



Annual Groundwater Monitoring Report

Year of 2023

United Pacific Station No. 2705497
102 College Street Southeast, Lacey, Washington

Antea[®]Group

Understanding today.
Improving tomorrow.

PREPARED FOR

United Pacific
4130 Cover Street
Long Beach, CA 90808

PREPARED BY

Antea Group - Seattle WA
March 8, 2024
Project ELT - 5497_Lacey WA
FSID 48351879
VCP SW1082
Cleanup Site #1747

us.anteagroup.com

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Annual Groundwater Monitoring Report

Year of 2023

United Pacific Station No. 2705497

102 College Street Southeast, Lacey, Washington

United Pacific Station No.	2705497
Address	102 College Street Southeast, Lacey, Washington
Consulting Co. /Contact Person	Antea Group / Megan Richard, 206 854 0399
Consultant Project Number	ELT – 5497_Lacey WA
Primary Agency/Regulatory FS ID No.:	Washington State Department of Ecology FSID 48351879 / VCP SW1082

WORK PERFORMED DURING YEAR OF 2023

- Antea Group conducted groundwater monitoring and sampling on March 21, 2023.
- Antea Group prepared this Annual Groundwater Monitoring Report.

WORK SCHEDULED FOR FIRST HALF OF 2024

- Antea Group will conduct annual groundwater monitoring and sampling in the first quarter of 2023.
- Antea Group will prepare an annual groundwater monitoring report.

Current Phase of Project	Post-Remediation Compliance Sampling	
Frequency of Groundwater Sampling and Monitoring	Annual	
Are LPH Present On-Site	No	
LPH Recovered this Reporting Period	None	
Current Remediation Techniques	Bio-sparge and soil vapor extraction system shut down on August 12, 2020.	
Approximate Depth to Groundwater (feet below ground surface (ft bgs))	March 21, 2023	38.66 through 50.61 feet (ft) below ground surface (bgs)
Groundwater Gradient	March 21, 2023	East, 0.01 ft./linear ft.

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:

Brandon Cresencia

Brandon Cresencia
Project Professional

Date: March 8, 2024

Reviewed by:

MR

Megan Richard, LG
Senior Project Manager



Date: March 8, 2024

cc: Mr. Dean Malte, Department of Ecology, Southwest Regional Office (Hardcopy, Electronic Copy)
File, Antea Group

CONTACT INFORMATION

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Table

Table 1 – Groundwater Analytical and Gauging Data

TABLE 1
GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-1	5/20/2010	100.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10/18/2010	100.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	2/3/2011	100.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	5/9/2011	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/22/2011	100.20	28.04	NP	--	72.16	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/15/2011	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	2/21/2012	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	5/10/2012	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/15/2012	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/13/2012	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	1/28/2013	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	5/13/2013	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/6/2013	100.20	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/28/2014	100.20	27.99	NP	--	72.21	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/4/2015	100.20	27.95	NP	--	72.25	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/11/2015	100.20	27.97	NP	--	72.23	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/16/2016	100.20	27.98	NP	--	72.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/31/2016	100.20	27.94	NP	--	72.26	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/28/2016	100.20	27.94	NP	--	72.26	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/6/2017	100.20	27.95	NP	--	72.25	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	8/16/2017	100.20	--	--	--	--	ABD	--	--	--	--	--	--	--	--	--	--	--	--	--
								--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/20/2010	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/18/2010	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/9/2011	100.27	41.07	NP	--	59.20	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	<	<	--
MW-2	5/9/2011	100.27	40.45	NP	--	59.82	--	< 50.0	100	380	< 1.0	< 1.0	< 1.0	< 3.0	--	10.6	--	--	--	--
MW-2	8/22/2011	100.27	43.95	NP	--	56.32	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/15/2011	100.27	43.85	NP	--	56.42	--	< 50.0	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-2	2/21/2012	100.27	43.91	NP	--	56.36	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/10/2012	100.27	41.83	NP	--	58.44	--	< 50.0	< 84	< 420	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-2	8/15/2012	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/13/2012	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/28/2013	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/13/2013	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/6/2013	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/28/2014	100.27	43.90	NP	--	56.37	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/4/2015	100.27	43.85	NP	--	56.42	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/11/2015	100.27	43.85	NP	--	56.42	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/16/2016	100.27	43.87	NP	--	56.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/31/2016	100.27	--	--	--	--	NG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/28/2016	100.27	43.77	NP	--	56.50	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/6/2017	100.27	40.76	NP	--	59.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/20/2017	100.27	43.90	NP	--	56.37	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/4/2017	100.27	43.81	NP	--	56.46	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/26/2018	100.27	39.35	NP	--	60.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-2	6/6/2018	100.27	43.82	NP	--	56.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/5/2018	100.27	43.86	NP	--	56.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/3/2018	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/19/2019	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/17/2019	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/24/2020	100.27	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/9/2021	100.27	39.83	NP	--	60.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/21/2023	100.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/20/2010	100.18	47.61	NP	--	52.57	--	23,300	2,100	< 380	6.7	111	599	4,050	< 1.0	144	--	< 1.0	< 1.0	141
MW-3	10/18/2010	100.18	55.80	NP	--	44.38	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/3/2011	100.18	40.53	NP	--	59.65	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	<	<	--
MW-3	5/9/2011	100.18	40.55	NP	--	59.63	--	207	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-3	8/22/2011	100.18	52.49	NP	--	47.69	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/15/2011	100.18	56.61	NP	--	43.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/21/2012	100.18	45.00	NP	--	55.18	--	< 50.0	< 0.076	< 0.38	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-3	5/10/2012	100.18	41.81	NP	--	58.37	--	< 50.0	< 78	< 390	< 1.0	< 1.0	< 1.0	< 3.0	--	152	--	--	--	--
MW-3	8/15/2012	100.18	52.80	NP	--	47.38	--	15,100	497	377	6.8	14.1	287	933	--	55.4	--	--	--	--
MW-3	11/13/2012	100.18	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/28/2013	100.18	43.09	NP	--	57.09	--	< 100	< 200	< 200	< 1.0	< 1.0	1.1	5.1	--	--	--	--	--	--
MW-3	5/13/2013	100.18	46.94	NP	--	53.24	--	< 100	< 390	< 390	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-3	11/6/2013	100.18	53.40	NP	--	46.78	--	4,600	< 250	< 250	7.3	6.7	130	330	--	1.9	--	--	--	--
MW-3	7/1/2014	100.18	49.71	NP	--	50.47	--	11,000	--	--	< 10	< 10	160	440	--	--	--	--	--	--
MW-3	8/28/2014	100.18	55.82	NP	--	44.36	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10/29/2014	100.18	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/11/2014	100.18	54.98	NP	--	45.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/9/2014	100.18	52.87	NP	--	47.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/4/2015	100.18	45.32	NP	--	54.86	--	750	--	--	1.6	1.1	11	34	--	< 1.0	--	--	--	--
MW-3	8/11/2015	100.18	56.82	NP	--	43.36	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/27/2016	100.18	37.75	NP	--	62.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/16/2016	100.18	47.80	NP	--	52.38	--	800	--	--	< 1.0	6.6	6.8	90	--	--	--	--	--	--
MW-3	8/11/2016	100.18	53.24	NP	--	46.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/31/2016	100.18	54.91	NP	--	45.27	--	1,700	--	--	< 1.0	2.9	11	52	--	--	--	--	--	--
MW-3	10/5/2016	100.18	57.07	NP	--	43.11	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10/26/2016	100.18	53.11	NP	--	47.07	--	920	--	--	< 1.0	1.3	2.4	54	--	--	--	--	--	--
MW-3	11/29/2016	100.18	46.62	NP	--	53.56	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-3	1/12/2017	100.18	--	--	--	--	NG	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-3	2/13/2017	100.18	41.71	NP	--	58.47	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-3	6/6/2017	100.18	40.68	NP	--	59.50	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-3	9/20/2017	100.18	54.21	NP	--	45.97	--	120	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-3	12/4/2017	100.18	47.39	NP	--	52.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/5/2017	100.18	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-3	2/26/2018	100.18	39.45	NP	--	60.73	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-3	6/6/2018	100.18	47.38	NP	--	52.80	--	98	--	--	< 1.0	< 1.0	< 1.0	4.1	--	--	--	--	--	--
MW-3	9/5/2018	100.18	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--

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MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-3	12/3/2018	100.18	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/19/2019	100.18	55.60	NP	--	44.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/17/2019	100.18	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/24/2020	100.18	45.50	NP	--	54.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/9/2021	100.18	39.93	NP	--	60.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/1/2022	--	--	--	--	--	--	--	< 130	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/21/2023	100.18	50.25	NP	--	49.93	--	--	180	< 250	--	--	--	--	--	--	--	--	--	--
MW-4	10/18/2010	100.47	55.01	NP	--	45.46	--	11,300	2,700	< 380	< 1.0	2.1	108	224	< 1.0	< 10.0	--	0.011	< 1.0	--
MW-4	2/3/2011	100.47	40.76	NP	--	59.71	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	<	<	--
MW-4	5/9/2011	100.47	40.72	NP	--	59.75	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-4	8/22/2011	100.47	52.67	NP	--	47.80	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-4	11/15/2011	100.47	57.13	NP	--	43.34	--	4,100	640	< 380	< 1.0	< 1.0	3.7	3.4	--	106	< 10.0	--	--	--
MW-4	2/21/2012	100.47	45.24	NP	--	55.23	--	< 50.0	< 380	< 76	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-4	5/10/2012	100.47	42.00	NP	--	58.47	--	< 50.0	< 400	< 79	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-4	8/15/2012	100.47	53.02	NP	--	47.45	--	< 50.0	< 400	< 80.0	< 1.0	< 1.0	< 1.0	< 3.0	--	18.9	--	--	--	--
MW-4	11/13/2012	100.47	56.33	NP	--	44.14	--	811	< 185	690	< 1.0	< 1.0	< 1.0	13.2	--	22.9	--	--	--	--
MW-4	1/28/2013	100.47	43.33	NP	--	57.14	--	< 100	< 200	< 200	< 1.0	< 1.0	< 1.0	< 3.0	--	< 3.0	--	--	--	--
MW-4	5/13/2013	100.47	47.44	NP	--	53.03	--	< 100	< 390	< 390	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-4	11/6/2013	100.47	53.57	NP	--	46.90	--	< 50	< 130	< 250	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-4	8/27/2014	100.47	55.99	NP	--	44.48	--	99	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-4	3/4/2015	100.47	45.55	NP	--	54.92	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-4	8/11/2015	100.47	58.89	NP	--	41.58	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/16/2016	100.47	48.05	NP	--	52.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/31/2016	100.47	55.18	NP	--	45.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/28/2016	100.47	46.82	NP	--	53.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/6/2017	100.47	41.06	NP	--	59.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/20/2017	100.47	54.42	NP	--	46.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/4/2017	100.47	47.66	NP	--	52.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/26/2018	100.47	39.67	NP	--	60.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/6/2018	100.47	47.55	NP	--	52.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/5/2018	100.47	57.08	NP	--	43.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/7/2018	100.47	--	--	--	--	NG	150	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	7.5	--	< 0.010	< 0.020	--
MW-4	12/3/2018	100.47	57.39	NP	--	43.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/5/2018	100.47	--	--	--	--	NG	1,200	--	--	< 1.0	< 1.0	3.1	3.5	--	7	9	< 0.010	< 0.020	--
MW-4	4/29/2019	100.47	50.75	NP	--	49.72	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	< 1.0	< 0.010	< 0.020	--
MW-4	6/19/2019	100.47	55.80	NP	--	44.67	--	69	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-4	9/26/2019	100.47	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/17/2019	100.47	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/24/2020	100.47	45.63	NP	--	54.84	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-4	2/9/2021	100.47	40.17	NP	--	60.30	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-4	2/28/2022	--	--	--	--	--	--	< 50	< 130	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-4	3/21/2023	100.47	50.45	NP	--	50.02	--	< 50	< 130	< 250	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--

TABLE 1
GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-5	10/18/2010	100.23	55.72	NP	--	44.51	--	< 50.0	< 75	< 380	1.4	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	< 0.0097	< 1.0	--
MW-5	2/3/2011	100.23	40.54	NP	--	59.69	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	<	<	--
MW-5	5/9/2011	100.23	40.30	NP	--	59.93	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	17.3	--	--	--	--
MW-5	8/22/2011	100.23	52.41	NP	--	47.82	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-5	11/15/2011	100.23	56.81	NP	--	43.42	--	< 50.0	< 76	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	32.8	< 10.0	--	--	--
MW-5	2/21/2012	100.23	45.07	NP	--	55.16	--	< 50.0	< 76	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-5	5/10/2012	100.23	42.13	NP	--	58.10	--	< 50.0	< 76	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	24.3	--	--	--	--
MW-5	8/15/2012	100.23	52.76	NP	--	47.47	--	< 50.0	< 75.5	< 377	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-5	11/13/2012	100.23	55.99	NP	--	44.24	--	< 100	< 189	< 189	< 1.0	< 1.0	< 1.0	< 3.0	--	7.8	--	--	--	--
MW-5	1/28/2013	100.23	43.11	NP	--	57.12	--	< 100	< 200	< 200	< 1.0	< 1.0	< 1.0	< 3.0	--	21.1	--	--	--	--
MW-5	5/13/2013	100.23	46.92	NP	--	53.31	--	< 100	< 400	< 400	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-5	11/6/2013	100.23	53.30	NP	--	46.93	--	< 50	< 130	< 250	< 1.0	< 1.0	< 1.0	< 3.0	--	1.4	--	--	--	--
MW-5	8/27/2014	100.23	55.40	NP	--	44.83	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-5	3/4/2015	100.23	45.29	NP	--	54.94	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-5	8/12/2015	100.23	58.58	NP	--	41.65	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-5	1/27/2016	100.23	37.90	NP	--	62.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/16/2016	100.23	47.76	NP	--	52.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/11/2016	100.23	53.17	NP	--	47.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/31/2016	100.23	54.85	NP	--	45.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/29/2016	100.23	46.51	NP	--	53.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/12/2017	100.23	--	--	--	--	NG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/7/2017	100.23	40.77	NP	--	59.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/20/2017	100.23	54.10	NP	--	46.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	12/4/2017	100.23	47.38	NP	--	52.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/26/2018	100.23	39.37	NP	--	60.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/6/2018	100.23	47.26	NP	--	52.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/5/2018	100.23	56.77	NP	--	43.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/7/2018	100.23	--	--	--	--	NG	--	--	--	--	--	--	--	--	11	--	--	--	--
MW-5	12/3/2018	100.23	57.03	NP	--	43.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	12/5/2018	100.23	--	--	--	--	NG	--	--	--	--	--	--	--	--	1.9	< 1.0	--	--	--
MW-5	6/19/2019	100.23	55.60	NP	--	44.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	12/17/2019	100.23	60.56	NP	--	39.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/24/2020	100.23	45.30	NP	--	54.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/9/2021	100.23	39.88	NP	--	60.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/21/2023	100.23	50.15	NP	--	50.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/18/2010	99.68	54.94	NP	--	44.74	--	< 50.0	< 76	< 380	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	< 0.0097	< 1.0	--
MW-6	2/3/2011	99.68	39.72	NP	--	59.96	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	<	<	--
MW-6	5/9/2011	99.68	39.73	NP	--	59.95	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-6	8/22/2011	99.68	51.62	NP	--	48.06	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-6	11/15/2011	99.68	56.05	NP	--	43.63	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	76.1	< 10.0	--	--	--
MW-6	2/21/2012	99.68	44.18	NP	--	55.50	--	< 50.0	< 76	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-6	5/10/2012	99.68	41.00	NP	--	58.68	--	< 50.0	< 77	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-6	8/15/2012	99.68	51.99	NP	--	47.69	--	< 50.0	< 75.5	< 377	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-6	11/13/2012	99.68	56.22	NP	--	43.46	--	< 100	< 182	< 182	< 1.0	< 1.0	< 1.0	< 3.0	--	7	--	--	--	--

TABLE 1
GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-6	1/28/2013	99.68	42.27	NP	--	57.41	--	< 100	< 200	< 200	< 1.0	< 1.0	< 1.0	< 3.0	--	< 3.0	--	--	--	--
MW-6	5/13/2013	99.68	46.13	NP	--	53.55	--	< 100	< 400	< 400	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-6	11/6/2013	99.68	52.49	NP	--	47.19	--	< 50	< 130	< 250	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-6	8/27/2014	99.68	54.93	NP	--	44.75	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-6	3/4/2015	99.68	44.51	NP	--	55.17	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-6	8/11/2015	99.68	57.81	NP	--	41.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/16/2016	99.68	47.01	NP	--	52.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	8/31/2016	99.68	54.09	NP	--	45.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/28/2016	99.68	45.80	NP	--	53.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/6/2017	99.68	40.02	NP	--	59.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/20/2017	99.68	53.35	NP	--	46.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/4/2017	99.68	46.58	NP	--	53.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/26/2018	99.68	38.61	NP	--	61.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/6/2018	99.68	46.49	NP	--	53.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/5/2018	99.68	55.98	NP	--	43.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/3/2018	99.68	56.26	NP	--	43.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/19/2019	99.68	54.77	NP	--	44.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/17/2019	99.68	59.69	NP	--	39.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/24/2020	99.68	44.52	NP	--	55.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/9/2021	99.68	39.01	NP	--	60.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/21/2023	99.68	49.41	NP	--	50.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/18/2010	97.25	52.50	NP	--	44.75	--	4,940	620	< 380	< 1.0	< 1.0	13	37.9	< 1.0	< 10.0	--	< 0.0098	< 1.0	--
MW-7	2/3/2011	97.25	37.30	NP	--	59.95	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	<	<	--
MW-7	5/9/2011	97.25	37.55	NP	--	59.70	--	58.4	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-7	8/22/2011	97.25	49.17	NP	--	48.08	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-7	11/15/2011	97.25	53.59	NP	--	43.66	--	336	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	57.5	< 10.0	--	--	--
MW-7	2/21/2012	97.25	41.72	NP	--	55.53	--	64.8	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	11.2	--	--	--	--
MW-7	5/10/2012	97.25	38.60	NP	--	58.65	--	< 50.0	< 78	< 390	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-7	8/15/2012	97.25	49.54	NP	--	47.71	--	< 50.0	< 75.5	< 377	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-7	11/13/2012	97.25	52.79	NP	--	44.46	--	< 100	< 182	< 182	< 1.0	< 1.0	< 1.0	< 3.0	--	4.5	--	--	--	--
MW-7	1/28/2013	97.25	39.82	NP	--	57.43	--	< 100	< 200	< 200	< 1.0	< 1.0	< 1.0	< 3.0	--	9	--	--	--	--
MW-7	5/13/2013	97.25	43.69	NP	--	53.56	--	< 100	< 390	< 390	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-7	11/6/2013	97.25	50.10	NP	--	47.15	--	< 50	< 130	< 250	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-7	8/28/2014	97.25	52.50	NP	--	44.75	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-7	3/4/2015	97.25	42.05	NP	--	55.20	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-7	8/11/2015	97.25	55.35	NP	--	41.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/16/2016	97.25	44.57	NP	--	52.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/31/2016	97.25	51.62	NP	--	45.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/28/2016	97.25	43.32	NP	--	53.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/6/2017	97.25	37.62	NP	--	59.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/20/2017	97.25	50.92	NP	--	46.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/4/2017	97.25	44.15	NP	--	53.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/26/2018	97.25	36.20	NP	--	61.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/6/2018	97.25	44.03	NP	--	53.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-7	9/5/2018	97.25	53.53	NP	--	43.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/3/2018	97.25	53.79	NP	--	43.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/19/2019	97.25	52.31	NP	--	44.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/17/2019	97.25	57.21	NP	--	40.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/24/2020	97.25	42.07	NP	--	55.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/9/2021	97.25	36.60	NP	--	60.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/21/2023	97.25	46.96	NP	--	50.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	10/18/2010	100.00	55.99	NP	--	44.01	--	20,200	6,500	< 380	1.9	12.8	486	1,560	< 1.0	41	--	0.012	< 1.0	--
MW-8	2/3/2011	100.00	40.62	NP	--	59.38	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 10.0	--	<	<	--
MW-8	5/9/2011	100.00	40.63	NP	--	59.37	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-8	8/22/2011	100.00	52.71	NP	--	47.29	--	3,780	330	< 380	< 1.0	< 1.0	34.7	110	--	16.9	--	--	--	--
MW-8	11/15/2011	100.00	56.97	NP	--	43.03	--	12,500	850	< 380	1.2	1.1	168	388	--	175	< 10.0	--	--	--
MW-8	2/21/2012	100.00	45.09	NP	--	54.91	--	< 50.0	< 76	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-8	5/10/2012	100.00	41.95	NP	--	58.05	--	< 50.0	< 75	< 380	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-8	8/15/2012	100.00	53.05	NP	--	46.95	--	1,140	< 75.5	< 377	< 1.0	< 1.0	1.5	23.7	--	< 10.0	--	--	--	--
MW-8	11/13/2012	100.00	56.20	NP	--	43.80	--	9,880	2,000	< 185	< 1.0	88.8	1.5	208	--	7.4	--	--	--	--
MW-8	1/28/2013	100.00	43.20	NP	--	56.80	--	< 100	< 200	< 200	< 1.0	< 1.0	< 1.0	< 3.0	--	< 3.0	--	--	--	--
MW-8	5/13/2013	100.00	47.13	NP	--	52.87	--	< 100	< 390	< 390	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-8	11/6/2013	100.00	53.58	NP	--	46.42	--	1,200	< 130	< 250	< 1.0	1	11	23	--	1.3	--	--	--	--
MW-8	8/27/2014	100.00	55.95	NP	--	44.05	--	1,700	--	--	< 1.0	< 1.0	16	37	--	2	--	--	--	--
MW-8	10/29/2014	100.00	56.49	NP	--	43.51	--	2,100	--	--	< 1.0	1.5	12	40	--	--	--	--	--	--
MW-8	11/10/2014	--	--	--	--	--	--	3,600	--	--	< 1.0	< 1.0	6.1	31	--	--	--	--	--	--
MW-8	11/11/2014	100.00	55.11	NP	--	44.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/9/2014	100.00	53.11	NP	--	46.89	--	730	--	--	< 1.0	< 1.0	5.4	13	--	--	--	--	--	--
MW-8	3/4/2015	100.00	45.46	NP	--	54.54	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-8	8/11/2015	100.00	58.63	NP	--	41.37	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/27/2016	100.00	37.85	NP	--	62.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/16/2016	100.00	47.98	NP	--	52.02	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-8	8/11/2016	100.00	53.43	NP	--	46.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	8/31/2016	100.00	55.11	NP	--	44.89	--	200	--	--	1.3	< 1.0	2.2	3.9	--	--	--	--	--	--
MW-8	11/29/2016	100.00	46.74	NP	--	53.26	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-8	1/12/2017	100.00	--	--	--	--	NG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/13/2017	100.00	41.78	NP	--	58.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/6/2017	100.00	40.88	NP	--	59.12	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-8	9/20/2017	100.00	54.35	NP	--	45.65	--	340	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-8	12/4/2017	100.00	47.52	NP	--	52.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/5/2017	100.00	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-8	2/26/2018	100.00	39.66	NP	--	60.34	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-8	6/6/2018	100.00	47.75	NP	--	52.25	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-8	9/5/2018	100.00	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/3/2018	100.00	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/19/2019	100.00	55.80	NP	--	44.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/17/2019	100.00	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/24/2020	100.00	45.73	NP	--	54.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-8	2/9/2021	100.00	40.08	NP	--	59.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/1/2022	--	--	--	--	--	--	--	< 130	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/21/2023	100.00	50.46	NP	--	49.54	--	--	< 130	< 250	--	--	--	--	--	--	--	--	--	--
MW-9	5/13/2013	90.49	38.11	NP	--	52.38	--	146	< 400	< 400	< 1.0	< 1.0	< 1.0	< 3.0	--	211	--	--	--	--
MW-9	11/6/2013	90.49	44.35	NP	--	46.14	--	1,900	< 130	< 250	< 1.0	2.8	41	54	--	10	--	--	--	--
MW-9	8/28/2014	90.49	46.80	NP	--	43.69	--	3,600	--	--	< 1.0	7.3	110	140	--	1.3	--	--	--	--
MW-9	10/29/2014	90.49	47.20	NP	--	43.29	--	2,000	--	--	< 1.0	3.7	26	91	--	--	--	--	--	--
MW-9	11/10/2014	--	--	--	--	--	--	1,400	--	--	9.2	1.5	8.3	30	--	--	--	--	--	--
MW-9	11/11/2014	90.49	45.94	NP	--	44.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/9/2014	90.49	44.03	NP	--	46.46	--	1,200	--	--	16	2.4	8.9	34	--	--	--	--	--	--
MW-9	3/4/2015	90.49	36.52	NP	--	53.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/5/2015	--	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-9	8/11/2015	90.49	49.61	NP	--	40.88	--	290	--	--	3.3	< 1.0	8.3	3.5	--	--	--	--	--	--
MW-9	6/15/2016	90.49	38.95	NP	--	51.54	--	400	--	--	2.3	< 1.0	< 1.0	13	--	--	--	--	--	--
MW-9	8/11/2016	90.49	44.30	NP	--	46.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/31/2016	90.49	45.94	NP	--	44.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/28/2016	90.49	37.54	NP	--	52.95	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-9	1/12/2017	90.49	--	--	--	--	NG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/13/2017	90.49	32.86	NP	--	57.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/6/2017	90.49	32.03	NP	--	58.46	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-9	12/4/2017	90.49	38.47	NP	--	52.02	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-9	6/6/2018	90.49	38.69	NP	--	51.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/7/2018	90.49	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-9	9/5/2018	90.49	47.88	NP	--	42.61	--	2,500	--	--	< 2.0	3.3	50	51	--	1.1	< 1.0	< 0.010	< 0.020	--
MW-9	12/3/2018	90.49	47.84	NP	--	42.65	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	< 1.0	< 0.010	< 0.020	--
MW-9	6/19/2019	90.49	46.76	NP	--	43.73	--	1,200	--	--	2.8	< 1.0	10	9.1	--	--	--	--	--	--
MW-9	9/26/2019	90.49	51.62	NP	--	38.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/26/2019	90.49	51.04	NP	--	39.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/17/2019	90.49	50.95	NP	--	39.54	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-9	3/24/2020	90.49	36.61	NP	--	53.88	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-9	2/9/2021	90.49	31.12	NP	--	59.37	--	70	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-9	2/28/2022	--	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-9	3/21/2023	90.49	41.44	NP	--	49.05	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-10	5/13/2013	90.45	38.76	NP	--	51.69	--	6,740	500	< 390	2.2	2.7	118	146	--	< 10.0	--	--	--	--
MW-10	11/6/2013	90.45	44.69	NP	--	45.76	--	4,800	< 250	< 250	57	6.4	95	120	--	2.6	--	--	--	--
MW-10	8/28/2014	90.45	47.06	NP	--	43.39	--	3,600	--	--	< 1.0	6.6	100	120	--	1.5	--	--	--	--
MW-10	10/29/2014	90.45	47.08	NP	--	43.37	--	66	--	--	< 1.0	< 1.0	1.8	< 3.0	--	--	--	--	--	--
MW-10	11/10/2014	--	--	--	--	--	--	5,500	--	--	24	2.6	73	93	--	--	--	--	--	--
MW-10	11/11/2014	90.45	45.90	NP	--	44.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/9/2014	90.45	44.15	NP	--	46.30	--	4,100	--	--	54	5.4	86	100	--	--	--	--	--	--
MW-10	3/4/2015	90.45	37.18	NP	--	53.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/5/2015	--	--	--	--	--	--	5,100	--	--	22	< 5.0	83	100	--	1.9	--	--	--	--
MW-10	8/11/2015	90.45	49.59	NP	--	40.86	--	2,500	--	--	37	4.3	62	70	--	--	--	--	--	--

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GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-10	6/15/2016	90.45	39.37	NP	--	51.08	--	2,300	--	--	19	2.4	45	50	--	--	--	--	--	--
MW-10	8/11/2016	90.45	44.53	NP	--	45.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/31/2016	90.45	46.05	NP	--	44.40	--	3,100	--	--	31	< 2.0	33	45	--	--	--	--	--	--
MW-10	10/5/2016	90.45	47.91	NP	--	42.54	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-10	10/13/2016	90.45	47.68	NP	--	42.77	--	< 50	--	--	< 2.0	< 2.0	< 2.0	< 6	--	--	--	--	--	--
MW-10	10/26/2016	90.45	44.14	NP	--	46.31	--	130	--	--	1.8	< 1.0	< 1.0	3	--	--	--	--	--	--
MW-10	11/28/2016	90.45	37.85	NP	--	52.60	--	1,900	--	--	26	1.3	23	34	--	--	--	--	--	--
MW-10	1/12/2017	90.45	--	--	--	--	NG	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-10	2/13/2017	90.45	33.38	NP	--	57.07	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-10	6/6/2017	90.45	32.61	NP	--	57.84	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-10	9/20/2017	90.45	45.27	NP	--	45.18	--	3,700	--	--	< 2.0	< 2.0	38	37	--	--	--	--	--	--
MW-10	12/4/2017	90.45	38.77	NP	--	51.68	--	390	--	--	5.9	< 1.0	5.6	7.7	--	--	--	--	--	--
MW-10	2/26/2018	90.45	30.93	NP	--	59.52	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-10	6/6/2018	90.45	38.95	NP	--	51.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/7/2018	90.45	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-10	9/5/2018	90.45	47.93	NP	--	42.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/6/2018	90.45	--	--	--	--	NG	110	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 0.010	< 0.020	--
MW-10	12/3/2018	90.45	47.74	NP	--	42.71	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 0.010	< 0.020	--
MW-10	6/19/2019	90.45	46.76	NP	--	43.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/26/2019	90.45	50.95	NP	--	39.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/17/2019	90.45	50.85	NP	--	39.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/24/2020	90.45	36.81	NP	--	53.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/9/2021	90.45	32.22	NP	--	58.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/1/2022	--	--	--	--	--	--	--	< 130	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/21/2023	90.45	41.65	NP	--	48.80	--	--	< 130	< 250	--	--	--	--	--	--	--	--	--	--
MW-11	5/13/2013	91.67	39.25	NP	--	52.42	--	< 100	< 390	< 390	< 1.0	< 1.0	< 1.0	< 3.0	--	< 10.0	--	--	--	--
MW-11	11/6/2013	91.67	45.54	NP	--	46.13	--	< 50	< 130	< 250	< 1.0	< 1.0	< 1.0	< 3.0	--	4.9	--	--	--	--
MW-11	8/28/2014	91.67	47.90	NP	--	43.77	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	2.1	--	--	--	--
MW-11	11/11/2014	91.67	46.88	NP	--	44.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/9/2014	91.67	44.98	NP	--	46.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/4/2015	91.67	37.69	NP	--	53.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/5/2015	--	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-11	8/12/2015	91.67	50.53	NP	--	41.14	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-11	6/15/2016	91.67	40.10	NP	--	51.57	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-11	8/31/2016	91.67	47.05	NP	--	44.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/28/2016	91.67	38.69	NP	--	52.98	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-11	6/6/2017	91.67	33.30	NP	--	58.37	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-11	12/4/2017	91.67	39.56	NP	--	52.11	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-11	6/6/2018	91.67	39.72	NP	--	51.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/7/2018	91.67	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-11	9/5/2018	91.67	48.82	NP	--	42.85	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-11	12/3/2018	91.67	48.80	NP	--	42.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/4/2018	91.67	--	--	--	--	NG	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-11	6/19/2019	91.67	47.71	NP	--	43.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-11	11/26/2019	91.67	52.02	NP	--	39.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/17/2019	91.67	52.00	NP	--	39.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/24/2020	91.67	37.73	NP	--	53.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/9/2021	91.67	32.29	NP	--	59.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/21/2023	91.67	42.59	NP	--	49.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/13/2013	100.46	47.40	NP	--	53.06	--	17,200	1,100	< 400	8.2	29.6	136	387	--	< 10.0	--	--	--	--
MW-12	11/6/2013	100.46	53.82	NP	--	46.64	--	1,200	< 250	< 250	19	7.2	50	20	--	< 1.0	--	--	--	--
MW-12	7/1/2014	100.46	50.00	NP	--	50.46	--	6,500	--	--	8.8	11	80	140	--	--	--	--	--	--
MW-12	8/27/2014	100.46	56.12	NP	--	44.34	--	1,200	--	--	13	2.9	25	18	--	1.4	--	--	--	--
MW-12	10/29/2014	100.46	56.71	NP	--	43.75	--	3,200	--	--	< 1.0	13	30	140	--	--	--	--	--	--
MW-12	11/10/2014	--	--	--	--	--	--	1,100	--	--	27	< 1.0	8.8	18	--	--	--	--	--	--
MW-12	11/11/2014	100.46	55.28	NP	--	45.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/9/2014	100.46	53.27	NP	--	47.19	--	620	--	--	< 1.0	< 1.0	2.6	< 3.0	--	--	--	--	--	--
MW-12	3/4/2015	100.46	45.68	NP	--	54.78	--	84	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-12	8/12/2015	100.46	58.98	NP	--	41.48	--	830	--	--	10	< 1.0	21	13	--	--	--	--	--	--
MW-12	1/27/2016	100.46	38.04	NP	--	62.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/16/2016	100.46	48.21	NP	--	52.25	--	420	--	--	< 1.0	1.5	3	35	--	--	--	--	--	--
MW-12	8/11/2016	100.46	53.58	NP	--	46.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/31/2016	100.46	55.23	NP	--	45.23	--	990	--	--	1.1	< 1.0	5.2	6.5	--	--	--	--	--	--
MW-12	10/5/2016	100.46	57.36	NP	--	43.10	--	510	--	--	< 1.0	< 1.0	1.1	14	--	--	--	--	--	--
MW-12	10/26/2016	100.46	53.41	NP	--	47.05	--	460	--	--	< 1.0	2.4	2.3	30	--	--	--	--	--	--
MW-12	11/29/2016	100.46	47.02	NP	--	53.44	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-12	1/12/2017	100.46	--	--	--	--	NG	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-12	2/13/2017	100.46	41.98	NP	--	58.48	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-12	6/7/2017	100.46	41.16	NP	--	59.30	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-12	9/20/2017	100.46	54.52	NP	--	45.94	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-12	12/4/2017	100.46	47.71	NP	--	52.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/5/2017	100.46	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-12	2/26/2018	100.46	39.70	NP	--	60.76	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-12	6/6/2018	100.46	47.77	NP	--	52.69	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-12	9/5/2018	100.46	57.16	NP	--	43.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/7/2018	100.46	--	--	--	--	NG	160	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 0.010	< 0.020	--
MW-12	12/3/2018	100.46	57.38	NP	--	43.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/4/2018	100.46	--	--	--	--	NG	320	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 0.010	< 0.020	--
MW-12	6/19/2019	100.46	55.89	NP	--	44.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/17/2019	100.46	60.80	NP	--	39.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/24/2020	100.46	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/9/2021	100.46	40.25	NP	--	60.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/1/2022	--	--	--	--	--	--	--	< 130	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/21/2023	100.46	50.61	NP	--	49.85	--	--	< 130	< 250	--	--	--	--	--	--	--	--	--	--
MW-13	5/13/2013	100.87	47.49	NP	--	53.38	--	5,930	530	< 390	2.1	8.8	132	311	--	< 10.0	--	--	--	--
MW-13	8/27/2014	100.87	56.05	NP	--	44.82	--	4,000	--	--	< 1.0	11	140	200	--	1.5	--	--	--	--
MW-13	3/4/2015	100.87	45.92	NP	--	54.95	--	5,200	--	--	18	16	170	260	--	< 1.0	--	--	--	--

TABLE 1
GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-13	8/12/2015	100.87	58.78	NP	--	42.09	--	2,900	--	--	36	11	110	150	--	--	--	--	--	--
MW-13	1/27/2016	100.87	38.32	NP	--	62.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	6/16/2016	100.87	48.22	NP	--	52.65	--	920	--	--	< 1.0	3.1	15	30	--	--	--	--	--	--
MW-13	8/11/2016	100.87	53.53	NP	--	47.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	8/31/2016	100.87	55.12	NP	--	45.75	--	430	--	--	< 1.0	< 1.0	2.9	4.8	--	--	--	--	--	--
MW-13	10/5/2016	100.87	57.18	NP	--	43.69	--	3,300	--	--	8.8	7.8	84	160	--	--	--	--	--	--
MW-13	10/13/2016	100.87	57.01	NP	--	43.86	--	910	--	--	< 2.0	17	370 E	780 E	--	--	--	--	--	--
MW-13	10/26/2016	100.87	53.31	NP	--	47.56	--	150	--	--	< 1.0	< 1.0	< 1.0	3.3	--	--	--	--	--	--
MW-13	11/29/2016	100.87	46.84	NP	--	54.03	--	67	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-13	1/12/2017	100.87	--	--	--	--	NG	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-13	2/13/2017	100.87	42.55	NP	--	58.32	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-13	6/7/2017	100.87	--	--	--	--	NO	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/20/2017	100.87	54.39	NP	--	46.48	--	280	--	--	1.4	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-13	12/4/2017	100.87	47.63	NP	--	53.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	12/5/2017	100.87	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	3.4	--	--	--	--	--	--
MW-13	2/26/2018	100.87	39.76	NP	--	61.11	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-13	6/6/2018	100.87	47.73	NP	--	53.14	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-13	9/5/2018	100.87	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	12/3/2018	100.87	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	6/19/2019	100.87	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	12/17/2019	100.87	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	3/24/2020	100.87	45.74	NP	--	55.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	2/9/2021	100.87	40.21	NP	--	60.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	3/21/2023	100.87	50.04	NP	--	50.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	8/28/2014	89.53	45.70	NP	--	43.83	--	420	--	--	< 1.0	< 1.0	1.2	< 3.0	--	2	--	--	--	--
MW-14	3/4/2015	89.53	35.82	NP	--	53.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/5/2015	--	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-14	8/11/2015	89.53	48.20	NP	--	41.33	--	59	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	6/15/2016	89.53	38.00	NP	--	51.53	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	8/11/2016	89.53	43.13	NP	--	46.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	8/31/2016	89.53	44.69	NP	--	44.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/28/2016	89.53	36.44	NP	--	53.09	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	2/13/2017	89.53	32.08	NP	--	57.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/6/2017	89.53	31.46	NP	--	58.07	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	12/4/2017	89.53	37.47	NP	--	52.06	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	6/6/2018	89.53	37.81	NP	--	51.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/7/2018	89.53	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	9/5/2018	--	--	--	--	--	--	4,500	--	--	28	8	5.2	20	--	--	--	--	--	--
MW-14	9/7/2018	89.53	46.54	NP	--	42.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/3/2018	89.53	46.35	NP	--	43.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/4/2018	--	--	--	--	--	--	230	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	4/29/2019	89.53	40.72	NP	--	48.81	--	91	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	6/19/2019	89.53	45.46	NP	--	44.07	--	940	--	--	2.2	< 1.0	1.5	< 3.0	--	--	--	--	--	--
MW-14	9/26/2019	89.53	50.22	NP	--	39.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-14	11/26/2019	89.53	49.62	NP	--	39.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/17/2019	89.53	49.46	NP	--	40.07	--	300	--	--	< 1.0	< 1.0	1.3	< 3.0	--	--	--	--	--	--
MW-14	3/24/2020	89.53	35.81	NP	--	53.72	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	2/9/2021	89.53	30.40	NP	--	59.13	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	2/28/2022	--	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-14	3/21/2023	89.53	40.30	NP	--	49.23	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	8/28/2014	86.62	44.56	NP	--	42.06	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-15	3/4/2015	86.62	35.63	NP	--	50.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/5/2015	--	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-15	8/11/2015	86.62	46.62	NP	--	40.00	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	6/15/2016	86.62	37.29	NP	--	49.33	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	8/11/2016	86.62	41.91	NP	--	44.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/31/2016	86.62	43.29	NP	--	43.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/28/2016	86.62	35.15	NP	--	51.47	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	1/12/2017	86.62	--	--	--	--	NG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/6/2017	86.62	31.69	NP	--	54.93	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	12/4/2017	86.62	36.41	NP	--	50.21	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	6/6/2018	86.62	37.50	NP	--	49.12	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	9/5/2018	86.62	45.10	NP	--	41.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/7/2018	86.62	--	--	--	--	NG	110	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	12/3/2018	86.62	44.29	NP	--	42.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/4/2018	86.62	--	--	--	--	NG	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-15	6/19/2019	86.62	44.10	NP	--	42.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/26/2019	86.62	47.45	NP	--	39.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/17/2019	86.62	46.98	NP	--	39.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/24/2020	86.62	35.44	NP	--	51.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/9/2021	86.62	30.18	NP	--	56.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/28/2022	--	--	--	--	--	--	--	< 130	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/21/2023	86.62	39.15	NP	--	47.47	--	--	210	< 250	--	--	--	--	--	--	--	--	--	--
MW-16	8/28/2014	86.77	44.07	NP	--	42.70	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-16	3/4/2015	86.77	34.72	NP	--	52.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/5/2015	--	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	< 1.0	--	--	--	--
MW-16	8/11/2015	86.77	46.30	NP	--	40.47	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-16	6/15/2016	86.77	36.64	NP	--	50.13	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-16	8/11/2016	86.77	41.45	NP	--	45.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/31/2016	86.77	42.94	NP	--	43.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/28/2016	86.77	34.69	NP	--	52.08	--	69	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-16	6/6/2017	86.77	30.66	NP	--	56.11	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-16	12/4/2017	86.77	35.85	NP	--	50.92	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-16	6/6/2018	86.77	36.66	NP	--	50.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/7/2018	86.77	--	--	--	--	--	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-16	9/5/2018	86.77	44.71	NP	--	42.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/7/2018	86.77	--	--	--	--	NG	100	--	--	< 1.0	1.2	< 1.0	< 3.0	--	--	--	--	--	--

TABLE 1
GROUNDWATER ANALYTICAL AND GAUGING DATA
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST, LACEY, WA 98503

Well I.D.	Date	GROUNDWATER GAUGING DATA						GROUNDWATER ANALYTICAL DATA												
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	TPH- Gasoline (ug/L)	TPH-Diesel (ug/L)	TPH-Oil (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	MTBE (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	EDB (ug/L)	EDC (ug/L)	Naphthalene (ug/L)
MTCA Method A Cleanup Levels								800 **	500	500	5	1000	700	1000	20	15	15	0.01	5	--
MW-16	12/3/2018	86.77	44.15	NP	--	42.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/4/2018	86.77	--	--	--	--	NG	< 50	--	--	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	--	--
MW-16	6/19/2019	86.77	43.72	NP	--	43.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/26/2019	86.77	47.35	NP	--	39.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/17/2019	86.77	47.03	NP	--	39.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/24/2020	86.77	34.59	NP	--	52.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/9/2021	86.77	29.28	NP	--	57.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/21/2023	86.77	38.66	NP	--	48.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

TOC - Top of Casing
ft - feet
NP - No Product
LNAPL - Light Non-Aqueous Phase Liquid
* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
LPH-Liquid Phase Hydrocarbons
-- No Information Available
Dry - Well Dry
ABD - Well Abandoned
NG - Not Gauged
NO - Natural Obstruction (ice, snow, flooded, etc)

Notes:

Results in bold exceed the action level
< = Not detected at or above indicated laboratory reporting limit
ug/L = micrograms per liter
TPH-G = Total petroleum hydrocarbons as gasoline by Method NWTPH-Gx
TPH-D = Total petroleum hydrocarbons as diesel by NWTPH-Dx; after the 2/16/2016 event, all samples are analyzed without silica gel cleanup
TPH-O = Total petroleum hydrocarbons as oil by NWTPH-Dx
BTEX Compounds analyzed by EPA Method 8260
MTBE = Methyl-tert-butyl Ether analyzed by EPA Method 8260
Total lead by EPA Method 6010
Dissolved lead by EPA Method 6010
EDC = 1,2-Dichloroethane analyzed by EPA Method 8260
EDB = 1,2-Dibromoethane analyzed by EPA Method 8260
Naphthalenes by EPA Method 8260

Figures

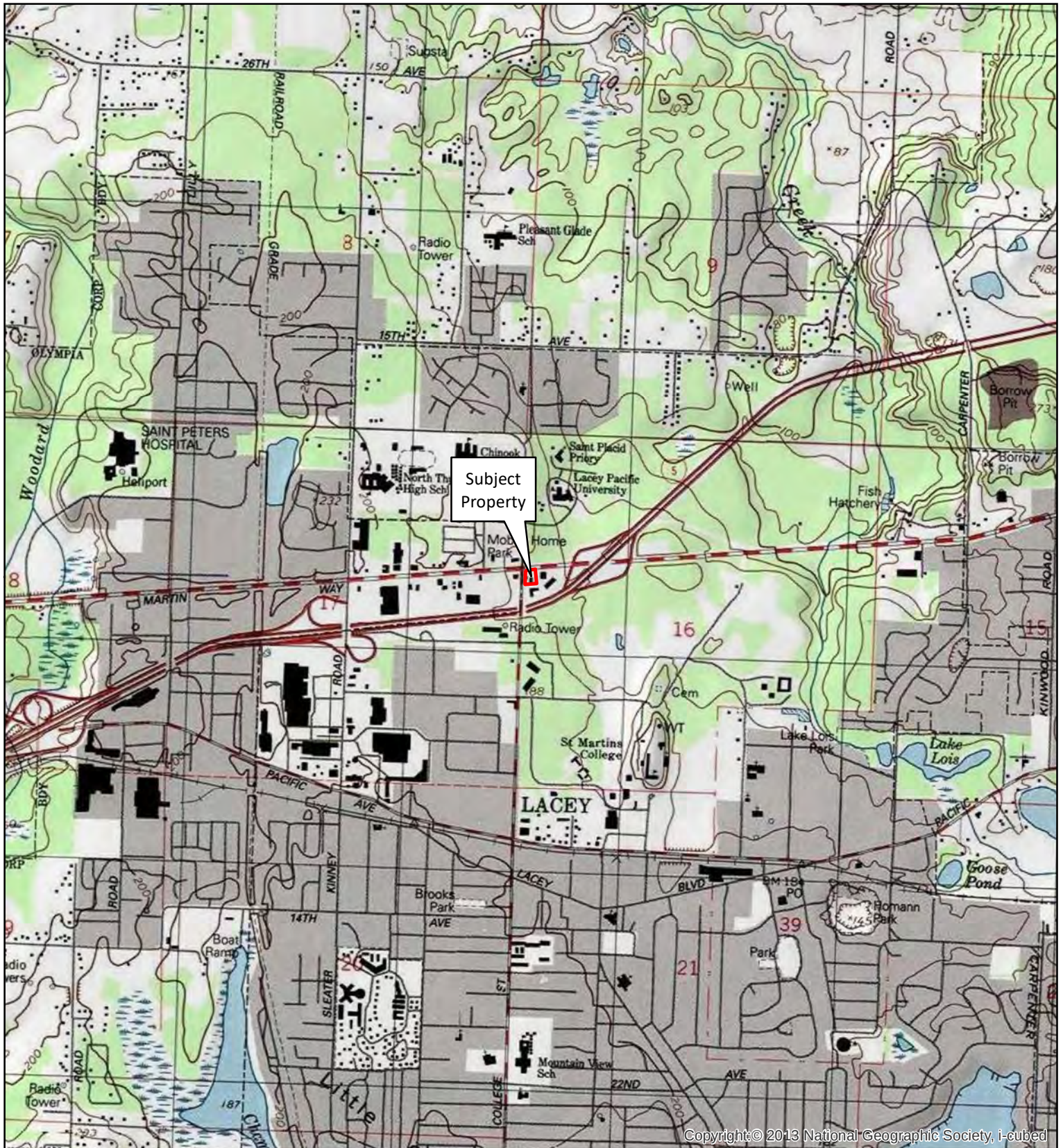
Figure 1 – Site Location Map

Figure 2 - Site Map

Figure 3 - Groundwater Elevation Contour Map – 3/21/2023

Figure 4 - Groundwater Hydrocarbon Distribution Map – 3/21/2023

Figure 5 – Groundwater Flow Direction Rose Diagram



USGS 7.5-minute
Topographic Series
Lacey, Washington

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

FIGURE 1

SITE LOCATION MAP
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST
LACEY, WASHINGTON

PROJECT NO.
2705497 - Lacey

PREPARED BY
MB

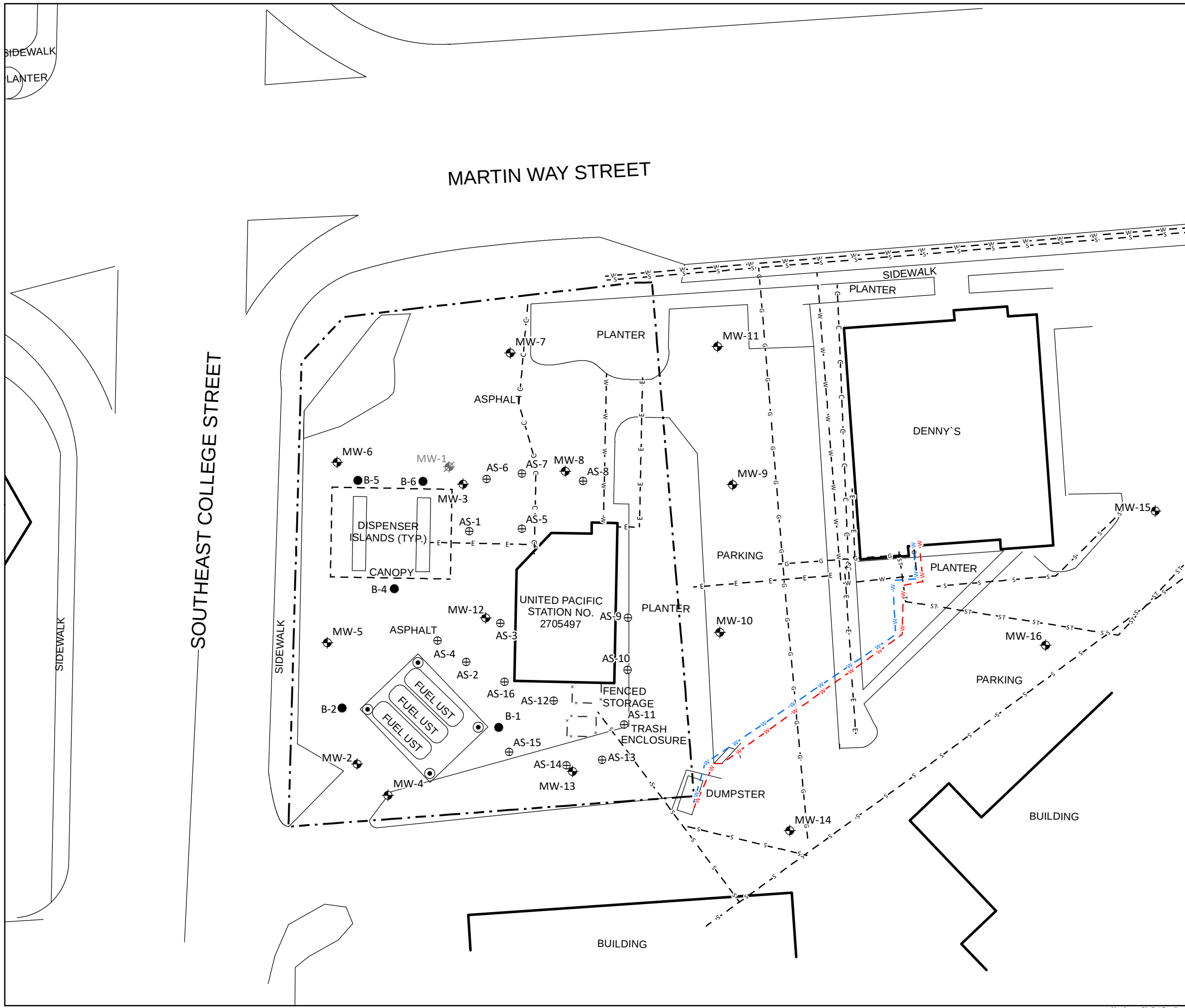
REF SCALE
1:24,000

DATE
4/23/2021

REVIEWED BY
NH

MAP SCALE
1 INCH = 2,000 FEET





- Legend**
- Monitoring Well
 - Abandoned Monitoring Well
 - Soil Boring Location
 - Air Sparge Location
 - Observation Well Location
 - Property Boundary
 - Site Features
 - Buildings
 - Canopy
 - Fence
 - Electric Line
 - Communication Line
 - Water Line
 - Hot Water Line
 - Cold Water Line
 - Gas Line
 - Sanitary Sewer
 - Storm Sewer



FIGURE 2			
SITE MAP			
UNITED PACIFIC STATION NO. 2705497			
102 COLLEGE STREET SOUTHEAST			
LACEY, WASHINGTON			
PROJECT NO.	PREPARED BY	REF SCALE	
2705497 - Lacey	MB	1:480	
DATE	REVIEWED BY	MAP SCALE	
4/23/2021	NH	1 inch = 40 feet	



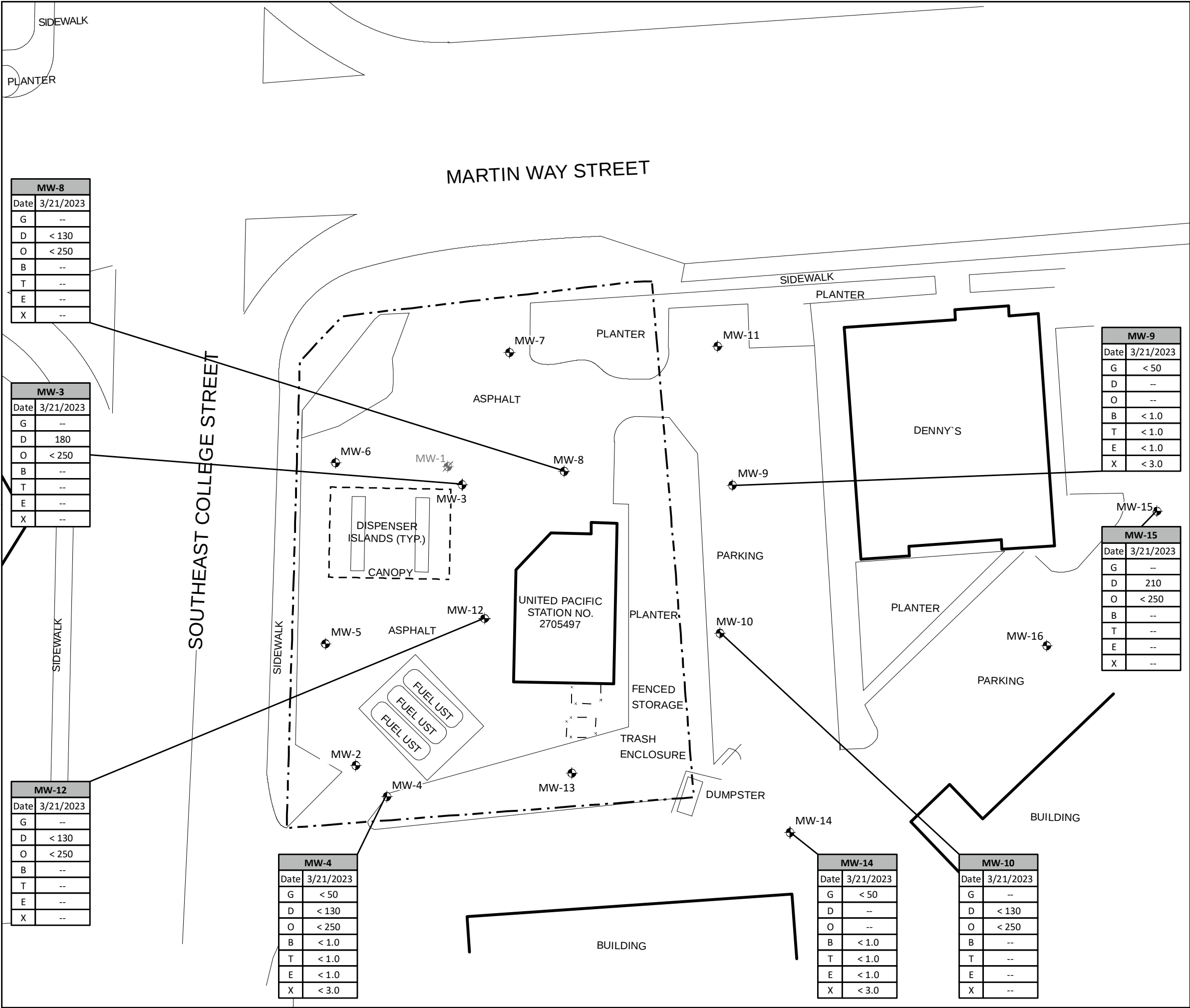
- Legend**
- Monitoring Well
 - Abandoned Monitoring Well
 - Property Boundary
 - Site Features
 - Buildings
 - Canopy
 - Fence
 - Groundwater Elevation Contours (ft)
 - Inferred Groundwater Flow Direction
 - (47.47) Groundwater Elevation Value
 - 50.0 Groundwater Elevation Contour Value

Contour Interval = 1 foot
Approximate site wide average
groundwater gradient is 0.01 ft/ft

* - Well Not included in contours



FIGURE 3			
GROUNDWATER ELEVATION CONTOUR MAP - 3/21/2023			
UNITED PACIFIC STATION NO. 2705497			
102 COLLEGE STREET SOUTHEAST			
LACEY, WASHINGTON			
PROJECT NO.	PREPARED BY	REF SCALE	
2705497 - Lacey	MDE	1:480	
DATE	REVIEWED BY	MAP SCALE	
2/6/2024	MR	1 inch = 40 feet	



Legend

- Monitoring Well
- Abandoned Monitoring Well
- Property Boundary
- Site Features
- Buildings
- Canopy
- Fence

G - Gasoline Range Organics
D - Diesel Range Organics
O - Oil Range Organics
B - Benzene
T - Toluene
E - Ethylbenzene
X - Total Xylenes
< - less than laboratory indicated reporting limits
Concentrations in micrograms per liter (µg/L)

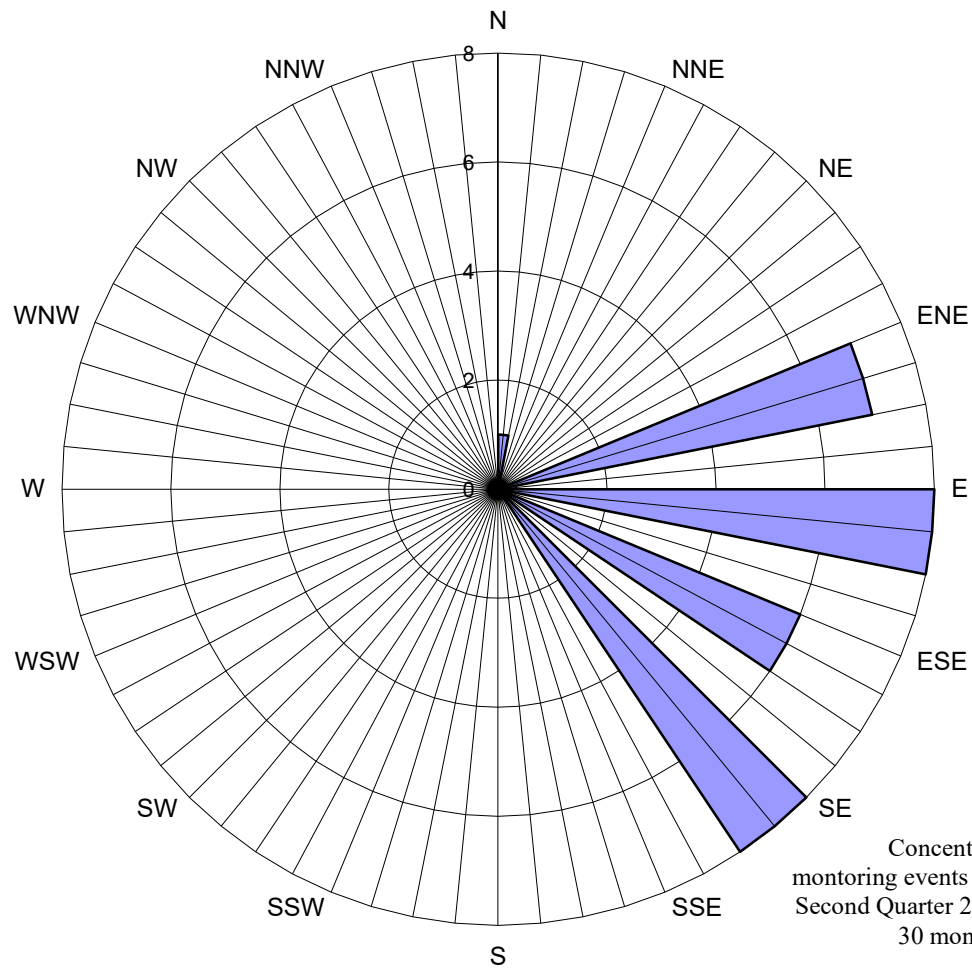
0 20 40 80 120 Feet

N

FIGURE 4
GROUNDWATER HYDROCARBON DISTRIBUTION MAP - 3/21/2023
UNITED PACIFIC STATION NO. 2705497
102 COLLEGE STREET SOUTHEAST
LACEY, WASHINGTON

PROJECT NO. 2705497 - Lacey	PREPARED BY MDE	REF SCALE 1:480	
DATE 1/25/2024	REVIEWED BY MR	MAP SCALE 1 inch = 40 feet	

Figure 5
Groundwater Flow Direction Rose Diagram
United Pacific Station No. 2705497
102 College Street Southeast
Lacey, Washington



Legend
Concentric circles represent 2
monitoring events with determinable flow directions
Second Quarter 2011 through First Quarter 2023
30 monitoring events shown

■ Groundwater Flow Direction

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



April 4, 2023

Ms. Megan Richard
Antea Group
18378-B Redmond Way
Redmond, WA 98052-5012

Dear Ms. Richard,

On March 22nd, 9 samples were received by our laboratory and assigned our laboratory project number EV23030160. The project was identified as your ELT - 5497_Lacey WA. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer
Laboratory Director

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group 18378-B Redmond Way Redmond, WA 98052-5012	DATE:	4/4/2023
		ALS JOB#:	EV23030160
		ALS SAMPLE#:	EV23030160-01
CLIENT CONTACT:	Megan Richard	DATE RECEIVED:	03/22/2023
CLIENT PROJECT:	ELT - 5497_Lacey WA	COLLECTION DATE:	3/21/2023 1:40:00 PM
CLIENT SAMPLE ID	MW-3_20230321	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	180	130	1	UG/L	03/25/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/25/2023	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	78.0	03/25/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group	DATE:	4/4/2023
	18378-B Redmond Way	ALS JOB#:	EV23030160
	Redmond, WA 98052-5012	ALS SAMPLE#:	EV23030160-02
CLIENT CONTACT:	Megan Richard	DATE RECEIVED:	03/22/2023
CLIENT PROJECT:	ELT - 5497_Lacey WA	COLLECTION DATE:	3/21/2023 3:00:00 PM
CLIENT SAMPLE ID	MW-4_20230321	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	04/03/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	04/03/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/25/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/25/2023	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	84.1	04/03/2023	GAP
TFT	EPA-8021	96.2	04/03/2023	GAP
C25	NWTPH-DX	95.7	03/25/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group	DATE:	4/4/2023
	18378-B Redmond Way	ALS JOB#:	EV23030160
	Redmond, WA 98052-5012	ALS SAMPLE#:	EV23030160-03
CLIENT CONTACT:	Megan Richard	DATE RECEIVED:	03/22/2023
CLIENT PROJECT:	ELT - 5497_Lacey WA	COLLECTION DATE:	3/21/2023 12:45:00 PM
CLIENT SAMPLE ID	MW-8_20230321	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/26/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/26/2023	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	91.1	03/26/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group	DATE:	4/4/2023
	18378-B Redmond Way	ALS JOB#:	EV23030160
	Redmond, WA 98052-5012	ALS SAMPLE#:	EV23030160-04
CLIENT CONTACT:	Megan Richard	DATE RECEIVED:	03/22/2023
CLIENT PROJECT:	ELT - 5497_Lacey WA	COLLECTION DATE:	3/21/2023 11:30:00 AM
CLIENT SAMPLE ID	MW-9_20230321	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	04/03/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	04/03/2023	GAP

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	93.0	04/03/2023	GAP
TFT	EPA-8021	105	04/03/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group	DATE:	4/4/2023
	18378-B Redmond Way	ALS JOB#:	EV23030160
	Redmond, WA 98052-5012	ALS SAMPLE#:	EV23030160-05
CLIENT CONTACT:	Megan Richard	DATE RECEIVED:	03/22/2023
CLIENT PROJECT:	ELT - 5497_Lacey WA	COLLECTION DATE:	3/21/2023 10:40:00 AM
CLIENT SAMPLE ID	MW-10_20230321	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/26/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/26/2023	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	89.8	03/26/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group 18378-B Redmond Way Redmond, WA 98052-5012	DATE:	4/4/2023
		ALS JOB#:	EV23030160
CLIENT CONTACT:	Megan Richard	ALS SAMPLE#:	EV23030160-06
CLIENT PROJECT:	ELT - 5497_Lacey WA	DATE RECEIVED:	03/22/2023
CLIENT SAMPLE ID	MW-12_20230321	COLLECTION DATE:	3/21/2023 2:30:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	03/26/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/26/2023	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	87.3	03/26/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group	DATE:	4/4/2023
	18378-B Redmond Way	ALS JOB#:	EV23030160
	Redmond, WA 98052-5012	ALS SAMPLE#:	EV23030160-07
CLIENT CONTACT:	Megan Richard	DATE RECEIVED:	03/22/2023
CLIENT PROJECT:	ELT - 5497_Lacey WA	COLLECTION DATE:	3/21/2023 9:40:00 AM
CLIENT SAMPLE ID	MW-14_20230321	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	04/03/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	04/03/2023	GAP

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	93.0	04/03/2023	GAP
TFT	EPA-8021	105	04/03/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group	DATE:	4/4/2023
	18378-B Redmond Way	ALS JOB#:	EV23030160
	Redmond, WA 98052-5012	ALS SAMPLE#:	EV23030160-08
CLIENT CONTACT:	Megan Richard	DATE RECEIVED:	03/22/2023
CLIENT PROJECT:	ELT - 5497_Lacey WA	COLLECTION DATE:	3/21/2023 8:40:00 AM
CLIENT SAMPLE ID	MW-15_20230321	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	210	130	1	UG/L	03/27/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	03/27/2023	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	89.0	03/27/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group	DATE:	4/4/2023
	18378-B Redmond Way	ALS JOB#:	EV23030160
	Redmond, WA 98052-5012	ALS SAMPLE#:	EV23030160-09
CLIENT CONTACT:	Megan Richard	DATE RECEIVED:	03/22/2023
CLIENT PROJECT:	ELT - 5497_Lacey WA	COLLECTION DATE:	3/21/2023
CLIENT SAMPLE ID	Trip-Blank_20230321	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	04/03/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	04/03/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	04/03/2023	GAP

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	93.7	04/03/2023	GAP
TFT	EPA-8021	107	04/03/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT:	Antea Group	DATE:	4/4/2023
	18378-B Redmond Way	ALS SDG#:	EV23030160
	Redmond, WA 98052-5012	WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Megan Richard		
CLIENT PROJECT:	ELT - 5497_Lacey WA		

LABORATORY BLANK RESULTS
MBG-040323W - Batch 191782 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	04/03/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-040323W - Batch 191782 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	04/03/2023	GAP
Toluene	EPA-8021	U	UG/L	1.0	04/03/2023	GAP
Ethylbenzene	EPA-8021	U	UG/L	1.0	04/03/2023	GAP
Xylenes	EPA-8021	U	UG/L	3.0	04/03/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB2-032423W - Batch 191349 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	UG/L	130	03/25/2023	DHM
TPH-Oil Range	NWTPH-DX	U	UG/L	250	03/25/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: Antea Group
18378-B Redmond Way
Redmond, WA 98052-5012
DATE: 4/4/2023
ALS SDG#: EV23030160
WDOE ACCREDITATION: C601
CLIENT CONTACT: Megan Richard
CLIENT PROJECT: ELT - 5497_Lacey WA

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 191782 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Volatile Range - BS	NWTPH-GX	96.3			66.5	122.7	04/03/2023	GAP
TPH-Volatile Range - BSD	NWTPH-GX	99.6	3		66.5	122.7	04/03/2023	GAP

ALS Test Batch ID: 191782 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Benzene - BS	EPA-8021	102			83	120	04/03/2023	GAP
Benzene - BSD	EPA-8021	108	6		83	120	04/03/2023	GAP
Toluene - BS	EPA-8021	97.6			85	115	04/03/2023	GAP
Toluene - BSD	EPA-8021	104	6		85	115	04/03/2023	GAP
Ethylbenzene - BS	EPA-8021	102			85	113	04/03/2023	GAP
Ethylbenzene - BSD	EPA-8021	109	6		85	113	04/03/2023	GAP
Xylenes - BS	EPA-8021	101			85	116	04/03/2023	GAP
Xylenes - BSD	EPA-8021	108	6		85	116	04/03/2023	GAP

ALS Test Batch ID: 191349 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
TPH-Diesel Range - BS	NWTPH-DX	86.7			67	125.2	03/25/2023	DHM
TPH-Diesel Range - BSD	NWTPH-DX	84.5	3		67	125.2	03/25/2023	DHM

APPROVED BY

Rob Greer
Laboratory Director

EV23030160

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CHAIN-OF-CUSTODY RECORD



ANTEA GROUP PROJECT NO.		ELT - 5497_Lacey WA		PAGE	1	OF	1
PROJECT MANAGER		Megan Richard		TURNAROUND REQUESTED			
PROJECT NAME		ELT - 5497_Lacey WA		☒ NORMAL			
CONTACT NAME		Megan Richard		☐ RUSH			
CONTACT TELEPHONE		206 854 0399					
PROJECT LOCATION		Lacey, WA		EMAIL RESULTS TO: brad.jackson@antea-group.us			
SAMPLER'S SIGNATURE		<i>Somewhat Hair</i>		brad.jackson@antea-group.us			

Lab No.	SAMPLE ID	TIME SAMPLED	DATE SAMPLED	Composite (C); Grab (G)	SAMPLE MATRIX: SOIL(S); AIR (A); BULK (B); AQUEOUS (Q); SLUDGE (L); OTHER (O)	8021BTEX	NWTPH-DX (no sl gel cleanup)	NWTPH-Gx	Methane	Nitrate	Sulfate	Dissolved MN	Total Pb	Dissolved Pb	EDB/EDC	RCRA 8 Metals	NUMBER OF CONTAINERS
1	MW-3_20230321	1340	3/21/2023	G	Q		X										1
2	MW-4_20230321	1500	3/21/2023	G	Q	X	X	X									3
3	MW-8_20230321	1245	3/21/2023	G	Q		X										1
4	MW-9_20230321	1130	3/21/2023	G	Q	X		X									2
5	MW-10_20230321	1040	3/21/2023	G	Q		X										1
6	MW-12_20230321	1430	3/21/2023	G	Q		X										1
7	MW-14_20230321	0940	3/21/2023	G	Q	X		X									2
8	MW-15_20230321	0840	3/21/2023	G	Q		X										1
Waste Characterization																	
9	Trip-Blank_20230321	0000	3/21/2023	G	Q	X	X	X								X	2

GENERAL COMMENTS:												TOTAL NUMBER OF CONTAINERS		14					
1 RELINQUISHED BY (SIGNATURE)				DATE				3/22/23				3 RELINQUISHED BY (SIGNATURE)				DATE			
COMPANY				TIME				1315				COMPANY				TIME			
2 RECEIVED BY (SIGNATURE)				DATE				6/3/23				4 RECEIVED BY (SIGNATURE)				DATE			
COMPANY				TIME				1315				COMPANY				TIME			
5 RELINQUISHED BY (SIGNATURE)				DATE				6 RELINQUISHED BY (SIGNATURE)				DATE							
COMPANY				TIME				COMPANY				TIME							