	100	104	101
580-145854-8	MW-39_20241112	104	100	100	96
580-145854-8 MS	MW-39_20241112	103	100	99	96
580-145854-8 MSD	MW-39_20241112	104	101	101	95
580-145854-9	MW-45_20241112	102	99	104	102
580-145854-10	MW-68_20241112	105	101	101	95
580-145854-11	MW-69_20241112	104	100	101	96
580-145854-12	MW-71_20241112	104	101	101	95
580-145854-13	MW-72_20241112	97	103	106	101
580-145854-14	MW-73_20241112	97	103	105	101
580-145854-15	MW-74_20241112	103	101	102	96
580-145854-16	MW-75_20241112	105	100	101	95
580-145854-17	Dup-1_20241112	104	100	99	96
580-145854-18	Dup-2_20241112	104	98	99	96
580-145854-19	Trip Blank_20241112	104	101	102	96
LCS 580-478374/6	Lab Control Sample	102	100	102	97
LCS 580-478386/8	Lab Control Sample	104	100	100	96
LCS 580-478766/5	Lab Control Sample	100	101	101	100
LCSD 580-478374/7	Lab Control Sample Dup	104	100	102	97
LCSD 580-478386/9	Lab Control Sample Dup	104	102	99	97
LCSD 580-478766/6	Lab Control Sample Dup	100	101	102	99
MB 580-478374/11	Method Blank	103	100	102	95
MB 580-478386/13	Method Blank	104	100	100	96
MB 580-478766/10	Method Blank	98	102	106	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (77-123)			
580-145854-1	C_20241112	104			
580-145854-2	MW-2_20241112	105			
580-145854-3	MW-14_20241112	105			
580-145854-4	MW-19_20241112	101			
580-145854-5	MW-20_20241112	103			

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Surrogate Summary

Client: Antea USA Inc.

Job ID: 580-145854-1

Project/Site: BP - OPLC - Allen Station

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (77-123)
580-145854-6	MW-21_20241112	100
580-145854-7	MW-35_20241112	104
580-145854-7 MS	MW-35_20241112	104
580-145854-7 MSD	MW-35_20241112	103
580-145854-8	MW-39_20241112	104
580-145854-8 MS	MW-39_20241112	103
580-145854-8 MSD	MW-39_20241112	105
580-145854-9	MW-45_20241112	102
580-145854-10	MW-68_20241112	105
580-145854-11	MW-69_20241112	104
580-145854-12	MW-71_20241112	104
580-145854-13	MW-72_20241112	97
580-145854-14	MW-73_20241112	97
580-145854-15	MW-74_20241112	103
580-145854-16	MW-75_20241112	105
580-145854-17	Dup-1_20241112	104
580-145854-18	Dup-2_20241112	104
580-145854-19	Trip Blank_20241112	104
LCS 580-478370/8	Lab Control Sample	101
LCS 580-478382/10	Lab Control Sample	101
LCS 580-478762/7	Lab Control Sample	100
LCS 580-478855/8	Lab Control Sample	102
LCSD 580-478370/9	Lab Control Sample Dup	102
LCSD 580-478382/11	Lab Control Sample Dup	102
LCSD 580-478762/8	Lab Control Sample Dup	100
LCSD 580-478855/9	Lab Control Sample Dup	103
MB 580-478370/11	Method Blank	103
MB 580-478382/13	Method Blank	104
MB 580-478762/10	Method Blank	98
MB 580-478855/11	Method Blank	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH (50-150)
580-145854-1 - RA	C_20241112	85
580-145854-2	MW-2_20241112	96
580-145854-3	MW-14_20241112	84
580-145854-4	MW-19_20241112	79
580-145854-5	MW-20_20241112	89
580-145854-6	MW-21_20241112	72
580-145854-7 - RE	MW-35_20241112	84
580-145854-7 MS - RE	MW-35_20241112	71
580-145854-7 MSD - RE	MW-35_20241112	71
580-145854-8	MW-39_20241112	88
580-145854-8 MS	MW-39_20241112	71

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Surrogate Summary

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

Job ID: 580-145854-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTPH (50-150)
580-145854-8 MSD	MW-39_20241112	88
580-145854-9	MW-45_20241112	84
580-145854-10	MW-68_20241112	89
580-145854-11	MW-69_20241112	92
580-145854-12	MW-71_20241112	86
580-145854-13	MW-72_20241112	97
580-145854-14	MW-73_20241112	90
580-145854-15	MW-74_20241112	88
580-145854-16 - RA	MW-75_20241112	77
580-145854-17 - RA	Dup-1_20241112	70
580-145854-18 - RA	Dup-2_20241112	83
LCS 580-478244/2-A	Lab Control Sample	80
LCS 580-478380/2-A	Lab Control Sample	93
LCS 580-478960/2-A	Lab Control Sample	76
MB 580-478244/1-A	Method Blank	88
MB 580-478380/1-A	Method Blank	99
MB 580-478960/1-A	Method Blank	97
Surrogate Legend		
OTPH = o-Terphenyl		

QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: MB 580-478374/11

Matrix: Water

Analysis Batch: 478374

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/20/24 02:45	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 02:45	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 02:45	1
o-Xylene	ND		1.0		ug/L			11/20/24 02:45	1
Toluene	ND		1.0		ug/L			11/20/24 02:45	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 02:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		11/20/24 02:45	1
Dibromofluoromethane (Surr)	100		80 - 120		11/20/24 02:45	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		11/20/24 02:45	1
Toluene-d8 (Surr)	95		80 - 120		11/20/24 02:45	1

Lab Sample ID: LCS 580-478374/6

Matrix: Water

Analysis Batch: 478374

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	5.00	4.75		ug/L		95	80 - 122
Ethylbenzene	5.00	4.61		ug/L		92	80 - 120
m-Xylene & p-Xylene	5.00	4.87		ug/L		97	80 - 120
o-Xylene	5.00	4.78		ug/L		96	80 - 120
Toluene	5.00	4.46		ug/L		89	80 - 120
Xylenes, Total	10.0	9.65		ug/L		97	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: LCSD 580-478374/7

Matrix: Water

Analysis Batch: 478374

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	5.00	4.94		ug/L		99	80 - 122	4	14
Ethylbenzene	5.00	4.77		ug/L		95	80 - 120	3	14
m-Xylene & p-Xylene	5.00	4.97		ug/L		99	80 - 120	2	14
o-Xylene	5.00	5.00		ug/L		100	80 - 120	4	16
Toluene	5.00	4.67		ug/L		93	80 - 120	5	13
Xylenes, Total	10.0	9.97		ug/L		100	80 - 120	3	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: LCSD 580-478374/7
Matrix: Water
Analysis Batch: 478374

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: MB 580-478386/13
Matrix: Water
Analysis Batch: 478386

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
Benzene	ND		1.0		ug/L			11/20/24 16:07	1
Ethylbenzene	ND		1.0		ug/L			11/20/24 16:07	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/20/24 16:07	1
o-Xylene	ND		1.0		ug/L			11/20/24 16:07	1
Toluene	ND		1.0		ug/L			11/20/24 16:07	1
Xylenes, Total	ND		2.0		ug/L			11/20/24 16:07	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
4-Bromofluorobenzene (Surr)	104		80 - 120		11/20/24 16:07	1
Dibromofluoromethane (Surr)	100		80 - 120		11/20/24 16:07	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		11/20/24 16:07	1
Toluene-d8 (Surr)	96		80 - 120		11/20/24 16:07	1

Lab Sample ID: LCS 580-478386/8
Matrix: Water
Analysis Batch: 478386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Added	Result	Qualifier				Limits	
Benzene	5.00	4.89		ug/L		98	80 - 122
Ethylbenzene	5.00	4.79		ug/L		96	80 - 120
m-Xylene & p-Xylene	5.00	5.03		ug/L		101	80 - 120
o-Xylene	5.00	4.90		ug/L		98	80 - 120
Toluene	5.00	4.60		ug/L		92	80 - 120
Xylenes, Total	10.0	9.93		ug/L		99	80 - 120

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: LCSD 580-478386/9
Matrix: Water
Analysis Batch: 478386

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		Limit	
Benzene	5.00	4.95		ug/L		99	80 - 122	1	14
Ethylbenzene	5.00	4.87		ug/L		97	80 - 120	2	14
m-Xylene & p-Xylene	5.00	5.13		ug/L		103	80 - 120	2	14
o-Xylene	5.00	5.03		ug/L		101	80 - 120	3	16
Toluene	5.00	4.67		ug/L		93	80 - 120	2	13

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: LCSD 580-478386/9

Matrix: Water

Analysis Batch: 478386

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
Xylenes, Total	10.0	10.2		ug/L		102	80 - 120	2	16
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		80 - 120						
Dibromofluoromethane (Surr)	102		80 - 120						
1,2-Dichloroethane-d4 (Surr)	99		80 - 120						
Toluene-d8 (Surr)	97		80 - 120						

Lab Sample ID: 580-145854-8 MS

Matrix: Water

Analysis Batch: 478386

Client Sample ID: MW-39_20241112

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		10.0	11.6		ug/L		116	80 - 122		
Ethylbenzene	ND		10.0	11.0		ug/L		110	80 - 120		
m-Xylene & p-Xylene	ND		10.0	11.7		ug/L		117	80 - 120		
o-Xylene	ND		10.0	11.3		ug/L		113	80 - 120		
Toluene	ND		10.0	10.7		ug/L		107	80 - 120		
Xylenes, Total	ND		20.0	23.0		ug/L		115	80 - 120		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		80 - 120								
Dibromofluoromethane (Surr)	100		80 - 120								
1,2-Dichloroethane-d4 (Surr)	99		80 - 120								
Toluene-d8 (Surr)	96		80 - 120								

Lab Sample ID: 580-145854-8 MSD

Matrix: Water

Analysis Batch: 478386

Client Sample ID: MW-39_20241112

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		10.0	11.6		ug/L		116	80 - 122	1	14
Ethylbenzene	ND		10.0	10.9		ug/L		109	80 - 120	1	14
m-Xylene & p-Xylene	ND		10.0	11.5		ug/L		115	80 - 120	2	14
o-Xylene	ND		10.0	11.2		ug/L		112	80 - 120	1	16
Toluene	ND		10.0	10.5		ug/L		105	80 - 120	1	13
Xylenes, Total	ND		20.0	22.7		ug/L		114	80 - 120	1	16
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		80 - 120								
Dibromofluoromethane (Surr)	101		80 - 120								
1,2-Dichloroethane-d4 (Surr)	101		80 - 120								
Toluene-d8 (Surr)	95		80 - 120								

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: MB 580-478766/10

Matrix: Water

Analysis Batch: 478766

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/22/24 21:59	1
Ethylbenzene	ND		1.0		ug/L			11/22/24 21:59	1
m-Xylene & p-Xylene	ND		2.0		ug/L			11/22/24 21:59	1
o-Xylene	ND		1.0		ug/L			11/22/24 21:59	1
Toluene	ND		1.0		ug/L			11/22/24 21:59	1
Xylenes, Total	ND		2.0		ug/L			11/22/24 21:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		11/22/24 21:59	1
Dibromofluoromethane (Surr)	102		80 - 120		11/22/24 21:59	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		11/22/24 21:59	1
Toluene-d8 (Surr)	99		80 - 120		11/22/24 21:59	1

Lab Sample ID: LCS 580-478766/5

Matrix: Water

Analysis Batch: 478766

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	10.0	8.84		ug/L		88	80 - 122
Ethylbenzene	10.0	9.22		ug/L		92	80 - 120
m-Xylene & p-Xylene	10.0	9.37		ug/L		94	80 - 120
o-Xylene	10.0	9.45		ug/L		94	80 - 120
Toluene	10.0	8.95		ug/L		89	80 - 120
Xylenes, Total	20.0	18.8		ug/L		94	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 580-478766/6

Matrix: Water

Analysis Batch: 478766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	10.0	8.89		ug/L		89	80 - 122	1	14
Ethylbenzene	10.0	9.21		ug/L		92	80 - 120	0	14
m-Xylene & p-Xylene	10.0	9.06		ug/L		91	80 - 120	3	14
o-Xylene	10.0	9.41		ug/L		94	80 - 120	0	16
Toluene	10.0	8.95		ug/L		90	80 - 120	0	13
Xylenes, Total	20.0	18.5		ug/L		92	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: LCSD 580-478766/6

Matrix: Water

Analysis Batch: 478766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 580-145854-7 MS

Matrix: Water

Analysis Batch: 478766

Client Sample ID: MW-35_20241112

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	740		1000	1730		ug/L		99	80 - 122
Ethylbenzene	280		1000	1390		ug/L		111	80 - 120
m-Xylene & p-Xylene	520	F1	1000	1630		ug/L		111	80 - 120
o-Xylene	ND		1000	1170		ug/L		117	80 - 120
Toluene	ND		1000	1110		ug/L		111	80 - 120
Xylenes, Total	520	F1	2000	2800		ug/L		114	80 - 120

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

Lab Sample ID: 580-145854-7 MSD

Matrix: Water

Analysis Batch: 478766

Client Sample ID: MW-35_20241112

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	740		1000	1870		ug/L		113	80 - 122	7	14
Ethylbenzene	280		1000	1460		ug/L		118	80 - 120	5	14
m-Xylene & p-Xylene	520	F1	1000	1760	F1	ug/L		123	80 - 120	8	14
o-Xylene	ND		1000	1180		ug/L		118	80 - 120	1	16
Toluene	ND		1000	1100		ug/L		110	80 - 120	1	13
Xylenes, Total	520	F1	2000	2940	F1	ug/L		121	80 - 120	5	16

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	104		80 - 120
Toluene-d8 (Surr)	101		80 - 120

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

Lab Sample ID: MB 580-478370/11

Matrix: Water

Analysis Batch: 478370

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/20/24 02:45	1

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: MB 580-478370/11

Matrix: Water

Analysis Batch: 478370

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	103		77 - 123			11/20/24 02:45	1			

Lab Sample ID: LCS 580-478370/8

Matrix: Water

Analysis Batch: 478370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline			999	1090		ug/L		109	55 - 148		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	101		77 - 123								

Lab Sample ID: LCSD 580-478370/9

Matrix: Water

Analysis Batch: 478370

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			999	1140		ug/L		114	55 - 148	4	10
Surrogate	LCSD	LCSD									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	102		77 - 123								

Lab Sample ID: MB 580-478382/13

Matrix: Water

Analysis Batch: 478382

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB									
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Gasoline	ND	150		ug/L			11/20/24 16:07	1			
Surrogate	MB	MB									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	104		77 - 123				11/20/24 16:07	1			

Lab Sample ID: LCS 580-478382/10

Matrix: Water

Analysis Batch: 478382

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline			999	1100		ug/L		110	55 - 148		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	101		77 - 123								

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: LCSD 580-478382/11

Matrix: Water

Analysis Batch: 478382

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			999	1120		ug/L		112	55 - 148	2	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		77 - 123								

Lab Sample ID: 580-145854-8 MS

Matrix: Water

Analysis Batch: 478382

Client Sample ID: MW-39_20241112

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline	ND		999	1160		ug/L		116	55 - 148		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		77 - 123								

Lab Sample ID: 580-145854-8 MSD

Matrix: Water

Analysis Batch: 478382

Client Sample ID: MW-39_20241112

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		999	1190		ug/L		119	55 - 148	3	10
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		77 - 123								

Lab Sample ID: MB 580-478762/10

Matrix: Water

Analysis Batch: 478762

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/22/24 21:59	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		77 - 123					11/22/24 21:59	1

Lab Sample ID: LCS 580-478762/7

Matrix: Water

Analysis Batch: 478762

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			1000	1090		ug/L	-	109	55 - 148		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		77 - 123								

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: LCSD 580-478762/8

Matrix: Water

Analysis Batch: 478762

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	1130		ug/L		113	55 - 148	3	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		77 - 123						

Lab Sample ID: MB 580-478855/11

Matrix: Water

Analysis Batch: 478855

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			11/25/24 13:40	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123					11/25/24 13:40	1

Lab Sample ID: LCS 580-478855/8

Matrix: Water

Analysis Batch: 478855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			1000	1080		ug/L		108	55 - 148		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		77 - 123								

Lab Sample ID: LCSD 580-478855/9

Matrix: Water

Analysis Batch: 478855

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	1130		ug/L		113	55 - 148	4	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		77 - 123						

Lab Sample ID: 580-145854-7 MS

Matrix: Water

Analysis Batch: 478855

Client Sample ID: MW-35_20241112

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline	5600		10000	14600		ug/L		90	55 - 148		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		77 - 123								

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: 580-145854-7 MSD

Matrix: Water

Analysis Batch: 478855

Client Sample ID: MW-35_20241112

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline	5600		10000	15900		ug/L		103	55 - 148	9	10
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		77 - 123								

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

Lab Sample ID: MB 580-478244/1-A

Matrix: Water

Analysis Batch: 478673

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478244

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		200		ug/L		11/19/24 08:47	11/22/24 19:16	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/19/24 08:47	11/22/24 19:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150				11/19/24 08:47	11/22/24 19:16	1

Lab Sample ID: LCS 580-478244/2-A

Matrix: Water

Analysis Batch: 478673

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478244

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
#2 Diesel (C10-C24)	4000	3790		ug/L		95	50 - 120		
Motor Oil (>C24-C36)	4000	3800		ug/L		95	64 - 120		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
o-Terphenyl	80		50 - 150						

Lab Sample ID: 580-145854-8 MS

Matrix: Water

Analysis Batch: 478673

Client Sample ID: MW-39_20241112

Prep Type: Total/NA

Prep Batch: 478244

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
#2 Diesel (C10-C24)	ND		3820	3090		ug/L		78	50 - 120		
Motor Oil (>C24-C36)	ND		3820	3460		ug/L		91	64 - 120		
Surrogate	MS %Recovery	MS Qualifier	Limits								
o-Terphenyl	71		50 - 150								

Lab Sample ID: 580-145854-8 MSD

Matrix: Water

Analysis Batch: 478673

Client Sample ID: MW-39_20241112

Prep Type: Total/NA

Prep Batch: 478244

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	ND		3770	3500		ug/L		90	50 - 120	12	26
Motor Oil (>C24-C36)	ND		3770	3990		ug/L		106	64 - 120	14	24

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: 580-145854-8 MSD

Matrix: Water

Analysis Batch: 478673

Client Sample ID: MW-39_20241112

Prep Type: Total/NA

Prep Batch: 478244

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	88		50 - 150

Lab Sample ID: MB 580-478380/1-A

Matrix: Water

Analysis Batch: 478522

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478380

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
#2 Diesel (C10-C24)	ND		200		ug/L		11/20/24 11:02	11/21/24 15:21	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/20/24 11:02	11/21/24 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	99		50 - 150				11/20/24 11:02	11/21/24 15:21	1

Lab Sample ID: LCS 580-478380/2-A

Matrix: Water

Analysis Batch: 478522

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478380

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Added	Result	Qualifier				Limits	
#2 Diesel (C10-C24)	4000	4020		ug/L		100	50 - 120
Motor Oil (>C24-C36)	4000	4130		ug/L		103	64 - 120
Surrogate	%Recovery	Qualifier	Limits				
o-Terphenyl	93		50 - 150				

Lab Sample ID: MB 580-478960/1-A

Matrix: Water

Analysis Batch: 479063

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478960

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
#2 Diesel (C10-C24)	ND		200		ug/L		11/26/24 08:33	11/27/24 09:41	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/26/24 08:33	11/27/24 09:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	97		50 - 150				11/26/24 08:33	11/27/24 09:41	1

Lab Sample ID: LCS 580-478960/2-A

Matrix: Water

Analysis Batch: 479063

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478960

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Added	Result	Qualifier				Limits	
#2 Diesel (C10-C24)	4000	3890		ug/L		97	50 - 120
Motor Oil (>C24-C36)	4000	3740		ug/L		93	64 - 120
Surrogate	%Recovery	Qualifier	Limits				
o-Terphenyl	76		50 - 150				

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QC Sample Results

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

Job ID: 580-145854-1

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

Lab Sample ID: 580-145854-7 MS

Matrix: Water

Analysis Batch: 479063

Client Sample ID: MW-35_20241112

Prep Type: Total/NA

Prep Batch: 478960

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24) - RE	1300		4040	4820		ug/L		87	50 - 120
Motor Oil (>C24-C36) - RE	ND		4040	4160		ug/L		98	64 - 120
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
o-Terphenyl - RE	71		50 - 150						

Lab Sample ID: 580-145854-7 MSD

Matrix: Water

Analysis Batch: 479063

Client Sample ID: MW-35_20241112

Prep Type: Total/NA

Prep Batch: 478960

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
#2 Diesel (C10-C24) - RE	1300		4060	4620		ug/L		82	50 - 120	4	26
Motor Oil (>C24-C36) - RE	ND		4060	3990		ug/L		94	64 - 120	4	24
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
o-Terphenyl - RE	71		50 - 150								

QC Association Summary

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

Job ID: 580-145854-1

GC/MS VOA

Analysis Batch: 478370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-19	Trip Blank_20241112	Total/NA	Water	NWTPH-Gx	
MB 580-478370/11	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-478370/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-478370/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 478374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-19	Trip Blank_20241112	Total/NA	Water	8260D	
MB 580-478374/11	Method Blank	Total/NA	Water	8260D	
LCS 580-478374/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-478374/7	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 478382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-1	C_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-2	MW-2_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-3	MW-14_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-5	MW-20_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-8	MW-39_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-10	MW-68_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-11	MW-69_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-12	MW-71_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-15	MW-74_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-16	MW-75_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-17	Dup-1_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-18	Dup-2_20241112	Total/NA	Water	NWTPH-Gx	
MB 580-478382/13	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-478382/10	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-478382/11	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-145854-8 MS	MW-39_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-8 MSD	MW-39_20241112	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 478386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-1	C_20241112	Total/NA	Water	8260D	
580-145854-2	MW-2_20241112	Total/NA	Water	8260D	
580-145854-3	MW-14_20241112	Total/NA	Water	8260D	
580-145854-5	MW-20_20241112	Total/NA	Water	8260D	
580-145854-8	MW-39_20241112	Total/NA	Water	8260D	
580-145854-10	MW-68_20241112	Total/NA	Water	8260D	
580-145854-11	MW-69_20241112	Total/NA	Water	8260D	
580-145854-12	MW-71_20241112	Total/NA	Water	8260D	
580-145854-15	MW-74_20241112	Total/NA	Water	8260D	
580-145854-16	MW-75_20241112	Total/NA	Water	8260D	
580-145854-17	Dup-1_20241112	Total/NA	Water	8260D	
580-145854-18	Dup-2_20241112	Total/NA	Water	8260D	
MB 580-478386/13	Method Blank	Total/NA	Water	8260D	
LCS 580-478386/8	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-478386/9	Lab Control Sample Dup	Total/NA	Water	8260D	
580-145854-8 MS	MW-39_20241112	Total/NA	Water	8260D	
580-145854-8 MSD	MW-39_20241112	Total/NA	Water	8260D	

Eurofins Seattle

QC Association Summary

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

Job ID: 580-145854-1

GC/MS VOA

Analysis Batch: 478762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-4	MW-19_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-6	MW-21_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-9	MW-45_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-13	MW-72_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-14	MW-73_20241112	Total/NA	Water	NWTPH-Gx	
MB 580-478762/10	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-478762/7	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-478762/8	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 478766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-4	MW-19_20241112	Total/NA	Water	8260D	
580-145854-6	MW-21_20241112	Total/NA	Water	8260D	
580-145854-7	MW-35_20241112	Total/NA	Water	8260D	
580-145854-9	MW-45_20241112	Total/NA	Water	8260D	
580-145854-13	MW-72_20241112	Total/NA	Water	8260D	
580-145854-14	MW-73_20241112	Total/NA	Water	8260D	
MB 580-478766/10	Method Blank	Total/NA	Water	8260D	
LCS 580-478766/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-478766/6	Lab Control Sample Dup	Total/NA	Water	8260D	
580-145854-7 MS	MW-35_20241112	Total/NA	Water	8260D	
580-145854-7 MSD	MW-35_20241112	Total/NA	Water	8260D	

Analysis Batch: 478855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-7	MW-35_20241112	Total/NA	Water	NWTPH-Gx	
MB 580-478855/11	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-478855/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-478855/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-145854-7 MS	MW-35_20241112	Total/NA	Water	NWTPH-Gx	
580-145854-7 MSD	MW-35_20241112	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 478244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-1 - RA	C_20241112	Total/NA	Water	3510C	
580-145854-3	MW-14_20241112	Total/NA	Water	3510C	
580-145854-4	MW-19_20241112	Total/NA	Water	3510C	
580-145854-5	MW-20_20241112	Total/NA	Water	3510C	
580-145854-6	MW-21_20241112	Total/NA	Water	3510C	
580-145854-8	MW-39_20241112	Total/NA	Water	3510C	
580-145854-9	MW-45_20241112	Total/NA	Water	3510C	
580-145854-10	MW-68_20241112	Total/NA	Water	3510C	
580-145854-11	MW-69_20241112	Total/NA	Water	3510C	
580-145854-12	MW-71_20241112	Total/NA	Water	3510C	
580-145854-13	MW-72_20241112	Total/NA	Water	3510C	
580-145854-14	MW-73_20241112	Total/NA	Water	3510C	
580-145854-15	MW-74_20241112	Total/NA	Water	3510C	
580-145854-16 - RA	MW-75_20241112	Total/NA	Water	3510C	
580-145854-17 - RA	Dup-1_20241112	Total/NA	Water	3510C	

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QC Association Summary

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

Job ID: 580-145854-1

GC Semi VOA (Continued)

Prep Batch: 478244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-18 - RA	Dup-2_20241112	Total/NA	Water	3510C	
MB 580-478244/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-478244/2-A	Lab Control Sample	Total/NA	Water	3510C	
580-145854-8 MS	MW-39_20241112	Total/NA	Water	3510C	
580-145854-8 MSD	MW-39_20241112	Total/NA	Water	3510C	

Prep Batch: 478380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-2	MW-2_20241112	Total/NA	Water	3510C	
MB 580-478380/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-478380/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 478522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-2	MW-2_20241112	Total/NA	Water	NWTPH-Dx	478380
MB 580-478380/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	478380
LCS 580-478380/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	478380

Analysis Batch: 478673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-3	MW-14_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-4	MW-19_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-5	MW-20_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-6	MW-21_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-8	MW-39_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-9	MW-45_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-10	MW-68_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-11	MW-69_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-12	MW-71_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-13	MW-72_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-14	MW-73_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-15	MW-74_20241112	Total/NA	Water	NWTPH-Dx	478244
MB 580-478244/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	478244
LCS 580-478244/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	478244
580-145854-8 MS	MW-39_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-8 MSD	MW-39_20241112	Total/NA	Water	NWTPH-Dx	478244

Analysis Batch: 478903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-1 - RA	C_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-16 - RA	MW-75_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-17 - RA	Dup-1_20241112	Total/NA	Water	NWTPH-Dx	478244
580-145854-18 - RA	Dup-2_20241112	Total/NA	Water	NWTPH-Dx	478244

Prep Batch: 478960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-7 - RE	MW-35_20241112	Total/NA	Water	3510C	
MB 580-478960/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-478960/2-A	Lab Control Sample	Total/NA	Water	3510C	
580-145854-7 MS - RE	MW-35_20241112	Total/NA	Water	3510C	
580-145854-7 MSD - RE	MW-35_20241112	Total/NA	Water	3510C	

Eurofins Seattle

QC Association Summary

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

Job ID: 580-145854-1

GC Semi VOA

Analysis Batch: 479063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-145854-7 - RE	MW-35_20241112	Total/NA	Water	NWTPH-Dx	478960
MB 580-478960/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	478960
LCS 580-478960/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	478960
580-145854-7 MS - RE	MW-35_20241112	Total/NA	Water	NWTPH-Dx	478960
580-145854-7 MSD - RE	MW-35_20241112	Total/NA	Water	NWTPH-Dx	478960

- 1
- 2
- 3
- 4
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Lab Chronicle

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

Job ID: 580-145854-1

Client Sample ID: C_20241112

Lab Sample ID: 580-145854-1

Date Collected: 11/12/24 13:25

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 19:12
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 19:12
Total/NA	Prep	3510C	RA		478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx	RA	1	478903	CB	EET SEA	11/25/24 16:59

Client Sample ID: MW-2_20241112

Lab Sample ID: 580-145854-2

Date Collected: 11/12/24 09:35

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 19:35
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 19:35
Total/NA	Prep	3510C			478380	JW	EET SEA	11/20/24 11:02
Total/NA	Analysis	NWTPH-Dx		1	478522	TL1	EET SEA	11/21/24 21:34

Client Sample ID: MW-14_20241112

Lab Sample ID: 580-145854-3

Date Collected: 11/12/24 13:55

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 19:58
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 19:58
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/22/24 20:15

Client Sample ID: MW-19_20241112

Lab Sample ID: 580-145854-4

Date Collected: 11/12/24 12:05

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	478766	JBT	EET SEA	11/23/24 01:28
Total/NA	Analysis	NWTPH-Gx		10	478762	JBT	EET SEA	11/23/24 01:28
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/22/24 20:34

Client Sample ID: MW-20_20241112

Lab Sample ID: 580-145854-5

Date Collected: 11/12/24 10:40

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 20:22
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 20:22
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/22/24 20:54

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Lab Chronicle

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

Job ID: 580-145854-1

Client Sample ID: MW-21_20241112

Lab Sample ID: 580-145854-6

Date Collected: 11/12/24 10:10

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	478766	JBT	EET SEA	11/23/24 01:49
Total/NA	Analysis	NWTPH-Gx		10	478762	JBT	EET SEA	11/23/24 01:49
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/22/24 21:14

Client Sample ID: MW-35_20241112

Lab Sample ID: 580-145854-7

Date Collected: 11/12/24 12:40

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		100	478766	JBT	EET SEA	11/23/24 02:31
Total/NA	Analysis	NWTPH-Gx		10	478855	JBT	EET SEA	11/25/24 19:27
Total/NA	Prep	3510C	RE		478960	JW	EET SEA	11/26/24 08:33
Total/NA	Analysis	NWTPH-Dx	RE	1	479063	CB	EET SEA	11/27/24 10:59

Client Sample ID: MW-39_20241112

Lab Sample ID: 580-145854-8

Date Collected: 11/12/24 11:00

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 18:03
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 18:03
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/22/24 22:52

Client Sample ID: MW-45_20241112

Lab Sample ID: 580-145854-9

Date Collected: 11/12/24 11:25

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	478766	JBT	EET SEA	11/23/24 02:10
Total/NA	Analysis	NWTPH-Gx		10	478762	JBT	EET SEA	11/23/24 02:10
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/22/24 23:50

Client Sample ID: MW-68_20241112

Lab Sample ID: 580-145854-10

Date Collected: 11/12/24 15:55

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 20:45
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 20:45
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/23/24 00:10

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Lab Chronicle

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

Job ID: 580-145854-1

Client Sample ID: MW-69_20241112

Lab Sample ID: 580-145854-11

Date Collected: 11/12/24 15:25

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 21:08
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 21:08
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/23/24 00:29

Client Sample ID: MW-71_20241112

Lab Sample ID: 580-145854-12

Date Collected: 11/12/24 09:50

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 21:31
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 21:31
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/23/24 00:49

Client Sample ID: MW-72_20241112

Lab Sample ID: 580-145854-13

Date Collected: 11/12/24 14:50

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478766	JBT	EET SEA	11/22/24 23:02
Total/NA	Analysis	NWTPH-Gx		1	478762	JBT	EET SEA	11/22/24 23:02
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/23/24 01:08

Client Sample ID: MW-73_20241112

Lab Sample ID: 580-145854-14

Date Collected: 11/12/24 15:20

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478766	JBT	EET SEA	11/23/24 00:05
Total/NA	Analysis	NWTPH-Gx		1	478762	JBT	EET SEA	11/23/24 00:05
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/23/24 01:27

Client Sample ID: MW-74_20241112

Lab Sample ID: 580-145854-15

Date Collected: 11/12/24 14:25

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 18:49
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 18:49
Total/NA	Prep	3510C			478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx		1	478673	TL1	EET SEA	11/23/24 01:47

Eurofins Seattle

Lab Chronicle

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

Job ID: 580-145854-1

Client Sample ID: MW-75_20241112

Lab Sample ID: 580-145854-16

Date Collected: 11/12/24 14:55

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 18:26
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 18:26
Total/NA	Prep	3510C	RA		478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx	RA	1	478903	CB	EET SEA	11/25/24 16:00

Client Sample ID: Dup-1_20241112

Lab Sample ID: 580-145854-17

Date Collected: 11/12/24 00:00

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 22:40
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 22:40
Total/NA	Prep	3510C	RA		478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx	RA	1	478903	CB	EET SEA	11/25/24 16:20

Client Sample ID: Dup-2_20241112

Lab Sample ID: 580-145854-18

Date Collected: 11/12/24 00:00

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478386	K1K	EET SEA	11/20/24 22:17
Total/NA	Analysis	NWTPH-Gx		1	478382	K1K	EET SEA	11/20/24 22:17
Total/NA	Prep	3510C	RA		478244	JW	EET SEA	11/19/24 08:47
Total/NA	Analysis	NWTPH-Dx	RA	1	478903	CB	EET SEA	11/25/24 16:40

Client Sample ID: Trip Blank_20241112

Lab Sample ID: 580-145854-19

Date Collected: 11/12/24 00:00

Matrix: Water

Date Received: 11/13/24 11:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	478374	JBT	EET SEA	11/20/24 03:08
Total/NA	Analysis	NWTPH-Gx		1	478370	JBT	EET SEA	11/20/24 03:08

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

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

Job ID: 580-145854-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
NWTPH-Gx		Water	Gasoline

Method Summary

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

Job ID: 580-145854-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SEA
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SEA
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	EET SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET SEA
5030B	Purge and Trap	SW846	EET SEA

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

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

Job ID: 580-145854-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-145854-1	C_20241112	Water	11/12/24 13:25	11/13/24 11:44
580-145854-2	MW-2_20241112	Water	11/12/24 09:35	11/13/24 11:44
580-145854-3	MW-14_20241112	Water	11/12/24 13:55	11/13/24 11:44
580-145854-4	MW-19_20241112	Water	11/12/24 12:05	11/13/24 11:44
580-145854-5	MW-20_20241112	Water	11/12/24 10:40	11/13/24 11:44
580-145854-6	MW-21_20241112	Water	11/12/24 10:10	11/13/24 11:44
580-145854-7	MW-35_20241112	Water	11/12/24 12:40	11/13/24 11:44
580-145854-8	MW-39_20241112	Water	11/12/24 11:00	11/13/24 11:44
580-145854-9	MW-45_20241112	Water	11/12/24 11:25	11/13/24 11:44
580-145854-10	MW-68_20241112	Water	11/12/24 15:55	11/13/24 11:44
580-145854-11	MW-69_20241112	Water	11/12/24 15:25	11/13/24 11:44
580-145854-12	MW-71_20241112	Water	11/12/24 09:50	11/13/24 11:44
580-145854-13	MW-72_20241112	Water	11/12/24 14:50	11/13/24 11:44
580-145854-14	MW-73_20241112	Water	11/12/24 15:20	11/13/24 11:44
580-145854-15	MW-74_20241112	Water	11/12/24 14:25	11/13/24 11:44
580-145854-16	MW-75_20241112	Water	11/12/24 14:55	11/13/24 11:44
580-145854-17	Dup-1_20241112	Water	11/12/24 00:00	11/13/24 11:44
580-145854-18	Dup-2_20241112	Water	11/12/24 00:00	11/13/24 11:44
580-145854-19	Trip Blank_20241112	Water	11/12/24 00:00	11/13/24 11:44

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Laboratory Management Program (LAMP) Chain of Custody
Soil, Sediment and Groundwater Samples

580-145854 Chain of Custody



Page 1 of 2

BP Site Node Path: Olympic Pipeline Company Reg Due Date (mm/dd/yy): Standard TAT Rush TAT Yes ☐ No ☒ X
BP/RM Facility No: Alien Station Lab Work Order Number: _____

Lab Name:	Eurofins	BP/ARC Facility Address:	16292 Overnell Road	Consultant/Contractor:	Antea Group
Lab Address:	Tacoma, WA	City, State, ZIP Code:	Mt. Vernon, Washington 98421	Consultant/Contractor Project No:	OPLC Alien Station 2024
Lab PM:	M. Elaine Walker	Lead Regulatory Agency:	Washington Department of Ecology	Address:	18378-B Redmond Way, Redmond, WA 98052
Lab Phone:	253-922-2310	California Global ID No.:	NA	Consultant/Contractor PM:	Nolan Lewis
Lab Shipping Acct:	NA	Entos Proposal No.:	00BHW-0020W/R1105486	Phone:	503-550-3703
Lab Bottle Order No.:	NA	Accounting Mode:	Provision ☒ X OOC-BU ☐ OOC-RM ☐	Send/Submit EDD to:	<u>Nolan.Lewis@anteagroup.us</u>
Other Info:	<u>m.elaine.walker@eurofinsus.com</u>	Stage	Appraise (10)	Activity	Interim Measures (123)
BP/RM PM:	Wade Melton	Requested Analyses			
PM Phone: 360-594-7978		Sample Details		Report Type & QC Level	
PM Email: <u>wade.melton@bp.com</u>		Analysis		Limited (Standard) Package - ☒ X	
				Limited Plus Package - ☐	
				Full Package - ☐	
Lab No.	Sample Description	Date	Time	Comments	
		Field Matrix	Start Depth	End Depth	Depth Unit
		Grab (G) or Composite (C)	Total Number of Containers	Analysis	Pres Filt
				8260BTEX	
				NWTPH-Gx	
				NWTPH-DX	
C_20241112		11/12/2024	1325	W	-
MMW-2_20241112		11/12/2024	935	W	-
MMW-14_20241112		11/12/2024	1355	W	-
MMW-19_20241112		11/12/2024	1205	W	-
MMW-20_20241112		11/12/2024	1040	W	-
MMW-21_20241112		11/12/2024	1010	W	-
MMW-35_20241112		11/12/2024	1240	W	-
Sampler's Name: S. Nachimuthu, C. Dechenne		Relinquished By / Affiliation		Date	Time
Sampler's Company: Antea Group		Accepted By / Affiliation		Date	Time
Ship Method:	Courier	Ship Date:	11/13/24	11/13/24	1144
Shipment Tracking No:					
Special Instructions: Please only report Total Xylenes (instead of m&p or o). Report all groundwater results in ug/L.					
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					

Proprietary and Confidential
Property of BP and its Affiliates
Antea Group - Business Confidential



Laboratory Management Program (LaMP) Chain of Custody Record

BP Site Node Path:	Olympic Pipeline Company	Req Due Date (mm/dd/yyyy):	Standard TAT	Rush TAT	Yes	No	X
BP/PRM Facility No:	Allen Station	Lab Work Order Number:					

Page 2 of 3[illegible]



Laboratory Management Program (LaMP) Chain of Custody Record Soil, Sediment and Groundwater Samples

Page 3 of 3

BP Site Node Path:	Olympic Pipeline Company	Req Due Date (mm/dd/yyyy):	Standard TAT	Rush TAT	Yes	No	X
BP/IRM Facility No:	Allen Station	Lab Work Order Number:					

[illegible]

Antea 11/13/24
Cooler 1 of 2

Therm. ID: 11 Cor: 1.7 Unc: 2.7
Cooler Desc: LR FedEx: _____
Packing: Bub UPS: _____
Inst. Seal: Yes _____ No X Lab Cour: BROOK
Blue Ice, Wet W Dry, None Other: _____

Cooler 2 of 2

Therm. ID: 11 Cor: 0.1 Unc: 1.1
Cooler Desc: LR FedEx: _____
Packing: Bub UPS: _____
Inst. Seal: Yes _____ No X Lab Cour: BROOK
Blue Ice, Wet W Dry, None Other: _____

Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-145854-1

Login Number: 145854

List Source: Eurofins Seattle

List Number: 1

Creator: Silva, Shawn 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145854-1

SDG No.: _____

Batch Number: 478374 Batch Start Date: 11/19/24 23:16 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00046	VOAMasterSEC 00096	VOASTDGASSEC 00003
LCS 580-478374/6		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-478374/7		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-478374/11		8260D			10 mL	10 mL		10 uL		
580-145854-A-19	Trip Blank 20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	204524
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145854-1

SDG No.: _____

Batch Number: 478386 Batch Start Date: 11/20/24 12:59 Batch Analyst: Klongnganchui, Kanjana 1Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00046	VOAMasterSEC 00096	VOASTDGASSEC 00003
LCS 580-478386/8		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
LCSD 580-478386/9		8260D			10 mL	10 mL		10 uL	5 uL	5 uL
MB 580-478386/13		8260D			10 mL	10 mL		10 uL		
580-145854-E-8	MW-39_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-D-16	MW-75_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-D-15	MW-74_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-1	C_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-2	MW-2_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-3	MW-14_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-5	MW-20_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-10	MW-68_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-11	MW-69_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-12	MW-71_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-18	Dup-2_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-17	Dup-1_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-D-8 MS	MW-39_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL	8.6 uL	8.6 uL
580-145854-D-8 MSD	MW-39_20241112	8260D	Water	T	10 mL	10 mL	<2 SU	10 uL	8.6 uL	8.6 uL

Batch Notes

pH Indicator ID	204524
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145854-1

SDG No.: _____

Batch Number: 478766 Batch Start Date: 11/22/24 19:12 Batch Analyst: Tucker, Jonathon B

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00045	VOAMasterSEC 00096	VOASTDGASSEC 00003
LCS 580-478766/5		8260D			5 mL	5 mL		5 uL	10 uL	10 uL
LCSD 580-478766/6		8260D			5 mL	5 mL		5 uL	10 uL	10 uL
MB 580-478766/10		8260D			5 mL	5 mL		5 uL		
580-145854-C-13	MW-72_20241112	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-14	MW-73_20241112	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-4	MW-19_20241112	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-6	MW-21_20241112	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-9	MW-45_20241112	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-7	MW-35_20241112	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-D-7 MS	MW-35_20241112	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL	8.6 uL	8.6 uL
580-145854-D-7 MSD	MW-35_20241112	8260D	Water	T	5 mL	5 mL	<2 SU	5 uL	8.6 uL	8.6 uL

Batch Notes	
pH Indicator ID	204524
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145854-1

SDG No.: _____

Batch Number: 478370 Batch Start Date: 11/19/24 23:16 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00046	GRO_LCSIntLt2 _00003	
LCS 580-478370/8		NWTPH-Gx			10 mL	10 mL		10 uL	25 uL	
LCSD 580-478370/9		NWTPH-Gx			10 mL	10 mL		10 uL	25 uL	
MB 580-478370/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-145854-A-19	Trip Blank 20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		

Batch Notes	
pH Indicator ID	204524
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 1 of 1

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle

Job No.: 580-145854-1

SDG No.:

Batch Number: 478382

Batch Start Date: 11/20/24 12:59

Batch Analyst: Klongnganchui, Kanjana 1

Batch Method: NWTPH-Gx

Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00046	GRO_LCSIntLt2 _00003	
LCS 580-478382/10		NWTPH-Gx			10 mL	10 mL		10 uL	25 uL	
LCSD 580-478382/11		NWTPH-Gx			10 mL	10 mL		10 uL	25 uL	
MB 580-478382/13		NWTPH-Gx			10 mL	10 mL		10 uL		
580-145854-E-8	MW-39_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-D-16	MW-75_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-D-15	MW-74_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-1	C_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-2	MW-2_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-3	MW-14_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-5	MW-20_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-10	MW-68_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-11	MW-69_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-12	MW-71_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-18	Dup-2_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-17	Dup-1_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-C-8	MW-39_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL	21.5 uL	
MS 580-145854-C-8 MSD	MW-39_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL	21.5 uL	

Batch Notes

pH Indicator ID	204524
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145854-1

SDG No.: _____

Batch Number: 478762 Batch Start Date: 11/22/24 19:12 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00045	GRO_LCS_SEC 00001	
LCS 580-478762/7		NWTPH-Gx			5 mL	5 mL		5 uL	25 uL	
LCSD 580-478762/8		NWTPH-Gx			5 mL	5 mL		5 uL	25 uL	
MB 580-478762/10		NWTPH-Gx			5 mL	5 mL		5 uL		
580-145854-C-13	MW-72_20241112	NWTPH-Gx	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-14	MW-73_20241112	NWTPH-Gx	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-4	MW-19_20241112	NWTPH-Gx	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-6	MW-21_20241112	NWTPH-Gx	Water	T	5 mL	5 mL	<2 SU	5 uL		
580-145854-C-9	MW-45_20241112	NWTPH-Gx	Water	T	5 mL	5 mL	<2 SU	5 uL		

Batch Notes

pH Indicator ID	204524
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 1 of 1

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145854-1

SDG No.: _____

Batch Number: 478855 Batch Start Date: 11/25/24 10:35 Batch Analyst: Tucker, Jonathon BBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS 00046	GRO_LCS_SEC 00001	
LCS 580-478855/8		NWTPH-Gx			10 mL	10 mL		10 uL	25 uL	
LCSD 580-478855/9		NWTPH-Gx			10 mL	10 mL		10 uL	25 uL	
MB 580-478855/11		NWTPH-Gx			10 mL	10 mL		10 uL		
580-145854-H-7	MW-35_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL		
580-145854-H-7 MS	MW-35_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL	21.5 uL	
580-145854-E-7 MSD	MW-35_20241112	NWTPH-Gx	Water	T	10 mL	10 mL	<2 SU	10 uL	21.5 uL	

Batch Notes

pH Indicator ID	204524
Vial Lot Number	0112201I

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145854-1

SDG No.: _____

Batch Number: 478244 Batch Start Date: 11/19/24 08:47 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 11/19/24 16:49

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-478244/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-478244/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-145854-B-3	MW-14_20241112	3510C, NWTPH-Dx	Water	T	00441.51 g	00178.19 g	263.3 mL	2 mL	2 SU	n/a SU
580-145854-A-4	MW-19_20241112	3510C, NWTPH-Dx	Water	T	00440.20 g	00177.92 g	262.3 mL	2 mL	2 SU	n/a SU
580-145854-B-5	MW-20_20241112	3510C, NWTPH-Dx	Water	T	00425.18 g	00175.57 g	249.6 mL	2 mL	2 SU	n/a SU
580-145854-B-6	MW-21_20241112	3510C, NWTPH-Dx	Water	T	00438.13 g	00179.39 g	258.7 mL	2 mL	2 SU	n/a SU
580-145854-B-8	MW-39_20241112	3510C, NWTPH-Dx	Water	T	00438.98 g	00178.26 g	260.7 mL	2 mL	2 SU	n/a SU
580-145854-B-8 MS	MW-39_20241112	3510C, NWTPH-Dx	Water	T	00440.09 g	00178.57 g	261.5 mL	2 mL	2 SU	n/a SU
580-145854-A-8 MSD	MW-39_20241112	3510C, NWTPH-Dx	Water	T	00443.89 g	00178.77 g	265.1 mL	2 mL	2 SU	n/a SU
580-145854-A-9	MW-45_20241112	3510C, NWTPH-Dx	Water	T	00425.91 g	00177.76 g	248.2 mL	2 mL	2 SU	n/a SU
580-145854-B-10	MW-68_20241112	3510C, NWTPH-Dx	Water	T	00443.02 g	00178.47 g	264.6 mL	2 mL	2 SU	n/a SU
580-145854-B-11	MW-69_20241112	3510C, NWTPH-Dx	Water	T	00437.17 g	00177.46 g	259.7 mL	2 mL	2 SU	n/a SU
580-145854-B-12	MW-71_20241112	3510C, NWTPH-Dx	Water	T	00428.99 g	00178.78 g	250.2 mL	2 mL	2 SU	n/a SU
580-145854-A-13	MW-72_20241112	3510C, NWTPH-Dx	Water	T	00438.37 g	00178.30 g	260.1 mL	2 mL	2 SU	n/a SU
580-145854-A-14	MW-73_20241112	3510C, NWTPH-Dx	Water	T	00429.00 g	00177.61 g	251.4 mL	2 mL	2 SU	n/a SU
580-145854-A-15	MW-74_20241112	3510C, NWTPH-Dx	Water	T	00437.19 g	00178.12 g	259.1 mL	2 mL	2 SU	n/a SU
580-145854-A-16	MW-75_20241112	3510C, NWTPH-Dx	Water	T	00437.68 g	00178.60 g	259.1 mL	2 mL	2 SU	n/a SU
580-145854-B-17	Dup-1_20241112	3510C, NWTPH-Dx	Water	T	00441.10 g	00179.53 g	261.6 mL	2 mL	2 SU	n/a SU
580-145854-B-18	Dup-2_20241112	3510C, NWTPH-Dx	Water	T	00429.46 g	00177.95 g	251.5 mL	2 mL	2 SU	n/a SU
580-145854-B-1	C_20241112	3510C, NWTPH-Dx	Water	T	00439.77 g	00178.05 g	261.7 mL	2 mL	2 SU	n/a SU

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle

Job No.: 580-145854-1

SDG No.:

Batch Number: 478244

Batch Start Date: 11/19/24 08:47

Batch Analyst: Wilson, Jacob

Batch Method: 3510C

Batch End Date: 11/19/24 16:49

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_SURR 00091	TPH_Water_Spk 00043			
MB 580-478244/1		3510C, NWTPH-Dx			n/a SU	20 uL				
LCS 580-478244/2		3510C, NWTPH-Dx			n/a SU	20 uL	100 uL			
580-145854-B-3	MW-14_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-A-4	MW-19_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-5	MW-20_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-6	MW-21_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-8	MW-39_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-8 MS	MW-39_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL	100 uL			
580-145854-A-8 MSD	MW-39_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL	100 uL			
580-145854-A-9	MW-45_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-10	MW-68_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-11	MW-69_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-12	MW-71_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-A-13	MW-72_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-A-14	MW-73_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-A-15	MW-74_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-A-16	MW-75_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-17	Dup-1_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-18	Dup-2_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				
580-145854-B-1	C_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145854-1

SDG No.: _____

Batch Number: 478244Batch Start Date: 11/19/24 08:47Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 11/19/24 16:49

Batch Notes	
Method/Fraction	3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	JW
Analyst ID - Spike Witness Analyst	EF
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3828433
Prep Solvent ID	3893130
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	3840418
Analyst ID - Concentration	JW
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 5
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by: JW Reviewed by: EF

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145854-1

SDG No.: _____

Batch Number: 478244Batch Start Date: 11/19/24 08:47Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 11/19/24 16:49

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-145854-1

SDG No.: _____

Batch Number: 478380 Batch Start Date: 11/20/24 11:02 Batch Analyst: Wilson, JacobBatch Method: 3510C Batch End Date: 11/20/24 14:48

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-478380/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-478380/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-145854-A-2	MW-2_20241112	3510C, NWTPH-Dx	Water	T	00437.09 g	00176.25 g	260.8 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_SURR 00090	TPH_Water_Spk 00043			
MB 580-478380/1		3510C, NWTPH-Dx			n/a SU	20 uL				
LCS 580-478380/2		3510C, NWTPH-Dx			n/a SU	20 uL	100 uL			
580-145854-A-2	MW-2_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	20 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145854-1

SDG No.: _____

Batch Number: 478380Batch Start Date: 11/20/24 11:02Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 11/20/24 14:48

Batch Notes	
Method/Fraction	3510C_LVI_14d/NWTPH_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	JW
Analyst ID - Spike Witness Analyst	EF
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3828433
Prep Solvent ID	3893130
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	3840418
Analyst ID - Concentration	MJ
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 6
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	vialed by: MJ Reviewed by: JW

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145854-1

SDG No.: _____

Batch Number: 478380Batch Start Date: 11/20/24 11:02Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 11/20/24 14:48

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145854-1

SDG No.: _____

Batch Number: 478960Batch Start Date: 11/26/24 08:33Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 11/26/24 16:44

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-478960/1		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
LCS 580-478960/2		3510C, NWTPH-Dx					250 mL	2 mL	7 SU	2 SU
580-145854-B-7	MW-35_20241112	3510C, NWTPH-Dx	Water	T	00425.22 g	00177.97 g	247.3 mL	2 mL	2 SU	n/a SU
580-145854-A-7 MS	MW-35_20241112	3510C, NWTPH-Dx	Water	T	00425.37 g	00178.06 g	247.3 mL	2 mL	2 SU	n/a SU
580-145854-A-7 MSD	MW-35_20241112	3510C, NWTPH-Dx	Water	T	00424.83 g	00178.19 g	246.6 mL	2 mL	2 SU	n/a SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SecondAdjustpH	TPH_Water_Spk 00043	TPH_WaterSurr 00120			
MB 580-478960/1		3510C, NWTPH-Dx			n/a SU		100 uL			
LCS 580-478960/2		3510C, NWTPH-Dx			n/a SU	100 uL	100 uL			
580-145854-B-7	MW-35_20241112	3510C, NWTPH-Dx	Water	T	n/a SU		100 uL			
580-145854-A-7 MS	MW-35_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	100 uL	100 uL			
580-145854-A-7 MSD	MW-35_20241112	3510C, NWTPH-Dx	Water	T	n/a SU	100 uL	100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145854-1

SDG No.: _____

Batch Number: 478960Batch Start Date: 11/26/24 08:33Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 11/26/24 16:44

Batch Notes	
Method/Fraction	3510C_LVI/8015D_DRO/8015D_DOD5/3510C_LVI_14d/NWTP H_Dx
Balance ID	SEA225
Balance is Level? (Y/N)	yes
pH Indicator ID	10BDH3421/6105009/6204001
Pipette/Syringe/Dispenser ID	E4
Analyst ID - Extraction	JW/EF
Reagent Water ID	DI
Analyst ID - Spike Analyst	JW
Analyst ID - Spike Witness Analyst	EF
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3828433
Prep Solvent ID	3893130
Prep Solvent Volume Used	100 mL
Filter ID	09-790-12F
Na2SO4 ID	3916219
Analyst ID - Concentration	MJ
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap 6
Thermometer ID - Concentration 2	DIGITAL READOUT
Concentration 2 Uncorrected Temperature	42 Degrees C
Concentration 2 Corrected Temperature	40 Degrees C
Vial Lot Number	13-09-1335
Pipette Tip Lot ID	14672-200
Batch Comment	viald by: MJ Reviewed by:JW

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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HYDROCARBONS BATCH WORKSHEET

Lab Name: Eurofins SeattleJob No.: 580-145854-1

SDG No.: _____

Batch Number: 478960Batch Start Date: 11/26/24 08:33Batch Analyst: Wilson, JacobBatch Method: 3510CBatch End Date: 11/26/24 16:44

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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