Ms. Nancy Sawka
Oregon Department of Environmental Quality
4026 Fairview Industrial Drive
Salem, Oregon 97302

Arcadis U.S., Inc.
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Oregon 97232
Tel
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ENVIRONMENT

Subject:
Second Semi-Annual Status Report 2024
Former Chevron Bulk Terminal No. 1001782

Date:
September 24, 2024

Dear Ms. Sawka:

On behalf of Chevron Environmental Management Company (CEMC), Arcadis U.S., Inc. (Arcadis) is submitting the enclosed Second Semi-Annual Status Report of 2024 for the following facility:

Chevron Site No.	DEQ Site No.	Location
1001782	36-90-4071	SE Davis Street and SE Chandler Avenue, McMinnville, Oregon

If you have any questions, please contact Christine Perez at 805-459-2391.

Sincerely,
Arcadis U.S., Inc.

Christine Perez
Project Manager

Contact:
Christine Perez

Phone:
805-459-2391

Email:
Christine.Perez@arcadis.com

Our ref:
30063816

SECOND SEMI-ANNUAL STATUS REPORT 2024

Facility No:	1001782	Address:	SE Davis Street and SE Chandler Avenue, McMinnville, OR

Arcadis Contact Person / Phone No.:	Christine Perez / 805-459-2391
Arcadis Project No.:	30063816
Primary Agency/Regulatory ID No.:	Oregon Department of Environmental Quality (DEQ) / Nancy Sawka / Case No. 36-90-4071

WORK CONDUCTED THIS PERIOD [SECOND HALF 2024]:

1. Conducted semi-annual groundwater gauging and sampling on August 7 and 8, 2024.
2. Prepared the Second Semi-Annual Status Report of 2024.

WORK PROPOSED NEXT PERIOD [FIRST HALF 2025]:

1. Conduct semi-annual groundwater gauging and sampling during the first half of 2025.
2. Prepare the First Semi-Annual Status Report of 2025.

Current Phase of Project:	Groundwater Gauging and Sampling
Frequency of Monitoring/Sampling:	Semi-Annually
Is Separate Light Non-Aqueous Phase Liquid (LNAPL) Present on site?	Yes
LNAPL Detected During the monitoring period (thickness in feet):	0.08 (MW-2) and 0.11 (MW-7)
Approximate Depth to Groundwater (feet below top of casing):	8.07 (MW-9) to 10.46 (MW-4A)
Approximate Groundwater Elevation (feet relative to corresponding datum):	137.27 (MW-8) to 139.32 (MW-9)
Groundwater Flow Direction:	North-northwest
Groundwater Flow Magnitude (feet/foot):	0.016

DISCUSSION

Groundwater monitoring activities were conducted by Blaine Tech Service (BTS) on August 7 and 8, 2024. During the monitoring event, nine wells (MW-1 through MW-3, MW-4A, and MW-5 through MW-9) were gauged for depth to water elevations. Seven wells were then purged and sampled in general accordance with low-flow methodology. Two wells (MW-2 and MW-7) were not sampled due to the

presence of measurable LNAPL. LNAPL was sporadically observed in well MW-2 between 2011 and 2021 and well MW-7 between 2016 and 2021. LNAPL was not observed at the site between February 2022 and February 2024. Field data sheets and the Technical Guidance Instructions for Low Flow Sampling are included in Attachment A.

Groundwater samples were submitted to Pace Analytical, National Center for Testing and Innovation under standard chain-of-custody procedures. Groundwater samples were analyzed for total petroleum hydrocarbons (TPH) in the gasoline range (TPH-G) using Northwest Method NWTPH-Gx, TPH in the diesel range (TPH-D) and residual range (TPH-R) using Northwest Method NWTPHDx-SGT, volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260D, and polynuclear aromatic hydrocarbons (PAHs) using USEPA Method 8270E-SIM.

The site location and site map are presented in Figures 1 and 2, respectively. Groundwater monitoring and analytical data are summarized in Tables 1, 2, and 3 and depicted on Figure 3. Copies of the laboratory analytical report and chain-of-custody are included in Attachment B.

Groundwater analytical results were compared to site specific exposure pathway Oregon DEQ Risk-Based Concentrations (RBCs).[1,2,3] Groundwater analytical results exceeded at least one RBC in the following samples collected on August 7 and 8, 2024: TPH-G exceeded in MW-1 (1,870 micrograms per liter [µg/L]), and MW-5 (2,150 µg/L).

Based on a review of historical groundwater monitoring data collected at the site, Arcadis recommends continuing groundwater monitoring activities on a semi-annual basis to further evaluate groundwater quality and concentration trends. Arcadis will re-evaluate path forward for the site following the soil vapor assessment planned in the second half of 2024, pending access is granted.

Date: September 24, 2024

Christine Perez
Project Manager

Date: September 24, 2024

Brooke Henwood
Registered Geologist

[1] RBCs include volatilization to outdoor air exposure pathways for residential, urban residential, and occupational receptors, vapor intrusion into buildings for commercial receptors, and groundwater in excavation for construction and excavation workers.
[2] Risk-Based Concentrations for Individual Chemicals; Revision: May 2018 revised August 2023
[3] Chronic and Acute Vapor Intrusion Risk-Based Concentrations

ATTACHMENTS:

Table 1 – Groundwater Gauging Results
Table 2 – Groundwater Analytical Results – TPH, Select Volatile Organic Compounds, and Lead
Table 3 – Groundwater Analytical Results – Select Semi-Volatile Organic Compounds

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Groundwater Elevation Contour and Analytical Map – August 7 and 8, 2024

Attachment A – Field Data Sheets and Technical Guidance Instructions
Attachment B – Laboratory Report and Chain-of-Custody Documentation

TABLES

Table 1. Groundwater Gauging Results
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-1	07/09/92	98.67	7.80	--	90.87
MW-1	10/04/00	98.67	7.80	--	90.87
MW-1	03/16/04	98.67	4.05	--	94.62
MW-1	12/02/04	98.67	6.03	--	92.64
MW-1	01/28/05	98.67	3.97	--	94.70
MW-1	04/22/05	98.67	3.87	--	94.80
MW-1	07/29/05	98.67	8.61	--	90.06
MW-1	11/10/05	98.67	5.28	--	93.39
MW-1	02/16/06	98.67	5.54	--	93.13
MW-1	06/23/06	98.67	7.30	--	91.37
MW-1	09/21/06	98.67	9.84	--	88.83
MW-1	06/08/10	98.67	3.58	--	95.09
MW-1	09/07/10	98.67	7.67	--	91.00
MW-1	12/08/10	98.67	3.58	--	95.09
MW-1	03/07/11	98.67	3.48	--	95.19
MW-1	06/30/11	98.67	7.51	--	91.16
MW-1	09/13/11	98.67	6.85	--	91.82
MW-1	12/08/11	98.67	4.95	--	93.72
MW-1	03/06/12	98.67	3.71	--	94.96
MW-1	06/06/12	98.67	5.51	--	93.16
MW-1	09/10/12	98.67	8.45	--	90.22
MW-1	12/04/12	98.67	2.54	--	96.13
MW-1	03/12/13	98.67	4.90	--	93.77
MW-1	06/12/13	98.67	6.17	--	92.50
MW-1	09/10/13	98.67	7.40	--	91.27
MW-1	01/18/14	98.67	4.40	--	94.27
MW-1	03/05/14	98.67	3.20	--	95.47
MW-1	06/05/14	98.67	6.78	--	91.89
MW-1	09/16/14	98.67	9.19	--	89.48
MW-1	10/12/14	98.67	3.30	--	95.37
MW-1	09/03/15	147.18	5.84	--	141.34
MW-1	10/06/15	147.18	7.19	--	139.99
MW-1	09/13/15	147.18	9.38	--	137.80
MW-1	06/12/15	147.18	2.95	--	144.23
MW-1	09/03/16	147.18	3.20	--	143.98
MW-1	06/15/16	147.18	6.05	--	141.13
MW-1	07/09/16	147.18	7.55	--	139.63
MW-1	06/12/16	147.18	2.70	--	144.48
MW-1	03/14/17	147.18	2.85	--	144.33
MW-1	06/15/17	147.18	5.94	--	141.24
MW-1	09/08/17	147.18	7.93	--	139.25
MW-1	12/02/17	147.18	3.20	--	143.98
MW-1	03/12/18	147.18	4.69	--	142.49
MW-1	06/23/18	147.18	7.71	--	139.47
MW-1	09/05/18	147.18	8.09	--	139.09
MW-1	12/02/18	147.18	4.40	--	142.78
MW-1	03/09/19	147.18	4.52	--	142.66

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Former Chevron Bulk Terminal No. 1001782
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McMinnville, Oregon

ARCADIS

Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-1	06/08/19	147.18	5.58	--	141.60
MW-1	09/10/19	147.18	6.88	--	140.30
MW-1	11/02/19	147.18	7.18	--	140.00
MW-1	03/09/20	147.18	5.40	--	141.78
MW-1	09/13/20	147.18	8.50	--	138.68
MW-1	03/08/21	147.18	4.15	--	143.03
MW-1	09/07/21	147.18	10.33	--	136.85
MW-1	02/16/22	147.18	6.95	--	140.23
MW-1	08/17/22	147.18	8.73	--	138.45
MW-1	02/22/23	147.18	6.38	--	140.80
MW-1	08/09/23	147.18	9.98	--	137.20
MW-1	02/15/24	147.18	3.90	--	143.28
MW-1	08/07/24	147.18	8.62	--	138.56
MW-2	07/09/92	99.00	7.39	--	91.61
MW-2	10/04/00	99.00	7.57	--	91.43
MW-2	03/16/04	99.00	3.66	--	95.34
MW-2	12/02/04	99.00	5.61	--	93.39
MW-2	01/28/05	99.00	3.63	--	95.37
MW-2	04/22/05	99.00	3.43	--	95.57
MW-2	07/29/05	99.00	8.20	--	90.80
MW-2	11/10/05	99.00	5.31	--	93.69
MW-2	02/16/06	99.00	5.01	--	93.99
MW-2	06/23/06	99.00	7.18	--	91.82
MW-2	09/21/06	99.00	9.86	--	89.14
MW-2	06/30/11	99.00	7.85	--	91.15
MW-2	09/13/11	99.00	7.42	0.04	91.61**
MW-2	12/08/11	99.00	4.51	0.02	94.51**
MW-2	03/06/12	99.00	4.07	0.04	94.96**
MW-2	06/06/12	99.00	6.10	0.02	92.92**
MW-2	09/10/12	99.00	9.03	0.03	89.99**
MW-2	12/04/12	99.00	2.99	0.02	96.03**
MW-2	03/12/13	99.00	4.38	--	94.62
MW-2	06/12/13	99.00	6.56	--	92.44
MW-2	09/10/13	99.00	7.76	sheen	91.24
MW-2	01/18/14	99.00	4.86	--	94.14
MW-2	03/05/14	99.00	3.66	--	95.34
MW-2	06/05/14	99.00	7.18	0.02	91.82**
MW-2	09/16/14	99.00	9.44	--	89.56
MW-2	12/10/14	99.00	3.66	--	95.34
MW-2	03/09/15	147.50	6.27	--	141.23
MW-2	06/10/15	147.50	7.56	--	139.94
MW-2	09/13/15	147.50	9.76	0.03	137.74**
MW-2	12/06/15	147.50	3.34	--	144.16
MW-2	03/09/16	147.50	3.60	--	143.90
MW-2	06/15/16	147.50	6.79	--	140.71

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Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-2	09/07/16	147.50	8.16	--	139.34
MW-2	12/06/16	147.50	3.11	sheen	144.39
MW-2	03/14/17	147.50	2.86	sheen	144.64
MW-2	06/15/17	147.50	6.89	--	140.61
MW-2	09/08/17	147.50	8.26	sheen	139.24
MW-2	12/02/17	147.50	3.61	sheen	143.89
MW-2	03/12/18	147.50	5.12	sheen	142.38
MW-2	06/23/18	147.50	8.05	sheen	139.45
MW-2	09/05/18	147.50	8.41	sheen	139.09
MW-2	12/02/18	147.50	4.83	sheen	142.67
MW-2	03/09/19	147.50	4.96	--	142.54
MW-2	06/08/19	147.50	7.10	0.02	140.42
MW-2	09/10/19	147.50	7.28	--	140.22
MW-2	11/02/19	147.50	7.69	--	139.81
MW-2	03/09/20	147.50	5.85	--	141.65
MW-2	09/13/20	147.50	9.67	0.04	137.83
MW-2	03/08/21	147.50	4.98	--	142.52
MW-2	09/07/21	147.50	11.30	0.22	136.22
MW-2	02/16/22	147.50	6.64	--	140.86
MW-2	08/17/22	147.50	9.12	--	138.38
MW-2	02/22/23	147.50	5.85	--	141.65
MW-2	08/09/23	147.50	10.80	--	136.70
MW-2	02/15/24	147.50	4.28	--	143.22
MW-2	08/07/24	147.50	9.64	0.08	137.87
MW-3	07/09/92	99.10	6.79	--	92.31
MW-3	10/04/00	99.10	7.04	--	92.06
MW-3	03/16/04	99.10	3.08	--	96.02
MW-3	12/02/04	99.10	5.02	--	94.08
MW-3	01/28/05	99.10	3.21	--	95.89
MW-3	04/22/05	99.10	2.85	--	96.25
MW-3	07/29/05	99.10	7.45	--	91.65
MW-3	11/10/05	99.10	4.11	--	94.99
MW-3	02/16/06	99.10	UNABLE TO LOCATE		
MW-3	06/23/06	99.10	UNABLE TO LOCATE		
MW-3	09/21/06	99.10	UNABLE TO LOCATE		
MW-3	06/08/10	99.10	2.71	--	96.39
MW-3	09/07/10	99.10	6.78	--	92.32
MW-3	12/08/10	99.10	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY		
MW-3	03/07/11	99.10	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY		
MW-3	06/30/11	99.10	7.85	--	91.25
MW-3	09/13/11	99.10	7.65	--	91.45
MW-3	12/08/11	99.10	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY		
MW-3	03/06/12	99.10	5.21	--	93.89
MW-3	06/06/12	99.10	6.26	--	92.84
MW-3	09/10/12	99.10	9.17	--	89.93

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Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-3	12/04/12	99.10	3.23	--	95.87
MW-3	03/12/13	99.10	5.49	--	93.61
MW-3	06/12/13	99.10	6.58	--	92.52
MW-3	09/10/13	99.10	7.81	--	91.29
MW-3	01/18/14	99.10	5.05	--	94.05
MW-3	03/05/14	99.10	3.90	--	95.20
MW-3	06/05/14	99.10	7.17	--	91.93
MW-3	09/16/14	99.10	9.46	--	89.64
MW-3	12/10/14	99.10	3.90	--	95.20
MW-3	03/09/15	147.63	6.48	--	141.15
MW-3	06/10/15	147.63	7.71	--	139.92
MW-3	09/13/15	147.63	9.78	--	137.85
MW-3	12/06/15	147.63	3.55	--	144.08
MW-3	03/09/16	147.63	3.75	--	143.88
MW-3	06/15/16	147.63	7.02	--	140.61
MW-3	09/07/16	147.63	8.49	--	139.14
MW-3	12/06/16	147.63	3.28	--	144.35
MW-3	03/14/17	147.63	3.44	--	144.19
MW-3	06/15/17	147.63	6.79	--	140.84
MW-3	09/08/17	147.63	8.20	--	139.43
MW-3	12/02/17	147.63	3.83	--	143.80
MW-3	03/12/18	147.63	5.30	--	142.33
MW-3	06/23/18	147.63	8.10	--	139.53
MW-3	09/05/18	147.63	8.50	--	139.13
MW-3	12/02/18	147.63	5.05	--	142.58
MW-3	03/09/19	147.63	5.14	--	142.49
MW-3	06/08/19	147.63	6.71	--	140.92
MW-3	09/10/19	147.63	7.43	--	140.20
MW-3	11/02/19	147.63	7.74	--	139.89
MW-3	03/09/20	147.63	6.68	--	140.95
MW-3	09/13/20	147.63	9.77	--	137.86
MW-3	03/08/21	147.63	5.60	--	142.03
MW-3	09/07/21	147.63	11.28	--	136.35
MW-3	02/16/22	147.63	6.60	--	141.03
MW-3	08/17/22	147.63	9.29	--	138.34
MW-3	02/22/23	147.63	5.90	--	141.73
MW-3	08/09/23	147.63	10.81	--	136.82
MW-3	02/15/24	147.63	4.97	--	142.66
MW-3	08/07/24	147.63	9.61	--	138.02
MW-4	07/09/92	99.57	7.18	--	92.39
MW-4	03/16/04	99.57	UNABLE TO LOCATE		
MW-4	01/28/05	99.57	UNABLE TO LOCATE		
MW-4	04/22/05	99.57	UNABLE TO LOCATE		
MW-4	07/29/05	99.57	UNABLE TO LOCATE		
MW-4	11/10/05	99.57	UNABLE TO LOCATE - AREA COVERED BY A ROCK PARKING LOT		

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ARCADIS

Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-4	02/16/06	99.57	UNABLE TO LOCATE		
MW-4	06/23/06	99.57	UNABLE TO LOCATE		
MW-4	09/21/06	99.57	UNABLE TO LOCATE		
MW-4	12/04/12	99.57	UNABLE TO LOCATE		
MW-4	09/07/21	99.57	UNABLE TO LOCATE		
MW-4A	02/12/15	148.11	4.30	--	143.81
MW-4A	03/09/15	148.11	6.96	--	141.15
MW-4A	06/10/15	148.11	8.04	--	140.07
MW-4A	09/13/15	148.11	10.36	--	137.75
MW-4A	12/06/15	148.11	UNABLE TO ACCESS		
MW-4A	03/09/16	148.11	3.06	--	145.05
MW-4A	06/15/16	148.11	5.71	--	142.40
MW-4A	09/07/16	148.11	6.40	--	141.71
MW-4A	12/06/16	148.11	2.40	--	145.71
MW-4A	03/14/17	148.11	3.05	--	145.06
MW-4A	06/15/17	148.11	6.52	--	141.59
MW-4A	09/08/17	148.11	8.42	--	139.69
MW-4A	12/02/17	148.11	2.91	--	145.20
MW-4A	03/12/18	148.11	4.84	--	143.27
MW-4A	06/23/18	148.11	8.51	--	139.60
MW-4A	09/05/18	148.11	8.82	--	139.29
MW-4A	12/02/18	148.11	3.96	--	144.15
MW-4A	03/09/19	148.11	4.54	--	143.57
MW-4A	06/08/19	148.11	7.36	--	140.75
MW-4A	09/10/19	148.11	7.13	--	140.98
MW-4A	11/02/19	148.11	7.87	--	140.24
MW-4A	03/09/20	148.11	5.60	--	142.51
MW-4A	09/13/20	148.11	10.29	--	137.82
MW-4A	03/08/21	148.11	4.35	--	143.76
MW-4A	09/07/21	148.11	11.60	--	136.51
MW-4A	02/16/22	148.11	6.41	--	141.70
MW-4A	08/17/22	148.11	9.60	--	138.51
MW-4A	02/22/23	148.11	5.52	--	142.59
MW-4A	08/09/23	148.11	11.28	--	136.83
MW-4A	02/15/24	148.11	4.37	--	143.74
MW-4A	08/07/24	148.11	10.46	--	137.65
MW-5	07/09/92	97.62	7.24	--	90.38
MW-5	10/04/00	97.62	7.33	--	90.29
MW-5	03/16/04	97.62	UNABLE TO LOCATE		
MW-5	01/28/05	97.62	UNABLE TO LOCATE		
MW-5	04/22/05	97.62	UNABLE TO LOCATE		
MW-5	07/29/05	97.62	UNABLE TO LOCATE		
MW-5	11/10/05	97.62	UNABLE TO LOCATE - AREA COVERED BY A ROCK PARKING LOT		
MW-5	02/16/06	97.62	UNABLE TO LOCATE		

Table 1. Groundwater Gauging Results
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-5	06/23/06	97.62	6.19	--	91.43
MW-5	09/21/06	97.62	8.35	--	89.27
MW-5	06/08/10	97.62	2.90	--	94.72
MW-5	09/07/10	97.62	6.38	--	91.24
MW-5	12/08/10	97.62	2.95	--	94.67
MW-5	03/07/11	97.62	2.80	--	94.82
MW-5	06/30/11	97.62	6.31	--	91.31
MW-5	09/13/11	97.62	5.87	--	91.75
MW-5	12/08/11	97.62	4.28	--	93.34
MW-5	03/06/12	97.62	2.98	--	94.64
MW-5	06/06/12	97.62	4.49	--	93.13
MW-5	09/10/12	97.62	7.31	--	90.31
MW-5	12/04/12	97.62	2.42	--	95.20
MW-5	03/12/13	97.62	4.02	--	93.60
MW-5	06/12/13	97.62	5.02	--	92.60
MW-5	09/10/13	97.62	6.22	--	91.40
MW-5	01/18/14	97.62	3.62	--	94.00
MW-5	03/05/14	97.62	2.54	--	95.08
MW-5	06/05/14	97.62	5.70	--	91.92
MW-5	09/16/14	97.62	7.86	--	89.76
MW-5	12/10/14	97.62	2.58	--	95.04
MW-5	03/09/15	146.13	4.81	--	141.32
MW-5	06/10/15	146.13	5.93	--	140.20
MW-5	09/13/15	146.13	8.04	--	138.09
MW-5	12/06/15	146.13	2.33	--	143.80
MW-5	03/09/16	146.13	2.56	--	143.57
MW-5	06/15/16	146.13	4.95	--	141.18
MW-5	09/07/16	146.13	6.38	--	139.75
MW-5	12/06/16	146.13	1.88	--	144.25
MW-5	03/14/17	146.13	2.08	--	144.05
MW-5	06/15/17	146.13	4.89	--	141.24
MW-5	09/08/17	146.13	6.53	--	139.60
MW-5	12/02/17	146.13	2.47	--	143.66
MW-5	03/12/18	146.13	3.70	--	142.43
MW-5	06/23/18	146.13	6.43	--	139.70
MW-5	09/05/18	146.13	6.69	--	139.44
MW-5	12/02/18	146.13	3.54	--	142.59
MW-5	03/09/19	146.13	5.55	--	140.58
MW-5	06/08/19	146.13	5.38	--	140.75
MW-5	09/10/19	146.13	5.64	--	140.49
MW-5	11/02/19	146.13	5.99	--	140.14
MW-5	03/09/20	146.13	4.32	--	141.81
MW-5	09/13/20	146.13	8.14	--	137.99
MW-5	03/08/21	146.13	3.31	--	142.82
MW-5	09/07/21	146.13	9.38	--	136.75
MW-5	02/16/22	146.13	4.90	--	141.23

Table 1. Groundwater Gauging Results
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-5	08/17/22	146.13	7.50	--	138.63
MW-5	02/22/23	146.13	5.82	--	140.31
MW-5	08/09/23	146.13	9.21	--	136.92
MW-5	02/15/24	146.13	3.85	--	142.28
MW-5	08/07/24	146.13	8.14	--	137.99
MW-6	02/12/15	147.87	3.84	--	144.03
MW-6	03/09/15	147.87	6.18	--	141.69
MW-6	06/10/15	147.87	7.71	--	140.16
MW-6	09/13/15	147.87	7.08	--	140.79
MW-6	12/06/15	147.87	2.87	--	145.00
MW-6	03/09/16	147.87	3.31	--	144.56
MW-6	06/15/16	147.87	5.32	--	142.55
MW-6	09/07/16	147.87	5.51	--	142.36
MW-6	12/06/16	147.87	2.69	--	145.18
MW-6	03/14/17	147.87	3.14	--	144.73
MW-6	06/15/17	147.87	5.90	--	141.97
MW-6	09/08/17	147.87	8.32	--	139.55
MW-6	12/02/17	147.87	3.41	--	144.46
MW-6	03/12/18	147.87	4.72	--	143.15
MW-6	06/23/18	147.87	7.84	--	140.03
MW-6	09/05/18	147.87	8.53	--	139.34
MW-6	12/02/18	147.87	4.37	--	143.50
MW-6	03/09/19	147.87	4.29	--	143.58
MW-6	06/08/19	147.87	6.64	--	141.23
MW-6	09/10/19	147.87	5.05	--	142.82
MW-6	11/02/19	147.87	7.46	--	140.41
MW-6	03/09/20	147.87	5.19	--	142.68
MW-6	09/13/20	147.87	9.99	--	137.88
MW-6	03/08/21	147.87	4.30	--	143.57
MW-6	09/07/21	147.87	11.12	--	136.75
MW-6	02/16/22	147.87	5.96	--	141.91
MW-6	08/17/22	147.87	9.35	--	138.52
MW-6	02/22/23	147.87	4.95	--	142.92
MW-6	08/09/23	147.87	10.97	--	136.90
MW-6	02/15/24	147.87	3.85	--	144.02
MW-6	08/07/24	147.87	10.15	--	137.72
MW-7	02/12/15	147.02	2.96	--	144.06
MW-7	03/09/15	147.02	5.71	--	141.31
MW-7	06/10/15	147.02	6.86	--	140.16
MW-7	09/13/15	147.02	8.90	--	138.12
MW-7	12/06/15	147.02	3.23	--	143.79
MW-7	03/09/16	147.02	3.40	--	143.62
MW-7	06/15/16	147.02	5.43	--	141.59
MW-7	09/07/16	147.02	6.83	0.08	140.25**

Table 1. Groundwater Gauging Results
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-7	12/06/16	147.02	2.74	sheen	144.28
MW-7	03/14/17	147.02	2.89	sheen	144.13
MW-7	06/15/17	147.02	5.64	--	141.38
MW-7	09/08/17	147.02	7.16	0.05	139.90**
MW-7	12/02/17	147.02	3.33	--	143.69
MW-7	03/12/18	147.02	4.56	--	142.46
MW-7	06/23/18	147.02	7.28	0.02	139.76**
MW-7	09/05/18	147.02	7.37	sheen	139.65
MW-7	12/02/18	147.02	4.47	sheen	142.55
MW-7	03/09/19	147.02	4.40	--	142.62
MW-7	06/08/19	147.02	6.20	0.02	140.84**
MW-7	09/10/19	147.02	6.22	0.02	140.82**
MW-7	11/02/19	147.02	6.74	--	140.28
MW-7	03/09/20	147.02	5.05	--	141.97
MW-7	09/13/20	147.02	8.99	0.02	138.03
MW-7	03/08/21	147.02	4.15	--	142.87
MW-7	09/07/21	147.02	10.12	0.04	136.90
MW-7	02/16/22	147.02	5.58	--	141.44
MW-7	08/17/22	147.02	8.35	--	138.67
MW-7	02/22/23	147.02	5.23	--	141.79
MW-7	08/09/23	147.02	10.23	--	136.79
MW-7	02/15/24	147.02	3.95	--	143.07
MW-7	08/07/24	147.02	9.02	0.11	138.01
MW-8	12/02/18	147.39	5.24	--	142.15
MW-8	03/09/19	147.39	4.44	--	142.95
MW-8	06/08/19	147.39	6.20	--	141.19
MW-8	09/10/19	147.39	6.85	--	140.54
MW-8	11/02/19	147.39	7.49	--	139.90
MW-8	03/09/20	147.39	4.90	--	142.49
MW-8	09/13/20	147.39	9.77	--	137.62
MW-8	03/08/21	147.39	3.82	--	143.57
MW-8	09/07/21	147.39	10.42	--	136.97
MW-8	02/16/22	147.39	5.55	--	141.84
MW-8	08/17/22	147.39	9.14	--	138.25
MW-8	02/22/23	147.39	5.08	--	142.31
MW-8	08/09/23	147.39	10.73	--	136.66
MW-8	02/15/24	147.39	3.35	--	144.04
MW-8	08/07/24	147.39	10.12	--	137.27
MW-9	09/10/19	147.48	5.05	--	142.43
MW-9	11/02/19	147.48	6.53	--	140.95
MW-9	03/09/20	147.48	4.32	--	143.16
MW-9	09/13/20	147.48	8.24	--	139.24
MW-9	03/08/21	147.48	2.20	--	145.28
MW-9	09/07/21	147.39	9.93	--	137.46
MW-9	02/16/22	147.39	4.74	--	142.65

Table 1. Groundwater Gauging Results
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Well ID	Date	TOC* (ft.)	DTW (ft.)	LNAPL (ft.)	GWE (ft.)
MW-9	08/17/22	147.39	UNABLE TO LOCATE		
MW-9	02/22/23	147.39	4.65	--	142.74
MW-9	08/09/23	147.39	9.03	--	138.36
MW-9	02/15/24	147.39	2.30	--	145.09
MW-9	08/07/24	147.39	8.07	--	139.32

EXPLANATIONS:
DTW = Depth to Water
ft. = Feet
LNAPL = Light Non-Aqueous Phase Liquid
GWE = Groundwater Elevation
-- = Not Measured
TOC = Top of Casing

NOTES:
* TOC elevations are expressed in feet above mean sea level. TOC elevations were surveyed on February 18, 2015 to Yamhill County Benchmark No. 32, Elev. = 147.50

Table 2. Groundwater Analytical Results - TPH, Select Volatile Organic Compounds, and Lead
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Date	Well ID/Date	TPH-G	TPH-D	TPH-O	TPH-R	Benzene	Toluene	Ethyl-benzene	Total Xylenes	1,2-Dichloroethane (EDC)	1,2-Dibromoethane (EDB)	Isopropylbenzene	n-Propylbenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Naphthalene	MTBE	Total Lead	Dissolved Lead
MW-1	07/09/92[4]	--	--	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
MW-1	10/04/00[4]	--	--	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--
MW-1	03/16/04[1]	70	120[7]	<94[7]	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
MW-1	12/02/04[4]	200	<76	<95	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
MW-1	01/28/05[1]	440	160[7]	<100[7]	--	<0.5	<0.5	0.5	<1.0	<0.5	<0.5	2	1	<1	<1	<1	<0.5	--	--
MW-1	04/22/05[1]	72	420[7]	390[7]	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-1	07/29/05	330	510[7]	<99[7]	--	<2.0	0.5	<0.5	<1.5	--	--	--	--	--	--	--	<2.5	--	--
MW-1	11/10/05	82	<180[7]	<220[7]	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	<2.5	--	--
MW-1	02/16/06	960	660[7]	99[7]	--	<0.5	1.0	4.7	2.3	--	--	--	--	--	--	--	<2.5	--	--
MW-1	06/23/06	580	660[7]	300[7]	--	<0.5	0.6	1.7	<3.0	--	--	--	--	--	--	--	<10	--	--
MW-1	09/21/06[7]	130	470[7]	200[7]	--	0.8	0.5	0.3	<3.0	--	--	--	--	--	--	--	<0.3	--	--
MW-1	06/08/10[7,9,10]	280	360[7]	200[7]	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	1	<1	<1	<1	<1	<0.5	--	--
MW-1	09/07/10[7,10]	550	470[7]	<69[7]	--	<0.5[11]	<0.5[11]	0.7[11]	0.8[11]	<0.5	<0.5	2	2	<1	<1	<1	1.8[11]	--	--
MW-1	12/08/10[7,10]	620	490[7]	220[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2	<1	<1	<1	<1	<0.5	--	--
MW-1	03/07/11[10]	970	650[7]	250[7]	--	<0.5	<0.5	2	<0.5	<0.5	<0.5	4	<1	<1	<1	<1	<0.5	--	--
MW-1	06/30/11[10]	1,000	130[7]	<69[7]	--	<0.5	<0.5	0.9	0.5	<0.5	<0.5	6	6	<1	<1	<1	<0.5	--	--
MW-1	09/13/11[10]	990	150[7,13]	67[7,13]	--	<0.5	<0.5	1	--	<0.5	<0.5	3	3	<1	<1	<1	<0.5	--	--
MW-1	12/08/11[10]	640	63[7]	84[7]	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	2	<1	<1	<1	<1	<0.5	--	--
MW-1	03/06/12[1]	1,100	81[7]	100[7]	--	<0.5	<0.5	2	0.7	<0.5	<0.5	3	2	<1	<1	<1	<0.5	--	--
MW-1	06/06/12[1]	640	120[7]	<68[7]	--	<0.5	<0.5	<0.5	<1	<0.5	<0.5	4	4	<1	<1	<1	<0.5	--	--
MW-1	09/10/12[1]	1,500	110[7]	<69[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3	1	1	<1	<1	<0.5	--	--
MW-1	12/04/12[1]	580	41[7]	<67[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	<1	<1	<1	<1	<0.5	--	--
MW-1	03/12/13[1]	480	50[7]	<70[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	<1	<1	<1	<1	<0.5	--	--
MW-1	06/12/13[1]	630	33[7]	<67[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3	3	<1	<1	<1	<0.5	--	--
MW-1	09/10/13[1]	440	40[7]	<70[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2	<1	<1	<1	<1	<0.5	--	--
MW-1	01/18/14[1]	750	51[7]	<67[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2	<1	<1	<1	<1	<0.5	--	--
MW-1	03/05/14[1]	880	57[7]	<67[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	1	<1	<1	<1	<0.5	--	--
MW-1	06/05/14	1,300	74[7]	<67[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	5	<1	<1	<1	<0.5	--	--
MW-1	09/16/14	310	71[7]	<66[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-1	12/10/14	120	<28[7]	<66[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-1	03/09/15	930	59[7]	<100[7]	--	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	3	2	<1	<1	<1	<0.5	--	--
MW-1	06/10/15	1,300	69[7]	<100[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4	3	<1	<1	<1	<0.5	--	--
MW-1	09/13/15	1,800	58[7]	<100[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2	<1	<1	<1	<1	<0.5	--	--
MW-1	12/06/15	2,400	77[7]	<100[7]	--	<0.5	<0.5	1	1	<0.5	<0.5	5	3	<1	<1	<1	<0.5	--	--
MW-1	03/09/16	2,400	50[7]	<100[7]	--	<0.5	<0.5	1	0.8	<0.5	<0.5	4	3	<1	<1	<1	<0.5	--	--
MW-1	06/15/16	860	59[7]	<100[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2	<1	<1	<1	<1	<0.5	--	--
MW-1	09/07/16	1,700	66[7]	<100[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	2	<1	<1	<1	<0.5	--	--
MW-1	12/06/16	1,200	56[7]	<100[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2	<1	<1	<1	<1	<0.5	--	--
MW-1	03/14/17	2,400	61[7]	<100[7]	--	<0.5	<0.5	0.9	0.6	<0.5	<0.5	5	4	<1	<1	<1	<0.5	--	--
MW-1	06/15/17	350	<46[7]	<100[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-1	09/08/17	3,000	82[7]	<100[7]	--	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	6	3	<1	<1	1	<0.5	--	--
MW-1	12/02/17	300	<48[7]	<110[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-1	03/12/18	2,100	50[7]	<100[7]	--	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-1	06/23/18	2,000	48[7]	<100[7]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	4	<1	<1	<1	<0.5	--	--
MW-1	09/05/18	2,600	110[7]	<100[7]	--	<0.2	0.2	0.6	0.5	<2	<0.3	5	4	<0.3	<0.3	<4	<0.2	--	--
MW-1	12/02/18	1,000	<45[7]	<100[7]	--	<0.2	0.2	0.2	<0.5	<2	<0.3	2	0.5	<0.3	<0.3	<4	<0.2	--	--
MW-1	03/09/19	1,200	380[7]	180 J[7]	--	<0.2	0.2 J	0.5 J	0.6 J	<2	<0.3	1 J	0.6 J	<0.3	<0.3	<4	<0.2	--	--
MW-1	06/08/19[1]	300	<45[7]	<100[7]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	2 J	2 J	<0.3	<0.3	<4	<0.2	--	--
MW-1	09/10/19[1]	1,800	<46[7]	<100[7]	--	<0.2	<0.2	0.5 J	<0.8	<2	<0.3	3 J	3 J	<0.3	<0.3	<4	<0.2	--	--
MW-1	11/02/19[1,3]	920	<45	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	5	5	0.7 J	<0.3	<4	<0.2	--	--
MW-1	03/09/20	1,380	<100	<250	--	<1.00	<1.00	0.838 J	<3.00	<1.00	<1.00	4.24	1.88	<1.00	<1.00	<5.00 J0	<1.00	--	--
MW-1	09/13/20	1,560	149	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	3.19	1.75	<1.00	<1.00	<5.00	<1.00	--	--
MW-1	03/08/21	2,560	110	--	<250	<1.00	<1.00	0.599 J	0.585 J	--	--	--	--	--	--	--	<1.00	3.79 J	<6.00
MW-1	09/07/21	1,660	115	--	<250	0.248 J	<1.00	0.313 J	0.453 J	<1.00	<1.00	3.20	0.828 J	<1.00	<1.00	<5.00	<1.00		
MW-1	02/16/22[16]	1,580	113	--	<250	0.0943 J	0.293 J	0.433 J	0.538 J	<1.00	<1.00	3.91	2.63	0.106 J	<1.00	<5.00	<1.00	--	--
MW-1	08/17/22[16]	1,990	57.2 J	--	<250	0.132 J	<1.00	0.226 J	0.503 J	<1.00	<1.00	1.76	0.515 J	<1.00	<1.00	<5.00	<1.00	--	--
MW-1	02/22/23[16]	1,070	87.7 B J	--	113 B J	<1.00	<1.00	0.206 J	0.206 J	<1.00	<1.00	2.09	1.29	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-1	08/09/23[16]	**1,530**	136	--	<250	0.123 J	<1.00	0.447 J	0.523 J	<1.00	<1.00	4.82	2.44	<1.00	<1.00	1.78 C3 J	<1.00	--	--
MW-1	02/15/24[16]	**1,350**	35.3 J J3[7]	--	<250[7]	<1.00	0.294 J	0.495 J	0.731 J	<1.00	<1.00	3.64	3.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-1	08/07/24[16]	**1,870**	128[7]	--	<250[7]	<1.00	<1.00	0.398 J	0.392 J	<1.00	<1.00	3.48	2.56	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-2	07/09/92[4]	--	--	--	--	**315**	39	36	65	--	--	--	--	--	--	--	--	--	--
MW-2	10/04/00[4]	--	--	--	--	168	40.1	155	230	--	--	--	--	--	--	--	ND	--	--
MW-2	03/16/04[1]	9,700	4,700[7]	330[7]	--	130	43	110	120	--	--	--	--	--	--	--	<0.5	--	--
MW-2	12/02/04[4]	5,500	3,600	<95	--	190	44	61	130	--	--	--	--	--	--	--	<0.5	--	--
MW-2	01/28/05[1]	13,000	77,000[7]	<4,800[7]	--	200	37	52	126	<0.5	<0.5	48	48	68	120	3	<0.5	--	--
MW-2	04/22/05[1]	8,400	72,000[7,3]	12,000[7]	--	81	25	54	115	<0.5	<0.5	48	44	4	78	2	<0.5	--	--
MW-2	07/29/05[1]	7,300	210,000[7]	<50,000[7]	--	**290**	57	85	150	--	--	--	--	--	--	--	<13	--	--
MW-2	11/10/05[1]	4,700	12,000[7,3]	<2,500[7]	--	76	13	22	39	<0.5	<0.5	20	26	2	35	4	<0.5	--	--
MW-2	02/16/06[1]	5,100	28,000[7]	<4,900[7]	--	**350**	69	87	208	<0.5	<0.5	69	71	6	160	3	<0.5	--	--
MW-2	06/23/06[1]	9,800	74,000[7]	<4,900[7]	--	**400**	89	120	243	<0.5	<0.5	80	68	5	95	2	<0.5	--	--
MW-2	09/21/06[7]	9,400	16,000[7]	<2,000[7]	--	**370**	45	87	78	<1	<1	97	88	7	57	11	<1	--	--
MW-2	06/30/11[10]	5,900	150,000[7]	<6,800[7]	--	**440**	56	60	52	<0.5	<0.5	72	72	4	9	4	<0.5	--	--
MW-2	09/13/11[10]	LNAPL IN WELL																	
MW-2	12/08/11	LNAPL IN WELL																	
MW-2	03/06/12	LNAPL IN WELL																	
MW-2	06/06/12[1]	LNAPL IN WELL																	
MW-2	09/10/12[1]	LNAPL IN WELL																	
MW-2	12/04/12[1]	LNAPL IN WELL																	
MW-2	03/12/13[1]	**59,000**	110,000[7,12]	<7,000[7,12]	--	130	28	28	49	<1	<1	53	71	6	32	<2	<1[11]	--	--
MW-2	06/12/13[1]	**44,000**	66,000[7,12]	<6,800[7,12]	--	60	30	48	68	<0.5	<0.5	89	120	8	29	2	<0.5	--	--
MW-2	09/10/13[1]	5,700	160,000[7,12]	3,900[7,12]	--	**380**	51	53	44	<0.5	<0.5	62	71	4	7	<1	<0.5	--	--
MW-2	01/18/14[1]	**15,000**	78,000[7,12]	<6,600[7,12]	--	140	28	30	37	4	<1	57	71	4	13	<2	<1	--	--
MW-2	03/05/14[14]	LNAPL IN WELL																	
MW-2	06/05/14	LNAPL IN WELL																	
MW-2	09/16/14[1]	**16,000**	20,000[7,12]	2,100[7,12]	--	**410**	34	30	20	<0.5	<0.5	53	57	1	1	<1	<0.5	--	--
MW-2	12/10/14[1]	**15,000**	27,000[7]	<1,300[7]	--	23	6	10	15.6	<0.5	<0.5	41	62	3	18	<1	<0.5	--	--
MW-2	03/09/15[1]	2,600	3,800[7]	<100[7]	--	96	19	19	18	<0.5	<0.5	39	45	10	2	<1	<0.5	--	--
MW-2	06/10/15[1]	7,400	2,300[7]	<100[7]	--	200	49	47	37	<1	<1	55	62	4	2	<2	<1	--	--
MW-2	09/13/15	LNAPL IN WELL																	
MW-2	12/06/15[1]	5,600	790[7]	<100[7]	--	110	18	19	16	<1	<1	44	52	<2	3	<2	<1	--	--
MW-2	03/09/16[1]	6,700	16,000[7]	<2,100[7]	--	98	22	22	17	<0.5	<0.5	50	59	2	3	<1	<0.5	--	--
MW-2	06/15/16[1]	7,900	35,000[7]	<10,000[7]	--	200	52	55	30	<0.5	<0.5	64	76	2	2	<1	<0.5	--	--
MW-2	09/07/16[1]	7,400	4,800[7]	<500[7]	--	160	40	48	32	<0.5	<0.5	75	88	2	2	<1	<0.5	--	--
MW-2	12/06/16[1]	7,200	2,000[7]	200[7]	--	58	11	12	9.6	<0.5	<0.5	43	58	1	2	<1	<0.5	--	--
MW-2	03/14/17[1]	5,000	850[7]	<100[7]	--	78	18	17	10	<0.5	<0.5	40	47	<1	2	<2	<1	--	--
MW-2	06/15/17[1]	10,000	3,100[7]	<100[7]	--	16	10	17	15.9	<0.5	0.5	59	72	2	2	1	<0.5	--	--
MW-2	09/08/17[1]	11,000	5,900[7]	180[7]	--	160	37	46	31	<1	<1	70	86	2	<2	<2	<1	--	--
MW-2	12/02/17[1]	9,200	19,000[7]	<1,000[7]	--	45	10	12	8.5	<0.5	<0.5	53	71	1	2	1	<0.5	--	--
MW-2	03/12/18[1]	11,000	7,200[7]	<520[7]	--	75	19	21	12.7	<0.5	<0.5	75	64	1	3	<1	<0.5	--	--
MW-2	06/23/18[1]	9,800	14,000[7]	<500[7]	--	160	38	40	26	<0.5	<0.5	68	84	2	1	<1	<0.5	--	--
MW-2	09/05/18[1]	**14,000**	5,400[7]	<100[7]	--	**220**	41	44	27	<2	<0.3	77	96	2	0.7	<4	<0.2	--	--
MW-2	12/02/18[1]	**17,000**	5,100[7]	<100[7]	--	120	24	27	18	<2	<0.3	67	86	1	0.9	<4	<0.2	--	--
MW-2	03/09/19[1]	6,200	18,000[7]	660 J[7]	--	45	7	2	5.5 J	<2	<0.3	9	13	1 J	3 J	<4	<0.2	--	--
MW-2	06/08/19[1]	LNAPL IN WELL																	
MW-2	09/10/19[1]	11,000	2,800[7]	<1,000[7]	--	**250**	35	29	16 J	<4	<0.6	65	83	1 J	1 J	<8	<0.4	--	--
MW-2	11/02/19[1,3]	6,400	3,100	<100	--	190	38	39	21	<2	<0.3	79	96	19	0.7 J	<4	<0.2	--	--
MW-2	03/09/20	**599,000**	1,250,000	--	<125,000	155	39.4 J	37.4 J	<150	<50.0	<50.0	134	222	<50.0	<50.0	<250	<50.0	--	--
MW-2	09/13/20	LNAPL IN WELL																	
MW-2	03/08/21	5,100	1,750	--	<250	61.7	11.2	8.90	4.64 J	--	--	--	--	--	--	--	<5.00	7.54	3.74 J
MW-2	09/07/21	LNAPL IN WELL																	
MW-2	02/16/22[16]	8,670 B	866	--	<250	**213**	32.3	23.4	9.41 J	<5.00	<5.00	49.0	54.0	<5.00	<5.00	<25.0	<5.00	--	--
MW-2	08/17/22[16]	5,950 B	2,580	--	423	**374**	20.4	10.5	5.09 J	<5.00	<5.00	41.8	46.5	<5.00	<5.00	<25.0	<5.00	--	--
MW-2	02/22/23[16]	5,430	1,620	--	208 B J	105	16.8	13.3	5.46 J	<5.00	<5.00	48.9	69.0	<5.00	<5.00	<25.0 C3	<5.00	--	--

Table 2. Groundwater Analytical Results - TPH, Select Volatile Organic Compounds, and Lead
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Date	Well ID/Date	TPH-G	TPH-D	TPH-O	TPH-R	Benzene	Toluene	Ethyl-benzene	Total Xylenes	1,2-Dichloroethane (EDC)	1,2-Dibromoethane (EDB)	Isopropylbenzene	n-Propylbenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Naphthalene	MTBE	Total Lead	Dissolved Lead
MW-2	08/09/23[16]	**9,690**	**5,930**	--	573 B	**397**	25.1	15.2 J	6.74 J	<25.0	<25.0	40.0 C3	48.5	<25.0	<25.0	<125 C3	<25.0	--	--
MW-2	02/15/24[16]	**5,020**	**2,260 J3**[a]	--	<250	**55.6**	12.3 J	11.5 J	10.2 J	<25.0	<25.0	44.2	66.1	16.1 J	14.8 J	<125	<25.0	--	--
MW-2	08/07/24[16]	LNAPL IN WELL																	
MW-3	07/09/92[4]	--	--	--	--	14	ND	ND	2	--	--	--	--	--	--	--	--	--	--
MW-3	10/04/00[4]	--	--	--	--	1.72	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--
MW-3	03/16/04[1]	200	140[2]	100[2]	--	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	2	--	--
MW-3	12/02/04[4]	200	<75	<94	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	2	--	--
MW-3	01/28/05[1]	160	<79[2]	<98[2]	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1	<1	<1	<1	<1	3	--	--
MW-3	04/22/05[1]	150	400[2]	770[2]	--	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<1	<1	<1	<1	<1	3	--	--
MW-3	07/29/05[1]	160	380[2,5]	460[2]	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	<2.5	--	--
MW-3	11/10/05	250	<180[2]	<220[2]	--	2.8	<1.0	<0.5	<1.5	--	--	--	--	--	--	--	3.8	--	--
MW-3	02/16/06	UNABLE TO LOCATE																	
MW-3	06/23/06	UNABLE TO LOCATE																	
MW-3	09/21/06	UNABLE TO LOCATE																	
MW-3	06/08/10[7,10]	530	9102	1,0002	--	12	1.1	<0.5	<1.0	<0.5	<0.5	**2**	<1	<1	<1	<1	0.6	--	--
MW-3	09/07/10[7,10]	620	5802	2802	--	911	1.211	<0.511	<1.511	<0.5	<0.5	**2**	<1	<1	<1	<1	0.711	--	--
MW-3	12/08/10	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY																	
MW-3	03/07/11	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY																	
MW-3	06/30/11[10]	230	57[2]	<67[2]	--	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	09/13/11[10]	400	40[2,13]	<66[2,13]	--	<0.5	<0.5	<0.5	--	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	12/08/11	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY																	
MW-3	03/06/12[1]	480	<28[2]	80[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	06/06/12[1]	<50	30[2]	84[2]	--	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	09/10/12[1]	460	37[2]	<68[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	12/04/12[1]	140	<29[2]	<68[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	03/12/13[1]	140	<30[2]	<70[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	06/12/13[1]	<50	<28[2]	<66[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	09/10/13[1]	98	<30[2]	<70[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	01/18/14[1]	520	<300[2]	<700[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	<1	<1	<1	<1	<0.5	--	--
MW-3	03/05/14[1]	560	<30[2]	<70[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	<1	<1	<1	<1	<0.5	--	--
MW-3	06/05/14[1]	<50	<28[2]	<66[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	09/16/14[1]	440	<29[2]	<67[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	12/10/14[1]	210	<29[2]	<68[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	03/09/15[1]	300	<47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	06/10/15[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	09/13/15[1]	120	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	12/06/15[1]	160	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	03/09/16[1]	810	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	06/15/16[1]	56	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	09/07/16[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	12/06/16[1]	60	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	1	<0.5	--	--
MW-3	03/14/17[1]	810	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	<1	<1	<1	<1	<0.5	--	--
MW-3	06/15/17[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	09/08/17[1]	<50	<47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	12/02/17[1]	200	<48[2]	<110[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	03/12/18[1]	760	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	<1	<1	<1	1	<0.5	--	--
MW-3	06/23/18[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-3	09/05/18[1]	57	<46[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.5	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-3	12/02/18[1]	170	<46[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.5	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-3	03/09/19[1]	170 J	510[2]	860[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	0.3 J	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-3	06/08/19[1]	<19	<46[2]	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-3	09/10/19[1]	510	<46[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	0.6 J	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-3	11/02/19[15]	50 J	<45	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-3	03/09/20	878	<100	<250	--	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	2.05	0.414 J	<1.00	<1.00	<5.00 J0	<1.00	--	--
MW-3	09/13/20	83.4 J	49.6 J	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	0.150 J	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-3	03/08/21	2,000	57.4 J	--	<250	0.218 J	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	<1.00	6.38	<6.00
MW-3	09/07/21	1,230	59.1 J	--	<250	1.06	0.640 J	<1.00	0.505 J	<1.00	<1.00	6.14	0.744 J	<1.00	<1.00	<5.00	<1.00	--	--
MW-3	02/16/22[16]	1,280	40.4 J	--	<250	0.233 J	<1.00	<1.00	<3.00	<1.00	<1.00	1.89	0.441 J	<1.00	<1.00	<5.00	<1.00	--	--
MW-3	08/17/22[16]	1,160 B	<100	--	<250	0.184 J	<1.00	<1.00	<3.00	0.124 J	<1.00	1.45	0.346 J	<1.00	<1.00	<5.00	<1.00	--	--
MW-3	02/22/23[16]	1,000 B	90.1 B J	--	127 B J	0.0955 J	<1.00	<1.00	<3.00	<1.00	<1.00	1.50	0.502 J	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-3	08/09/23[16]	<5.000	39.6 J	--	<250	0.403 J	<1.00	<1.00	<3.00	0.0926 J	<1.00	2.93	0.703 J	<1.00	<1.00	<5.00	<1.00	--	--
MW-3	02/15/24[16]	**922**	<100 J3[a]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	1.44	0.454 J	<1.00	<1.00	<5.00	<1.00	--	--
MW-3	08/07/24[16]	400	38.3 J[c]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	0.598 J	<1.00	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-4	07/09/92[4]	--	--	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--
MW-4	03/16/04	UNABLE TO LOCATE																	
MW-4	01/28/05	UNABLE TO LOCATE																	
MW-4	04/22/05	UNABLE TO LOCATE																	
MW-4	07/29/05	UNABLE TO LOCATE																	
MW-4	11/10/05	UNABLE TO LOCATE - AREA COVERED BY A ROCK PARKING LOT																	
MW-4	02/16/06	UNABLE TO LOCATE																	
MW-4	06/23/06	UNABLE TO LOCATE																	
MW-4	09/21/06	UNABLE TO LOCATE																	
MW-4	12/04/12	UNABLE TO LOCATE																	
MW-4	09/07/21	UNABLE TO LOCATE																	
MW-4A	02/12/15[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	03/09/15[1]	<50	<47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	06/10/15[1]	<50	<47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	09/13/15[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	12/06/15	UNABLE TO ACCESS																	
MW-4A	03/09/16[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	06/15/16[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	09/07/16[1]	<50	<47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	12/06/16[1]	<50	47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	03/14/17[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	06/15/17[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	09/08/17[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	12/02/17[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	03/12/18[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	06/23/18[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-4A	09/05/18[1]	<19	<46[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.5	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-4A	12/02/18[1]	<19	<45[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.5	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-4A	03/09/19[1]	<19	<45[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-4A	06/08/19[1]	<19	75 J[c]	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-4A	09/10/19[1]	<19	<47[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-4A	11/02/19[15]	<19	<45	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-4A	03/09/20	<100	<100	<250	--	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 J0	<1.00	--	--
MW-4A	09/13/20	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-4A	03/08/21	62.1 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	<1.00	5.17 J	<6.00
MW-4A	09/07/21	41.0 B J	58.3 J	--	152 J	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-4A	02/16/22[16]	84.5 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-4A	08/17/22[16]	33.7 B J	<100	--	156 J	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-4A	02/22/23[16]	71.2 B J	<100	--	84.1 B J	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-4A	08/09/23[16]	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-4A	02/15/24[16]	<100	<100 J3[a]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-4A	08/07/24[16]	40.3 B J	<100[2]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-5	07/09/92[4]	--	--	--	--	**211**	5	7	5	--	--	--	--	--	--	--	--	--	--
MW-5	10/04/00[4]	--	--	--	--	35.5	1.69	ND	ND	--	--	--	--	--	--	--	ND	--	--
MW-5	03/16/04	UNABLE TO ACCESS																	
MW-5	01/28/05	UNABLE TO ACCESS																	
MW-5	04/22/05	UNABLE TO ACCESS																	

Table 2. Groundwater Analytical Results - TPH, Select Volatile Organic Compounds, and Lead
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Date	Well ID/Date	TPH-G	TPH-D	TPH-O	TPH-R	Benzene	Toluene	Ethyl-benzene	Total Xylenes	1,2-Dichloroethane (EDC)	1,2-Dibromoethane (EDB)	Isopropylbenzene	n-Propylbenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Naphthalene	MTBE	Total Lead	Dissolved Lead
MW-5	07/29/05	UNABLE TO ACCESS																	
MW-5	11/10/05	UNABLE TO LOCATE - AREA COVERED BY A ROCK PARKING LOT																	
MW-5	02/16/06	UNABLE TO ACCESS																	
MW-5	06/23/06	930	3,400[2]	1,900[2]	--	36	2.8	<1.0	3.2	--	--	--	--	--	--	--	<20	--	--
MW-5	09/21/06	1,500	2,800[2]	740[2]	--	47	4.3	2.9	6.3	--	--	--	--	--	--	--	<25	--	--
MW-5	06/08/10[7,8,10]	2,000	2,900[2,8]	1,400[2,8]	--	53	3.1	0.6	<0.5	<0.5	10	3	<1	<1	<1	<1	<0.5	--	--
MW-5	09/07/10[8,10]	2,200	1,300[2]	330[2]	--	23[11]	4.1[11]	<0.5[11]	<7.5[11]	<0.5	7	2	<1	<1	<1	<1	<0.5[11]	--	--
MW-5	12/08/10[7,10]	1,800	600[2]	660[2]	--	17	1	<0.5	2.8	<0.5	<0.5	7	2	<1	<1	<1	<1	<0.5	--	--
MW-5	03/07/11[10]	1,500	640[2]	850[2]	--	7	1	<0.5	1.7	<0.5	<0.5	6	1	<1	<1	<1	<1	<0.5	--	--
MW-5	06/30/11[10]	1,800	69[2]	<68[2]	--	4	0.8	<0.5	1.6	<0.5	<0.5	7	2	<1	<1	<1	3	<0.5	--	--
MW-5	09/13/11[10]	2,400	39[2,13]	<66[2,13]	--	20	1	<0.5	--	<0.5	<0.5	8	2	<1	<1	<1	<1	<0.5	--	--
MW-5	12/08/11[10]	1,200	38[2]	<68[2]	--	4	0.7	<0.5	--	<0.5	<0.5	5	1	1	<1	<1	<1	<0.5	--	--
MW-5	03/06/12[1]	2,300	37[2]	<67[2]	--	3	0.8	<0.5	1.6	<0.5	<0.5	6	2	<1	<1	<1	<1	<0.5	--	--
MW-5	06/06/12[1]	2,300	57[2]	<68[2]	--	1	<0.5	<0.5	0.8	<0.5	<0.5	7	2	<1	<1	<1	<1	<0.5	--	--
MW-5	09/10/12[1]	2,200	54[2]	<69[2]	--	2	0.5	<0.5	<0.5	<0.5	<0.5	7	<1	1	<1	<1	<1	<0.5	--	--
MW-5	12/04/12[1]	1,800	35[2]	<68[2]	--	54	1	0.7	0.9	<0.5	<0.5	10	3	<1	<1	<1	<1	<0.5	--	--
MW-5	03/12/13[1]	2,200	41[2]	<71[2]	--	1	<1[11]	<1[11]	<1[11]	1	<1	5	<2	<2	<2	<2	<2	<1[11]	--	--
MW-5	06/12/13[1]	2,300	54[2]	<67[2]	--	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	7	3	<1	<1	<1	<1	<0.5	--	--
MW-5	09/10/13[1]	860	<30[2]	<69[2]	--	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	5	1	<1	<1	<1	<1	<0.5	--	--
MW-5	01/18/14[1]	2,200	<150[2]	<350[2]	--	3	<0.5	<0.5	0.9	<0.5	<0.5	5	1	<1	<1	<1	<1	<0.5	--	--
MW-5	03/05/14[1]	99	<30[2]	<71[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<0.5	--	--
MW-5	06/05/14[1]	2,500	35[2]	<67[2]	--	6	<1	<1	<1	<1	<1	5	<2	<2	<2	<2	<2	<1	--	--
MW-5	09/16/14[1]	2,700	<29[2]	<68[2]	--	2	<0.5	<0.5	0.9	<0.5	<0.5	4	<1	<1	<1	<1	<1	<0.5	--	--
MW-5	12/10/14[1]	1,400	31[2]	<67[2]	--	<1	<1	<1	<1	<1	<1	4	<2	<2	<2	<2	<2	<1	--	--
MW-5	03/09/15[1]	1,500	<46[2]	<100[2]	--	1	<0.5	<0.5	0.6	<0.5	<0.5	3	<1	<1	<1	<1	<1	<0.5	--	--
MW-5	06/10/15[1]	2,300	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	1	<1	<1	<1	<1	<0.5	--	--
MW-5	09/13/15[1]	2,700	<45[2]	<100[2]	--	<0.5	<0.5	0.6	0.8	<0.5	<0.5	5	1	<1	<1	<1	<1	<0.5	--	--
MW-5	12/06/15[1]	2,900	<45[2]	<100[2]	--	0.8	<0.5	<0.5	0.8	<0.5	<0.5	6	2	<1	<1	<1	<1	<0.5	--	--
MW-5	03/09/16[1]	2,900	<46[2]	<100[2]	--	<1	<1	<1	<1	<1	<1	3	<2	<2	<2	<2	<2	<1	--	--
MW-5	06/15/16[1]	2,800	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4	2	<1	<1	<1	<1	<0.5	--	--
MW-5	09/07/16[1]	2,200	<45[2]	<100[2]	--	0.6	<0.5	0.5	0.8	<0.5	<0.5	6	2	<1	<1	<1	<1	<0.5	--	--
MW-5	12/06/16[1]	3,300	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	3	1	<1	<1	<1	<1	<0.5	--	--
MW-5	03/14/17[1]	1,000	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<0.5	--	--
MW-5	06/15/17[1]	1,900	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2	<1	<1	<1	<1	<1	<0.5	--	--
MW-5	09/08/17[21]	2,600	54[2]	<100[2]	--	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	7	2	<1	<1	<1	<1	<0.5	--	--
MW-5	12/02/17[1]	2,600	<46[2]	<100[2]	--	<3	<3	<3	<3	<3	<3	<3	<5	<5	<5	<5	<5	<3	--	--
MW-5	03/12/18[1]	3,500	<46[2]	<100[2]	--	<1	<1	<1	<1	<1	<1	5	<2	<2	<2	<2	<2	<1	--	--
MW-5	06/23/18[1]	4,000	<45[2]	<100[2]	--	<1	<1	<1	<1	<1	<1	5	<2	<2	<2	<2	<2	<1	--	--
MW-5	09/05/18[1]	3,200	<46[2]	<100[2]	--	0.4	<0.2	<0.2	<0.5	<2	<0.3	5	1	<0.3	<0.3	<4	<4	<0.2	--	--
MW-5	12/02/18[1]	1,800	<46[2]	<100[2]	--	0.3	0.2	0.3	<0.5	<2	<0.3	2	0.9	<0.3	<0.3	<4	<4	<0.2	--	--
MW-5	03/09/19[1]	1,100	120[2]	<100[2]	--	0.4 J	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<4	<0.2	--	--
MW-5	06/08/19[1]	2,100	140[2]	<100[2]	--	0.3 J	<0.2	0.3 J	<0.8	<2	<0.3	5	3 J	<0.3	<0.3	<4	<4	<0.2	--	--
MW-5	09/10/19[1]	2,500	<46[2]	<100[2]	--	<1	<1	<1	<5	<10	<2	3 J	<1	<2	<2	<20	<20	<1	--	--
MW-5	11/02/19[15]	2,200	<45	<100	--	0.4 J	<0.4	<0.4	<1.6	<4	<0.6	5 J	2 J	0.7 J	<0.6	<8	<8	<0.4	--	--
MW-5	03/09/20	2,800	<100	<250	--	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	3.74	0.941 J	<1.00	<1.00	<5.00 J0	<1.00	--	--
MW-5	09/13/20	7,740	<100	--	<250	<1.00	<1.00	<1.00	0.256 J	<1.00	<1.00	5.72	1.23	<1.00	<1.00	<5.00	<1.00	--	--
MW-5	03/08/21	7,550	58.1 J	--	<250	1.94	0.346 J	<1.00	0.509 J	--	--	--	--	--	--	--	<1.00	<6.00	<6.00
MW-5	09/07/21	3,870 B	45.6 J	--	<250	1.25	0.536 J	<1.00	0.629 J	<1.00	<1.00	5.50	0.984 J	<1.00	<1.00	<5.00	<1.00	--	--
MW-5	02/16/22[16]	5,510	87.4 J	--	<250	0.443 J	0.416 J	<1.00	0.442 J	<1.00	<1.00	3.86	1.58	0.112 J	<1.00	<5.00	<1.00	--	--
MW-5	08/17/22[16]	4,860	<100	--	<250	0.627 J	<1.00	<1.00	0.449 J	<1.00	<1.00	4.11	1.27	<1.00	<1.00	<5.00	<1.00	--	--
MW-5	02/22/23[16]	2,870 B	128 B	--	208 B J	0.253 J	0.355 J	<1.00	0.376 J	<1.00	<1.00	3.65	1.26	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-5	08/09/23[16]	<5,000	<100	--	<250	0.436 J	0.293 J	<1.00	0.540 J	<1.00	<1.00	3.56	0.996 J	<1.00	<1.00	<5.00	<1.00	--	--
MW-5	02/15/24[16]	**3,670**	<100 J3[2]	--	<250[2]	0.472 J	<1.00	<1.00	0.343 J	<1.00	<1.00	3.47	1.54	0.105 J	<1.00	<5.00	<1.00	--	--
MW-5	08/07/24[16]	**2,150**	35.1 J[3]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	1.72	0.640 J	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-6	02/12/15[1]	<50	<47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	03/09/15[1]	<50	<47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	06/10/15[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	09/13/15[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	12/06/15[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	03/09/16[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	06/15/16[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	09/07/16[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	12/06/16[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	03/14/17[1]	<50	<47[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	06/15/17[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	09/08/17[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	12/02/17[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	03/12/18[1]	<50	<46[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	06/23/18[1]	<50	<45[2]	<100[2]	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<0.5	--	--
MW-6	09/05/18[1]	<19	<46[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.5	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-6	12/02/18[1]	<19	<45[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.5	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-6	03/09/19[1]	<19	<45[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-6	06/08/19[1]	<19	<46	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-6	09/10/19[1]	<19	<45[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-6	11/02/19[15]	<19	<45	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-6	03/09/20	<100	<100	<250	--	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 J0	<1.00	--	--
MW-6	09/13/20	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-6	03/08/21	33.7 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	<1.00	<6.00	<6.00
MW-6	09/07/21	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-6	02/16/22[16]	59.4 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-6	08/17/22[16]	46.3 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-6	02/22/23[16]	44.2 B J	79.3 B J	--	244 B J	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-6	08/09/23[16]	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-6	02/15/24[16]	<100	<100[2]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-6	08/07/24[16]	32.0 B J	<100[2]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-7	02/12/15[1]	1,900	840[2]	<110[2]	--	41	3	7	1	<0.5	<0.5	31	50	<1	<1	<1	<0.5	--	--
MW-7	03/09/15[1]	3,300	330[2]	<100[2]	--	110	8	33	5	<0.5	<0.5	80	120	<1	<1	<1	<0.5	--	--
MW-7	06/10/15[1]	4,300	240[2]	<100[2]	--	110	10	42	6	<0.5	<0.5	77	85	<2	<2	<2	<1	--	--
MW-7	09/13/15[1]	5,300	580[2]	<100[2]	--	100	13	50	8	<0.5	<0.5	82	92	<1	<1	<1	<0.5	--	--
MW-7	12/06/15[1]	**27,000**	22,000[2]	1,100[2]	--	58	4	13	3	<1	<1	110	230	<2	<2	<2	<1	--	--
MW-7	03/09/16[1]	6,600	6,000[2]	360[2]	--	61	4	15	3	<0.5	<0.5	110	210	<1	<1	<1	<0.5	--	--
MW-7	06/15/16[1]	7,900	7,500[2]	<1,000[2]	--	62	30	6	5	<0.5	<0.5	100	180	<1	<1	<1	<0.5	--	--
MW-7	09/07/16[1]	LNAPL IN WELL																	
MW-7	12/06/16[1]	5,300	4,900[2]	930[2]	--	43	4	10	2	<0.5	<0.5	96	200	<1	<1	<1	<0.5	--	--
MW-7	03/14/17[1]	6,000	22,000[2]	3,500[2]	--	49	4	12	2	<0.5	<0.5	110	210	<1	<1	<1	<0.5	--	--
MW-7	06/15/17[1]	6,200	7,600[2]	1,500[2]	--	38	5	23	4	<0.5	<0.5	120	210	<1	<1	<1	<0.5	--	--
MW-7	09/08/17[21]	LNAPL IN WELL																	
MW-7	12/02/17[1]	9,800	13,000[2]	2,100[2]	--	40	4	9	2	<0.5	<0.5	110	230	<1	<1	<1	<0.5	--	--
MW-7	03/12/18[1]	**26,000**	520,000[2]	75,000[2]	--	25	3	19	3	<1	<1	120	230	<2	<2	<2	<1	--	--
MW-7	06/23/18[1]	LNAPL IN WELL																	
MW-7	09/05/18[1]	8,000	10,000[2]	1,500[2]	--	27	5	33	4.4	<2	<0.3	110	160	<0.3	<0.3	<4	<0.2	--	--
MW-7	12/02/18[1]	9,100	6,000[2]	1,200[2]	--	29	4	19	3.3	<2	<0.3	100	190	<0.3	<0.3	<4	<0.2	--	--
MW-7	03/09/19[1]	**17,000**	57,000[2]	7,400[2]	--	32	4	11	2.3 J	<2	0.5 J	140	290	<0.3	0.4 J	<4	<0.2	--	--
MW-7	06/08/19[1]	LNAPL IN WELL																	
MW-7	09/10/19[1]	LNAPL IN WELL																	
MW-7	11/02/19[15]	7,100	230	<100	--	27	4	26	3.4	<2	<0.3	120	180	4 J	<0.3	<4	<0.2	--	--
MW-7	03/09/20	**65,900**	17,400	3,840	--	24.2	6.98 J	30.0	<30.0	<10.0	<10.0	423	860	<10.0	<10.0	<50.0	<10.0	--	--
MW-7	09/13/20	LNAPL IN WELL																	
MW-7	03/08/21	4,060	1,670	--	159 J	18.1	2.98 J	5.09 J	1.87 J	--	--	--	--	--	--	--	<10.0	8.48	3.49 J
MW-7	09/07/21	LNAPL IN WELL																	
MW-7	02/16/22[16]	6,300 B	2,460	--	410	20.2	3.69 J	6.92 J	<30.0	<10.0	<10.0	113	221	<10.0	<10.0	<50.0	<10.0	--	--
MW-7	08/17/22[16]	4,090 B	1,870	--	318	15.8	3.09 J	6.23 J	<30.0	<10.0	<10.0	87.8	159	<10.0	<10.0	<50.0	<10.0	--	--

Table 2. Groundwater Analytical Results - TPH, Select Volatile Organic Compounds, and Lead
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Date	Well ID/Date	TPH-G	TPH-D	TPH-O	TPH-R	Benzene	Toluene	Ethyl-benzene	Total Xylenes	1,2-Dichloroethane (EDC)	1,2-Dibromoethane (EDB)	Isopropylbenzene	n-Propylbenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Naphthalene	MTBE	Total Lead	Dissolved Lead
MW-7	02/22/23[16]	6,180 B	3,270	--	916 B	15.7	3.71 J	5.65 J	<30.0	<10.0	<10.0	98.5	226	<10.0	<10.0	<50.0 C3	<10.0	--	--
MW-7	08/09/23[16]	**4,570**	**23,700**	--	4,830	**13.4**	3.58 J	3.24 J	1.90 J	1.17 J	<10.0	89.8 C3	196	<10.0	<10.0	<50.0 C3	<10.0	--	--
MW-7	02/15/24[16]	**4,570**	**7,130 J3**	--	3,000	**13.7**	3.26 J	4.61 J	2.48 J	<10.0	<10.0	100	224	<10.0	<10.0	<50.0	<10.0	--	--
MW-7	08/07/24[16]	LNAPL IN WELL																	
MW-8	12/02/18[1]	<19	<46[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.5	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-8	03/09/19[1]	<19	<46[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-8	06/08/19[1]	<19	<45[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-8	09/10/19[1]	<19	<47[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-8	11/02/19[15]	<19	<45	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-8	03/09/20	<100	<100	124 J	--	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 J0	<1.00	--	--
MW-8	09/13/20	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-8	03/08/21	58.8 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	<1.00	<6.00	<6.00
MW-8	09/07/21	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-8	02/16/22[16]	49.7 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-8	08/17/22[16]	33.0 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-8	02/22/23[16]	39.7 B J	50.2 B J	--	150 B J	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-8	08/09/23[16]	<100	51.9 J	--	109 B J	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-8	02/15/24[16]	<100	<100 J3	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-8	08/08/24[16]	<100	<100[2]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-9	09/10/19[1]	<19	<47[2]	<100[2]	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-9	11/02/19[15]	<19	<45	<100	--	<0.2	<0.2	<0.2	<0.8	<2	<0.3	<0.3	<0.2	<0.3	<0.3	<4	<0.2	--	--
MW-9	03/09/20	<100	<100	122 J	--	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 J0	<1.00	--	--
MW-9	09/13/20	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-9	03/08/21	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	<1.00	4.56 J	<6.00
MW-9	09/07/21	<100	39.2 J	--	90.2 J	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-9	02/16/22[16]	54.2 B J	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-9	08/17/22[16]	UNABLE TO LOCATE																	
MW-9	02/22/23[16]	554 B	118 B	--	150 B J	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	0.852 J	0.506 J	<1.00	<1.00	<5.00 C3	<1.00	--	--
MW-9	08/09/23[16]	<100	<100	--	<250	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-9	02/15/24[16]	<100	<100 J3[2]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	--	--
MW-9	08/08/24[16]	<100	<100[2]	--	<250[2]	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00 C3	<1.00	--	--
QA-TB	03/16/04[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	01/28/05	<48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
QA-TB	04/22/05	<48	--	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	--	--
QA-TB	07/29/05	<48	--	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	<2.5	--	--
QA-TB	11/10/05	<48	--	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	<2.5	--	--
QA-TB	02/16/06	<48	--	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	<2.5	--	--
QA-TB	06/23/06	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	<0.3	--	--
QA-TB	09/21/06	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	<0.3	--	--
QA-TB	06/08/10	<50	--	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	<2.5	--	--
QA-TB	09/07/10	<50	--	--	--	--	<0.5	--	<1.5	--	--	--	--	--	--	--	--	--	--
QA-TB	12/08/10[10]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	03/07/11[10]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/30/11[10]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/13/11[10]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	12/08/11[10]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	03/06/12[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/06/12[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/10/12[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	12/04/12[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	03/12/13[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/12/13[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/10/13[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	01/18/14[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	03/05/14[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/05/14[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/16/14[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	12/10/14[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	03/09/15[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/10/15[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/13/15[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	12/06/15[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	03/09/16[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/15/16[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/07/16[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	12/06/16[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	03/14/17[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/15/17[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/08/17[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	12/02/17[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	03/12/18[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/23/18[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/05/18[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	06/23/18[1]	<50	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	<0.5	--	--
QA-TB	09/05/18[1]	<19	--	--	--	<0.2	<0.2	<0.2	<0.5	--	--	--	--	--	--	--	<0.2	--	--
QA-TB	12/02/18[1]	<19	--	--	--	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	--	--
QA-TB	11/02/19[15]	<19	--	--	--	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	--	--
QA-TB	03/09/20	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	<1.00	--	--
QA-TB	09/13/20	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	<1.00	--	--
QA-TB	03/08/21	50.6 B J	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	--	--	--
QA-TB	09/07/21	<100	--		--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	--	--	--
QA-TB	02/16/22[16]	63.7 B J	--		--	<1.00	<1.00	<1.00	<3.01	--	--	--	--	--	--	--	--	--	--
QA-TB	08/17/22[16]	33.3 B J	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	--	--	--
QA-TB	02/22/23[16]	57.4 B J	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	--	--	--
QA-TB	08/09/23[16]	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	--	--	--
QA-TB	02/15/24[16]	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	--	--	--
QA-TB	08/08/24[16]	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--	--	--	--	--	--	--	--
RBCs: Volatilization to Outdoor Air																			
Residential		>S	>S	NA	NA	3,100	>S	9,900	>S	2,100	180	>S	NA	>S	>S	3,600	350,000	--	--
Urban Residential		>S	>S	NA	NA	7,400	>S	23,000	>S	4,900	430	>S	NA	>S	>S	8,500	830,000	--	--
Occupational		>S	>S	NA	NA	14,000	>S	43,000	>S	9,000	790	>S	NA	>S	>S	16,000	1,500,000	--	--
RBCs: Vapor Intrusion Into Buildings											--								
Commercial		520	1,700	NA	NA	12	150,000	31	3,300	18	1.5	9,100	22,000	1,700	2,400	50	3,200		
RBCs: Groundwater in Excavation																			
Construction and Excavation Worker		14,000	>S	NA	NA	1,800	220,000	4,500	23,000	630	27	51,000	NA	7,500	6,300	500	63,000	--	--

Table 2. Groundwater Analytical Results - TPH, Select Volatile Organic Compounds, and Lead

Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

EXPLANATIONS:

All concentrations are in micrograms per Liter (µg/L)
Results in bold indicate analyte detected above one or more generic RBCs
RBCs are based on values presented in Appendix A of the Oregon DEQ's Risk-Based Decision Making for the Remediation of Petroleum Contaminated Sites (Oregon DEQ, 2003; updated November 1, 2015).

The RBCs for vapor intrusion into buildings was updated by the Oregon DEQ in June 2023. The results starting in August 2023 are bolded based on the updated RBCs. Results prior to August 2023 are bolded based on the previous RBC values.
DEQ = Department of Environmental Quality
LNAPL = Light Non-Aqueous Phase Liquid
NA = A generic RBC has not been established
ND = Not Detected
QA = Quality Assurance/Trip Blank
QC = Quality Control
RBCs = Risk-Based Concentrations
TB - Trip Blank
VOC = Volatile Organic Compounds
µg/L = Micrograms per liter
-- = Not Analyzed
<1.00 = Not Detected at or above the reported detection limit (RDL)
>S = The groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.
J = Estimated value between the method detection limit (MDL) and RDL
J3 = The associated batch QC was outside the established quality control range for precision.
C3 = The reported concentration is an estimate. The continuing calibration standard associated with this data responded low.Method sensitivity check is acceptable.
B = The same analyte is found in the associated blank.

As of January 2020, the laboratory for this site was changed from Eurofins Calscience to Pace Analytical
Pace Analytical reports the following carbon ranges: TPH-g as C5-C12, TPH-d as C12-C22

TPH-G = Total Petroleum Hydrocarbons as Gasoline range organics analyzed by GC by Northwest Method NWTPH-Gx

TPH-D = Total Petroleum Hydrocarbons as Diesel range organics analyzed by Method NWTPHDX-SGT

TPH-R = Total Petroleum Hydrocarbons as Residual range organics analyzed by Method NWTPGDX-SGT
TPH-O = Total Petroleum Hydrocarbons as Oil range organics analyzed by Method NWTPHDX-SGT
BTEX (Benzene, Toluene, Ethylbenzene, Total Xylenes) Analyzed by United States Environmental Protection Agency (USEPA) Method 8260D
MTBE = Methyl tert-butyl ether Analyzed by USEPA Method 8260D

ANALYTICAL METHOD:

VOCs analyzed by (GC/MS) by Method 8260D
Oregon RBCA VOC by 8260.

NOTES:

1 BTEX and MTBE by USEPA Method 8260.
2 Analyzed with silica-gel cleanup.
3 Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
4 Data provided by Secor International.
5 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.
6 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes earlier in the DRO range.
7 Tubing in well.
8 Laboratory report indicates the surrogate data is outside the QC limits for the first extraction. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction. The DRO result for the first extraction is 600 µg/L, the HRO result for the first extraction is 520 µg/L. The reextracted data is reported as per client request.
9 Well re-development preformed.
10 BTEX and MTBE run by USEPA Method 8021B and 8260B. Where analyte is detected, the highest result is reported. Please refer to lab reports for additional data.
11 Laboratory report indicates due to the presence of an sample matrix interference, the reporting limit was raised.
12 Laboratory report indicates that due to dilution necessary to bring target analytes into the calibration range of the analytical system, recovery for the reverse surrogate, capric acid, could not be determined.
12 Laboratory report indicates that capric acid recovery could not be determined.
13 The surrogate data is outside of QC limits in the blank, LCS and LCSD associated with this sample. The surrogate data is also outside QC limits in this sample. The LCS/LCSD recoveries for DRO are outside of QC limits. Surrogate and spike results from the reextraction are within QC limits. The hold time had expired prior to reextraction so all results reported are from the original extract. Similar results were observed between the two extractions.
14 LNAPL in well following purging.
15 BTEX and MTBE analyzed by USEPA Method 8260B.
16 BTEX and MTBE analyzed USEPA Method 8260D.

Table 3. Groundwater Analytical Results - Select Semi-Volatile Organic Compounds
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

ARCADIS

Well ID	Date	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo (a) anthracene	Chrysene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenz (a,h) anthracene	Benzo (g,h,i) perylene
MW-1	09/21/06	0.065	<0.02	<0.01	0.022	0.013	0.038	<0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
MW-1	06/08/10	0.12	<0.025[1]	0.083	0.23	0.014	0.027	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097
MW-1	09/07/10	0.46	<0.010[1]	0.1	0.22	0.012	0.024	0.012	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	12/08/10	0.25	0.027	0.18	0.48	<0.0096	0.039	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-1	03/07/11	<0.029	<0.0096	0.22	0.41	0.091	0.061	0.014	0.029	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-1	06/30/11	1	0.048	0.29	0.59	0.098	0.056	0.027	0.028	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095
MW-1	09/13/11	0.029	0.036	0.19	0.72	0.045	0.042	0.014	0.012	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095
MW-1	12/08/11	0.7	0.018	0.15	0.26	<0.029	0.035	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098
MW-1	03/06/12	<0.029	0.049	0.19	0.39	0.07	0.04	0.014	0.013	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-1	06/06/12	0.34	0.026	0.11	0.24	0.087	0.028	0.032	0.041	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098
MW-1	09/10/12	1.5	0.02	0.13	0.61	0.033	0.037	0.035	0.046	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098
MW-1	12/04/12	0.28	0.025	0.17	0.3	<0.029	0.025	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-1	03/12/13	0.41	0.013	0.045	0.096	<0.030	0.026	0.015	0.017	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099
MW-1	06/12/13	0.37	0.021	0.11	0.28	0.04	0.021	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	09/10/13	<0.032	<0.011	0.04	0.065	<0.032	<0.011	<0.011	0.013	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
MW-1	01/18/14	<0.032	<0.011	0.089	0.15	<0.032	0.012	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
MW-1	03/05/14	0.81	0.028	0.17	0.3	<0.031	0.027	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	06/05/14	<0.031	<0.010	0.14	0.39	<0.031	0.014	<0.010	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	09/16/14	0.48	<0.010	0.11	0.38	<0.030	0.016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	12/10/14	0.038	<0.010	<0.010	<0.010	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	03/09/15	0.34	<0.010	0.1	0.17	0.04	0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	06/10/15	<0.030	<0.010	0.083	0.27	0.061	0.041	<0.010	0.02	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	09/13/15	<0.030	0.03	0.12	0.45	0.12	0.055	<0.010	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	12/06/15	<0.030	0.059	0.27	0.63	0.097	0.041	<0.010	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	03/09/16	<0.031	0.027	0.19	0.48	0.076	0.034	0.014	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	06/15/16	<0.030	<0.010	0.13	0.29	0.039	0.035	<0.010	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	09/07/16	<0.030	0.021	<0.010	1.3	0.043	0.013	0.017	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	12/06/16	<0.030	<0.010	0.19	0.38	<0.030	0.03	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	03/14/17	<0.030	<0.010	0.2	0.51	0.064	0.024	<0.010	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	06/15/17	<0.030	<0.010	0.032	0.11	<0.030	0.014	0.011	0.027	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	09/08/17	<0.030	<0.010	0.24	0.75	0.077	0.038	0.011	0.04	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	12/02/17	0.048	<0.010	0.071	0.094	<0.031	0.028	<0.010	0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	03/12/18	<0.03	0.03	0.2	0.4	0.08	0.05	0.03	0.02	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-1	06/23/18	<0.03	0.04	0.2	0.6	0.05	0.04	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-1	09/05/18	<0.03	<0.010	0.2	0.8	0.05	0.04	0.02	0.02	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-1	12/02/18	<0.03	0.02	0.1	0.1	<0.03	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-1	03/09/19	<0.03	<0.01	0.2	0.5	0.1	0.05 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-1	09/10/19	<0.03	<0.01	0.2	0.6	0.03 J	0.03 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-1	11/02/19	<0.03	0.02 J	0.2	0.6	<0.03	0.03 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-1	03/09/20	0.651 J	<0.0500	0.134	0.327	0.0392 J	0.0245 J	<0.05	<0.05	0.00615 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-1	09/13/20	2.53	<0.0500	0.422	1.49	0.172	0.0400 J	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-1	09/07/21	1.44	<0.0500	0.205	0.510	0.0802	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-1	02/16/22	1.25	<0.0500	0.223	0.656	0.0628	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-1	08/17/22	1.50	<0.0500	0.181	0.608	0.0722	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-1	02/22/23	1.53	0.0368 J	0.226	0.378	0.108	0.0277 J	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-1	08/09/23	1.86	<0.0500	0.322	0.980	0.0911	0.0309 J	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-1	02/15/24	<0.250	<0.0500	0.371	0.410	0.0899	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-1	08/07/24	<0.250	<0.0500	0.278	0.696	0.122	0.0671	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-2	09/21/06	30	5.2	16	40	55	5.4	3.9	3.4	0.54	0.97	0.31	0.11	0.22	<0.2	<0.2	<0.2
MW-2	06/30/11[3]	59	6.5	29	63	63	5.2	6	5.3	0.95	1.2	0.62	<0.48	<0.48	<0.48	<0.48	<0.48
MW-2	09/13/11	LNAPL IN WELL															
MW-2	12/08/11	LNAPL IN WELL															
MW-2	03/06/12	LNAPL IN WELL															
MW-2	06/06/12	LNAPL IN WELL															
MW-2	09/10/12	LNAPL IN WELL															
MW-2	03/12/13	16	3.1	14	29	25	3.6	6.1	5.5	0.83	1.2	0.54	0.17	0.3	<0.10	<0.10	0.14
MW-2	06/12/13	14	<0.10	6.6	15	12	2.6	2.1	2.1	0.6	0.74	0.47	0.17	0.25	0.15	<0.10	0.14
MW-2	09/10/13	<1.6	12	27	79	98	16	15	13	5.5	6.1	4.9	4.1	4.1	3.6	3.6	3.8
MW-2	01/18/14	<1.6	15	35	89	89	16	15	23	6.2	7.8	4	3.3	3.8	3.6	3.5	4
MW-2	03/05/14	LNAPL IN WELL															
MW-2	06/05/14	LNAPL IN WELL															
MW-2	09/16/14	19	2.2	7.6	18	18	1.5	1.5	1.3	0.28	0.38	0.13	<0.10	<0.10	<0.10	<0.10	<0.10
MW-2	12/10/14	<0.031	<0.010	1.8	2.5	0.075	0.18	0.3	0.23	0.035	0.057	0.024	0.013	0.014	<0.010	<0.010	0.014
MW-2	03/09/15	1.2	<0.010	1.3	2.5	0.95	0.12	0.1	0.082	0.018	0.021	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-2	06/10/15	<0.30	<0.10	7.1	13	17	1.8	2.1	1.7	0.34	0.48	0.17	<0.10	0.11	<0.10	<0.10	<0.10
MW-2	09/13/15	LNAPL IN WELL															
MW-2	12/06/15	<0.031	0.17	1.2	1.9	0.62	0.13	0.11	0.086	0.017	0.022	0.011	<0.010	<0.010	<0.010	<0.010	<0.010
MW-2	03/09/16	<0.031	0.098	0.64	1.3	0.53	0.19	0.27	0.28	0.047	0.059	0.026	<0.010	0.021	<0.010	<0.010	0.017
MW-2	06/15/16	<0.030	<0.10	4.3	11	8.9	1.4	1.2	1.2	0.23	0.28	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
MW-2	09/07/16	<0.031	0.15	0.16	3.6	3.3	0.073	0.3	0.13	0.032	0.049	0.02	<0.10	<0.10	<0.10	<0.10	<0.10

Table 3. Groundwater Analytical Results - Select Semi-Volatile Organic Compounds
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

Well ID	Date	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo (a) anthracene	Chrysene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenz (a,h) anthracene	Benzo (g,h,i) perylene
MW-2	12/06/16	<0.030	<0.010	2.2	4	0.47	0.31	1.1	0.85	0.16	0.19	0.089	0.032	0.056	0.021	<0.010	0.032
MW-2	03/14/17	<0.030	<0.010	1	1.8	0.29	0.14	0.1	0.15	0.027	0.035	0.018	<0.010	0.014	<0.010	<0.010	0.013
MW-2	06/15/17	<0.030	<0.010	1.3	2.1	0.29	0.15	0.17	0.17	0.023	0.03	0.017	<0.010	<0.010	<0.010	<0.010	<0.010
MW-2	09/08/17	<0.030	<0.010	2.2	4.7	4.2	<0.010	0.48	0.44	0.07	0.1	0.033	0.014	0.023	<0.010	<0.010	<0.010
MW-2	12/02/17	2.2	<0.010	1.4	1.6	0.3	0.23	0.21	0.22	0.036	0.049	0.023	<0.010	0.018	<0.010	<0.010	0.012
MW-2	03/12/18	<0.3	1	5	11	9	0.9	1	1	0.3	0.4	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-2	06/23/18	<0.3	<0.1	5	17	11	0.9	1	1	0.2	0.3	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-2	09/05/18	<0.03	<0.01	2	6	3	0.4	0.4	0.3	0.06	0.08	0.03	0.01	0.01	<0.01	<0.01	<0.01
MW-2	12/02/18	<0.03	0.5	3	5	3	0.4	0.7	0.5	0.09	0.1	0.04	0.02	0.03	0.01	<0.02	0.01
MW-2	03/09/19	<0.3	<0.1	56	140	95	20	25	21	3	5	2	0.6	1	0.4 J	<0.2	0.6
MW-2	06/08/19	<0.03	0.02 J	0.1	0.2	<0.03	0.04 J	0.01 J	0.02 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-2	09/10/19	<0.3	<0.1	13	30	32	2	4	4	0.6	0.9	0.3 J	0.1 J	0.2 J	<0.1	<0.2	<0.1
MW-2	11/02/19	<0.03	<0.01	1	2	3	0.4	0.3	0.2	0.04 J	0.05	0.02 J	<0.01	0.01 J	<0.01	<0.02	<0.01
MW-2	03/09/20	137	<0.500	82.6	166	167	20.0	20.5	19.5	2.95	3.04	1.70	0.627	0.920	0.373 J	0.136 J	0.464 J
MW-2	09/13/20	LNAPL IN WELL															
MW-2	09/07/21	LNAPL IN WELL															
MW-2	02/16/22	1.98	0.189	1.54	2.95	1.64	0.0677	0.0913 J	0.0859	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-2	08/17/22	2.13	<0.0500	1.27	2.35	0.970	<0.0500	0.0713 J	0.0677	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-2	02/22/23	2.77	0.178	1.60	3.10	1.52	0.0621	0.108	0.0900	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-2	08/09/23	3.54	<0.0500	1.23	1.92	1.45	<0.0500	0.404	0.427	0.0538	0.0441 J	0.0254 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-2	02/15/24	<0.250	<0.0500	3.35	6.70	4.52	<0.0500	0.452	0.404	0.0579	0.0511	0.0242 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-2	08/07/24	LNAPL IN WELL															
MW-3	09/21/06	UNABLE TO LOCATE															
MW-3	06/08/10	0.16	<0.0097	<0.0097	0.013	<0.0097	0.041	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097
MW-3	09/07/10	0.3	<0.010	0.011	0.028	0.016	0.036	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	12/08/10	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY															
MW-3	03/07/11	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY															
MW-3	06/30/11	0.16	<0.0096	<0.0096	0.035	<0.029	0.035	0.019	0.041	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-3	09/13/11	0.029	<0.0096	<0.0096	0.061	<0.029	0.022	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-3	12/08/11	NOT SAMPLED DUE TO FAILURE OF WELL INTEGRITY															
MW-3	03/06/12	<0.029	<0.0096	<0.0096	0.019	<0.029	0.028	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-3	06/06/12	0.039	<0.0096	<0.0096	<0.0096	<0.029	0.023	<0.0096	0.015	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-3	09/10/12	0.085	<0.010	<0.010	0.017	<0.030	0.027	<0.010	0.024	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	12/04/12	0.079	<0.0097	<0.0097	0.021	<0.029	0.019	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097
MW-3	03/12/13	0.23	<0.0097	<0.0097	0.014	<0.029	0.031	<0.0097	0.01	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097
MW-3	06/12/13	<0.031	<0.010	<0.010	<0.010	<0.031	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	09/10/13	<0.032	<0.011	<0.011	<0.011	<0.032	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
MW-3	01/18/14	<0.030	<0.010	<0.010	0.022	<0.030	0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	03/05/14	0.15	<0.010	<0.010	0.017	<0.030	0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.016	0.016	0.02
MW-3	06/05/14	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	09/16/14	0.048	<0.010	<0.010	0.012	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	12/10/14	0.047	<0.010	<0.010	0.012	<0.031	0.012	<0.010	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	03/09/15	0.058	<0.010	<0.010	0.011	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	06/10/15	<0.030	<0.010	<0.010	<0.010	<0.030	0.017	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	09/13/15	<0.031	<0.010	<0.010	0.016	<0.031	0.022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	12/06/15	<0.030	<0.010	<0.010	0.013	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	03/09/16	<0.030	<0.010	<0.010	0.014	<0.030	0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	06/15/16	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	09/07/16	<0.030	<0.010	<0.010	0.021	<0.030	0.019	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	12/06/16	0.042	<0.010	<0.010	<0.010	<0.030	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	03/14/17	<0.030	<0.010	<0.010	0.023	<0.030	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	06/15/17	<0.031	<0.010	<0.010	<0.010	<0.031	0.012	<0.010	0.027	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	09/08/17	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	0.029	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	12/02/17	0.068	<0.010	<0.010	0.011	<0.031	0.015	<0.010	0.017	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-3	03/12/18	<0.03	<0.01	<0.01	0.02	<0.03	0.02	<0.01	<0.01	0.02	0.03	0.02	0.02	<0.01	<0.01	<0.01	<0.01
MW-3	06/23/18	<0.03	<0.01	<0.01	<0.01	<0.03	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-3	09/05/18	<0.03	<0.01	<0.01	<0.01	<0.03	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-3	12/02/18	<0.03	<0.01	<0.01	<0.01	<0.03	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-3	03/09/19	<0.03	<0.01	<0.01	0.02 J	<0.03	0.02 J	<0.01	0.02 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-3	06/08/19	<0.03	<0.01	<0.01	<0.01	<0.03	0.02 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-3	09/10/19	0.08	<0.01	<0.01	0.03 J	<0.03	0.01 J	<0.01	0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-3	11/02/19	<0.03	<0.01	<0.01	<0.01	<0.03	0.02 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-3	03/09/20	0.184 J	<0.0500	0.0118 J	0.0269 J	0.0104 J	<0.0500	<0.05	<0.05	0.00688 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-3	09/13/20	0.244 J	<0.0500	<0.0500	0.0285J	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-3	09/07/21	0.372	<0.0500	<0.0500	<0.0500	0.0210 J	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-3	02/16/22	0.246 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-3	08/17/22	0.341	<0.0500	<0.0500	0.0251 J	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-3	02/22/23	0.415	<0.0500	<0.0500	0.0311 J	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-3	08/09/23	0.371	<0.0500	<0.0500	0.0313 J	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-3	02/15/24	<0.250	<0.0500	<0.0500	0.0226 J	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500

Table 3. Groundwater Analytical Results - Select Semi-Volatile Organic Compounds
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

Well ID	Date	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo (a) anthracene	Chrysene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenz (a,h) anthracene	Benzo (g,h,i) perylene
MW-3	08/07/24	<0.250	<0.0500	<0.0500	0.0220 J	<0.0500	0.0420 J	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-4	03/16/04	UNABLE TO LOCATE															
MW-4	09/21/06	UNABLE TO LOCATE															
MW-4	09/07/21	UNABLE TO LOCATE															
MW-4A	02/12/15	<0.032	<0.011	<0.011	<0.011	<0.032	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	--
MW-4A	03/09/15	0.066	<0.011	<0.011	<0.011	<0.032	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
MW-4A	06/10/15	<0.030	<0.010	<0.010	<0.010	<0.030	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	09/13/15	<0.031	<0.010	<0.010	<0.010	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	12/06/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4A	03/09/16	<0.031	<0.010	<0.010	<0.010	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	06/15/16	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	09/07/16	<0.031	<0.010	<0.010	<0.010	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	12/06/16	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	03/14/17	0.031	<0.010	<0.010	0.011	<0.030	<0.010	0.013	0.011	0.014	0.013	0.013	0.012	0.011	0.012	0.012	0.011
MW-4A	06/15/17	<0.031	<0.010	<0.010	<0.010	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	09/08/17	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	0.016	<0.010	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	12/02/17	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-4A	03/12/18	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-4A	06/23/18	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-4A	09/05/18	0.04	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-4A	12/02/18	<0.03	<0.01	<0.01	<0.01	<0.03	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-4A	03/09/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-4A	06/08/19	0.100	<0.01	<0.01	<0.01	<0.03	0.01 J	<0.01	0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-4A	09/10/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-4A	11/02/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-4A	03/09/20	0.0257 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.05	<0.05	0.00647 J	<0.0500	0.00273 J	<0.0500	<0.05000	<0.0500	<0.0500	0.00308 J
MW-4A	09/13/20	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-4A	09/07/21	<0.250	<0.0500	<0.0500	0.0202 J	0.0336 J	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-4A	02/16/22	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-4A	08/17/22	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-4A	02/22/23	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-4A	08/09/23	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-4A	02/15/24	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-4A	08/07/24	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	0.0278 J	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	09/21/06	<0.01	<0.02	0.031	0.13	0.067	0.075	<0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
MW-5	06/08/10	0.29	<0.0096	0.039	0.13	0.06	0.049	<0.0096	0.014	<0.0096	0.012	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-5	09/07/10	0.39	0.011	0.052	0.2	0.049	0.021	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	12/08/10	0.36	0.015	0.086	0.24	0.067	0.028	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	03/07/11[2]	<0.029	<0.0095	0.11	0.33	0.072	0.027	0.013	0.018	<0.0095	0.027	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095
MW-5	06/30/11	0.33	0.02	0.12	0.37	0.12	0.025	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095
MW-5	09/13/11	0.35	0.024	0.11	0.33	0.11	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-5	12/08/11	0.75	0.017	0.11	0.26	0.092	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	03/06/12	<0.029	<0.0095	0.096	0.29	0.16	0.016	0.032	0.022	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095
MW-5	06/06/12	0.44	0.014	0.12	0.33	0.091	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098
MW-5	09/10/12	0.6	0.013	0.089	0.23	0.076	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098
MW-5	12/04/12	0.42	0.028	0.11	0.34	0.14	<0.0096	0.031	0.022	<0.0096	0.011	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096
MW-5	03/12/13	0.46	<0.010	0.063	0.17	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	06/12/13	0.36	0.012	0.085	0.25	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	09/10/13	<0.031	<0.010	0.057	0.11	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	01/18/14	<0.030	<0.010	0.069	0.12	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	03/05/14	0.11	<0.010	<0.010	0.019	<0.030	<0.010	0.015	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	06/05/14	<0.030	<0.010	0.078	0.17	0.06	<0.010	0.024	0.031	<0.010	0.027	0.016	<0.010	<0.010	<0.010	<0.010	0.014
MW-5	09/16/14	0.47	<0.010	0.1	0.15	0.07	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	12/10/14	0.4	<0.010	0.11	0.2	0.11	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	03/09/15	0.19	<0.010	0.064	0.19	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	06/10/15	<0.030	<0.010	0.16	0.37	0.11	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	09/13/15	<0.030	<0.010	0.13	0.25	0.081	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	12/06/15	<0.031	0.019	0.1	0.3	0.071	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	03/09/16	<0.031	0.014	0.071	0.18	0.047	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	06/15/16	<0.030	<0.010	0.12	0.47	0.079	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	09/07/16	<0.031	0.029	0.02	0.41	0.11	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	12/06/16	<0.030	<0.010	0.085	0.23	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	03/14/17	0.053	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	06/15/17	<0.031	<0.010	0.038	0.089	0.049	<0.010	0.077	0.057	0.016	0.051	0.035	0.011	<0.010	<0.010	<0.010	0.016
MW-5	09/08/17	0.4	<0.010	0.12	0.23	<0.030	<0.010	<0.010	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	12/02/17	0.34	<0.010	0.1	0.25	0.09	0.016	<0.010	0.017	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-5	03/12/18	<0.03	<0.01	0.07	0.1	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01
MW-5	06/23/18	<0.03	<0.01	0.08	0.2	0.03	0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Table 3. Groundwater Analytical Results - Select Semi-Volatile Organic Compounds
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

Well ID	Date	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo (a) anthracene	Chrysene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenz (a,h) anthracene	Benzo (g,h,i) perylene
MW-5	09/05/18	<0.03	<0.01	0.08	0.2	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-5	12/02/18	<0.03	0.02	0.08	0.2	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-5	03/09/19	<0.03	<0.01	0.06	0.05 J	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-5	06/08/19	0.200	<0.01	0.1	0.1	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02 J	<0.02	0.01 J
MW-5	09/10/19	<0.03	<0.01	0.05 J	0.1	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-5	11/02/19	<0.03	0.01 J	0.1	0.2	0.05 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-5	03/09/20	0.259	<0.0500	0.0947	0.231	0.0161 J	<0.0500	<0.05	<0.05	0.00482 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	09/13/20	0.515	<0.0500	0.146	0.259	0.0251J	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	09/07/21	0.407	<0.0500	0.0838	0.143	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	02/16/22	0.586	<0.0500	0.158	0.357	0.1060	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	08/17/22	0.514	<0.0500	0.115	0.264	0.0808	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	02/22/23	0.535	<0.0500	0.104	0.252	0.0755	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	08/09/23	0.446	<0.0500	0.101	0.222	0.0583	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	02/15/24	0.569	<0.0500	0.147	0.347	0.0667	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-5	08/07/24	<0.250	<0.0500	0.106	0.200	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	02/12/15	<0.035	<0.012	<0.012	<0.012	<0.035	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	--
MW-6	03/09/15	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	06/10/15	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	09/13/15	<0.031	<0.010	<0.010	<0.010	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	12/06/15	<0.031	<0.010	<0.010	<0.010	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	03/09/16	<0.031	<0.010	<0.010	<0.010	<0.031	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	06/15/16	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	09/07/16	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	12/06/16	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	03/14/17	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	06/15/17	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	09/08/17	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	12/02/17	<0.030	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-6	03/12/18	0.06	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-6	06/23/18	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-6	09/05/18	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-6	12/02/18	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-6	03/09/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-6	06/08/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02 J	<0.01	0.01 J	0.02 J	<0.02	0.02 J
MW-6	09/10/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-6	11/02/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-6	03/09/20	0.0237 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.05	<0.05	0.00563 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	09/13/20	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	09/07/21	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	02/16/22	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	08/17/22	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	02/22/23	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	08/09/23	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	02/15/24	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-6	08/07/24	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-7	02/12/15	<0.033	<0.011	0.31	0.61	0.95	0.067	0.023	0.079	0.013	0.016	<0.011	<0.011	<0.011	<0.011	<0.011	--
MW-7	03/09/15	0.71	<0.011	0.66	1.5	1.4	0.061	0.038	0.038	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
MW-7	06/10/15	<0.030	<0.010	0.41	1.5	1.3	0.14	0.06	0.16	0.042	0.1	0.015	<0.010	0.013	<0.010	<0.010	0.021
MW-7	09/13/15	<0.031	<0.010	0.68	1.5	3.9	0.4	0.19	0.25	0.076	0.18	0.026	<0.010	<0.010	<0.010	<0.010	0.015
MW-7	12/06/15	<0.31	6.6	11	43	52	6.4	2.5	5.4	0.6	1.5	0.27	0.11	0.17	0.11	<0.10	0.22
MW-7	03/09/16	<0.030	0.2	0.67	1.9	5.8	0.37	0.25	0.37	0.08	0.17	0.027	<0.010	<0.010	<0.010	<0.010	<0.010
MW-7	06/15/16	<0.030	0.72	1.8	4.7	6.3	0.76	0.24	0.59	0.13	0.25	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-7	09/07/16	LNAPL IN WELL															
MW-7	12/06/16	<0.030	0.33	1.4	3.9	3.1	0.15	0.072	0.21	0.037	0.093	0.012	<0.010	<0.010	<0.010	<0.010	<0.010
MW-7	03/14/17	<0.030	<0.010	0.74	1.9	2.2	0.19	0.059	0.12	0.018	0.051	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
MW-7	06/15/17	<0.31	<0.010	5.1	11	14	1.2	0.71	1.2	0.22	0.69	0.17	0.058	0.11	0.053	0.019	0.069
MW-7	09/08/17	LNAPL IN WELL															
MW-7	12/02/17	1.2	0.18	0.54	1.7	5.8	0.48	0.26	0.32	0.073	0.19	0.026	<0.010	0.013	<0.010	<0.010	0.011
MW-7	03/12/18	<0.6	11	50	79	320	40	19	28	8	20	3	0.7	3	1	0.4	1
MW-7	06/23/18	LNAPL IN WELL															
MW-7	09/05/18	<0.03	<0.01	0.7	3	4	0.5	0.3	0.6	0.1	0.3	0.05	0.01	0.03	0.01	<0.01	0.02
MW-7	12/02/18	3	0.2	1	3	3	0.2	0.2	0.4	0.07	0.3	0.03	<0.01	<0.01	<0.01	<0.02	0.02
MW-7	03/09/19	<0.03	<0.01	3	10	15	1	0.7	1	0.3	0.7	0.1	<0.01	0.07	<0.01	<0.02	0.05
MW-7	11/02/19	<0.03	0.1	0.5	1	1	<0.01	<0.01	0.09	0.03 J	0.08	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-7	03/09/20	29.4	<0.500	15.8	35.4	51.6	<0.500	1.14	6.87	0.968	2.01	0.674	<0.500	0.240 J	<0.500	<0.500	0.277 J
MW-7	09/13/20	LNAPL IN WELL															
MW-7	09/07/21	LNAPL IN WELL															
MW-7	02/16/22	1.99	<0.0500	1.16	2.79	2.21	0.0727	0.0434 J	0.0889	<0.0500	0.0179 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-7	08/17/22	1.89	<0.0500	0.902	2.24	1.61	<0.0500	0.0388 J	0.0765	<0.0500	0.0237 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500

Table 3. Groundwater Analytical Results - Select Semi-Volatile Organic Compounds
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

Well ID	Date	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo (a) anthracene	Chrysene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenz (a,h) anthracene	Benzo (g,h,i) perylene
MW-7	02/22/23	1.69	0.320	1.34	3.25	3.53	<0.0500	0.0984 J	0.136	0.0226 J	0.0409 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-7	08/09/23	3.22	<0.0500	2.43	5.78	4.63	<0.0500	0.371	0.891	0.0834	0.151	0.0479 J	<0.0500	0.0388 J	<0.0500	<0.0500	0.0239 J
MW-7	02/15/24	3.06	0.360	1.73	4.16	4.10	<0.0500	0.128	0.208	0.0249 J	0.0511	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-7	08/07/24	LNAPL IN WELL															
MW-8	12/02/18	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-8	03/09/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-8	06/08/19	0.070	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.01 J	<0.01	<0.01	<0.01	<0.02	<0.01
MW-8	09/10/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-8	11/02/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-8	03/09/20	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.05	<0.05	0.00561 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-8	09/13/20	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-8	09/07/21	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-8	02/16/22	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-8	08/17/22	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-8	02/22/23	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-8	08/09/23	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-8	02/15/24	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-8	08/08/24	<0.250	<0.0500	<0.0500	<0.0500	0.0187 B J	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-9	09/10/19	<0.03	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-9	11/02/19	<0.03	<0.01	<0.01	<0.01	<0.03	0.02 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01
MW-9	03/09/20	0.0320 J	<0.0500	<0.0500	0.00873 J	0.0172 J	0.0414 J	<0.05	<0.05	0.00673 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00452 J
MW-9	09/13/20	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	0.057	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-9	09/07/21	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	0.0678	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-9	02/16/22	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	0.0228 J	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-9	08/17/22	UNABLE TO LOCATE															
MW-9	02/22/23	0.422	<0.0500	0.0746	0.152	0.0364 J	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-9	08/09/23	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-9	02/15/24	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	0.0216 J	<0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MW-9	08/08/24	<0.500	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
RBCs: Volatilization to Outdoor Air																	
Residential		3,600	NA	>S	>S	NA	>S	NV	>S	>S	NV	NV	NV	NV	NV	NV	NA
Urban Residential		8,500	NA	>S	>S	NA	>S	NV	>S	>S	NV	NV	NV	NV	NV	NV	NA
Occupational		16,000	NA	>S	>S	NA	>S	NV	>S	>S	NV	NV	NV	NV	NV	NV	NA
RBCs: Vapor Intrusion Into Buildings																	
Commercial		50	NA	NITI	NITI	NA	NITI	NITI, NV	NITI	2,300	NV	NV	NV	NV	NV	NV	NA
RBCs: Groundwater in Excavation																	
Construction and Excavation Worker		500	NA	>S	>S	NA	>S	>S	>S	>S	>S	>S	>S	>S	>S	>S	NA

Table 3. Groundwater Analytical Results - Select Semi-Volatile Organic Compounds
Former Chevron Bulk Terminal No. 1001782
SE Davis Street and SE Chandler Avenue
McMinnville, Oregon

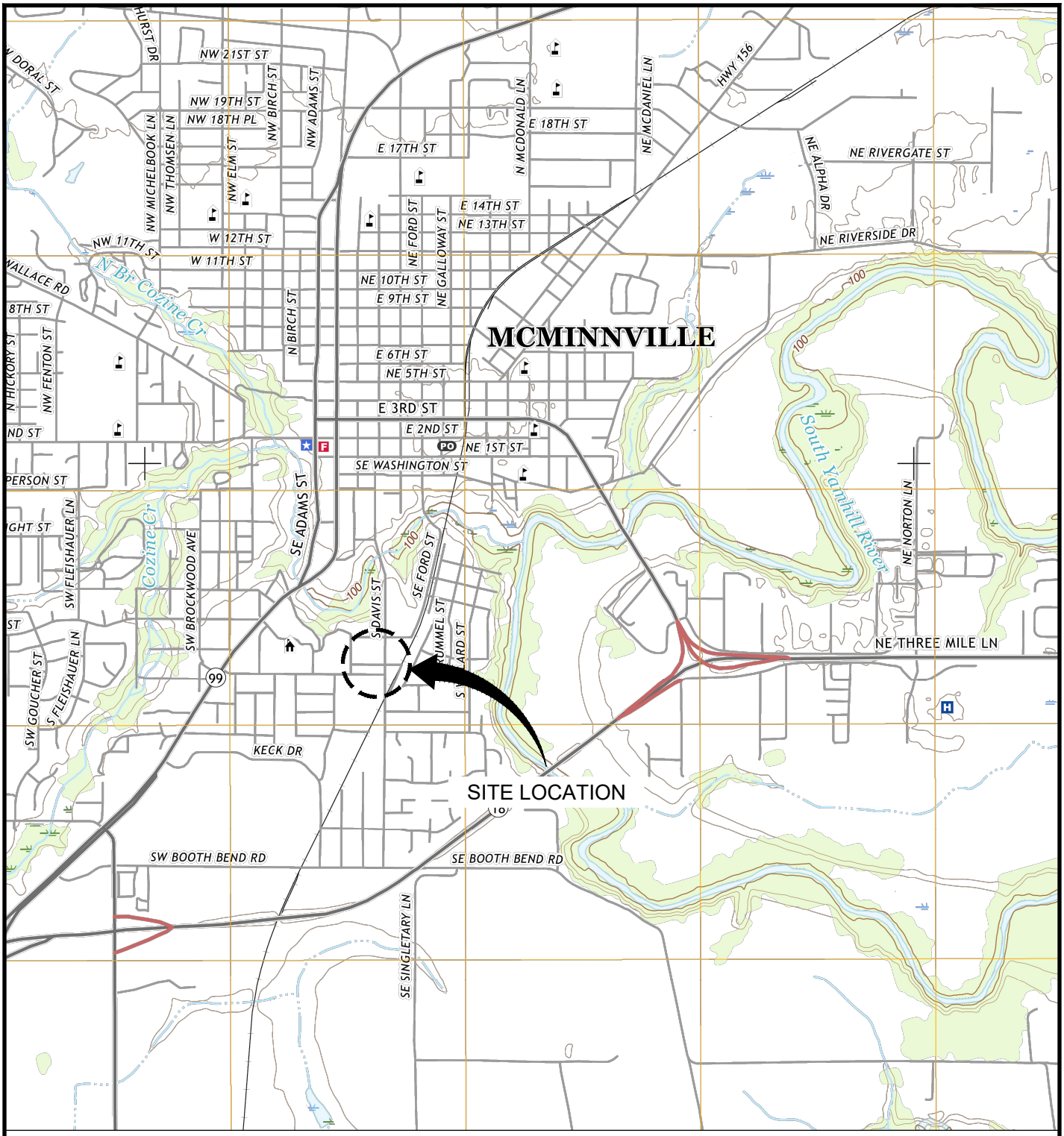
EXPLANATIONS:
Concentrations reported in µg/L
Results in bold indicate analyte detected above one or more generic RBCs
RBCs are based on values presented in Appendix A of the Oregon DEQ's Risk-Based Decision Making for the Remediation of Petroleum Contaminated Sites (Oregon DEQ, 2003; updated June 2012).
The RBCs for vapor intrusion into buildings was updated by the Oregon DEQ in June 2023. The results starting in August 2023 are bolded based on the updated RBCs. Results prior to August 2023 are bolded based on the previous RBC values.
All concentrations are in micrograms per Liter
DEQ = Department of Environmental Quality
MDL = Method Detection Limit
NA = A generic RBC has not been established
NITI = No inhalation toxicity information
NV = Non-volatile. This chemical is considered non-volatile for purposes of the exposure calculations.
PAHs = Polynuclear aromatic hydrocarbons
RBCs = Risk-Based Concentrations
QC = Quality Control
B = The same analyte is found in the associated blank.
J = Estimated value between the method detection limit (MDL) and RDL.
J3= The associated batch QC was outside the established quality
<1.00 = Not Detected at or above the reported detection limit (RDL)
SIM = Selective ion monitoring
SVOCs = Semi-Volatile Organic Compounds
µg/L = Micrograms per liter

-- = Not Analyzed
>S = The groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.

ANALYTICAL METHOD:
Selected SVOCs by 8270E-SIM.

NOTES:
1 Laboratory report indicates due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.
2 The laboratory report indicates the surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.
3 Laboratory report indicates the reporting limits were raised due to interference from the sample matrix.

FIGURES



SOURCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., MCMINNVILLE, OREGON 2017.

N

AREA LOCATION

OREGON

0 1,000' 2,000'

APPROXIMATE SCALE 1 in. = 1,000 ft.

FORMER CHEVRON BULK TERMINAL NO. 1001782
SE DAVIS STREET AND SE CHANDLER AVENUE
McMINNVILLE, OREGON
2SA24 GROUNDWATER MONITORING REPORT

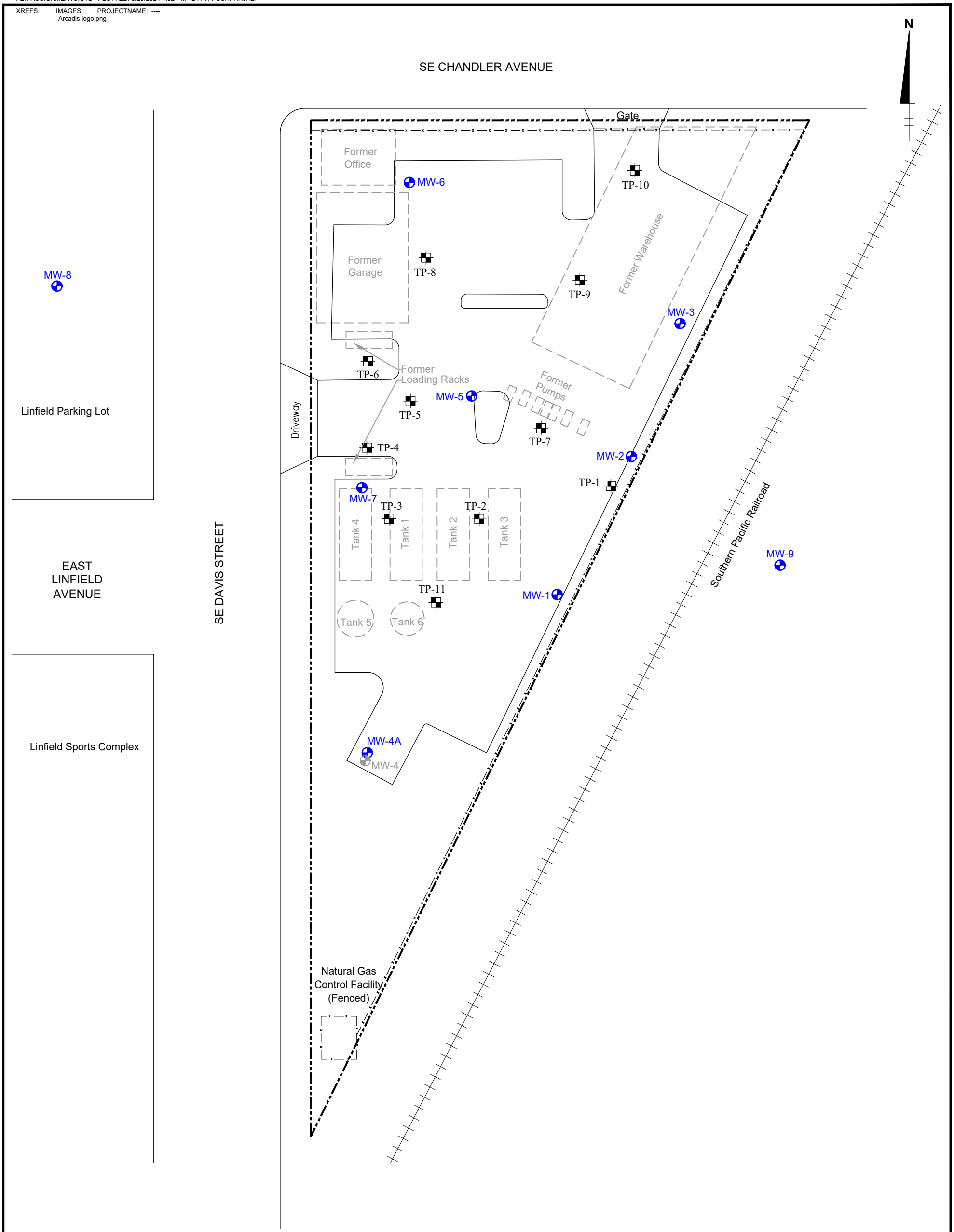
SITE LOCATION MAP

ARCADIS

FIGURE 1

C:\Users\vp8717\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_1001782_MCMINNVILLE_OR\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GEN-F02-SITE PLAN.dwg LAYOUT: 2 SAVED: 8/29/2024 1:31 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: DEFAULT R14 PEN ASSIGNMENTS.CTB PLOTTED: 8/29/2024 1:32 PM BY: V, PUSHPANJALI

XREFS: IMAGES: PROJECTNAME: ----
Arcadis logo.png



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- FENCE LINE
- FORMER BULK TERMINAL FEATURES
- GROUNDWATER MONITORING WELL
- ABANDONED GROUNDWATER MONITORING WELL
- TEST PITS

REFERENCE

1. BASE MAP PROVIDED BY LEIDOS, DATED 10-1-2018.

0 30' 60'

APPROXIMATE SCALE 1 in. = 30 ft.

FORMER CHEVRON BULK TERMINAL NO. 1001782
SE DAVIS STREET AND SE CHANDLER AVENUE
McMINNVILLE, OREGON

2SA24 GROUNDWATER MONITORING REPORT

SITE PLAN

ARCADIS

FIGURE
2

C:\Users\vp8717\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_1001782_MCMINNVILLE_OR\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2024Q3-F03-GROUNDWATER CONTOUR AND ANALYTICA.dwg LAYOUT: 3 SAVED: 9/20/2024 2:37 PM ACADVER: 24.2S (LMS TECH)
PAGESETUP: ---- PLOTSTYLETABLE: DEFAULT R14 PEN ASSIGNMENTS.CTB PLOTTED: 9/20/2024 2:39 PM BY: V, PUSHPANJALI
XREFS: IMAGES: PROJECTNAME: ----
GEN-X-BASE Arcadis logo.png

MW-8					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/08/2024
TPH-G	33.0 B J	39.7 B J	<100	<100	<100
TPH-D	<100	50.2 B J	51.9 J	<100 J3	<100
TPH-O	--	--	--	--	--
TPH-R	<250	150 B J	109 B J	<250	<250
BENZENE	<1.00	<1.00	<1.00	<1.00	<1.00

MW-6					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/07/2024
TPH-G	46.3 B J	44.2 B J	<100	<100	32.0 B J
TPH-D	<100	79.3 B J	<100	<100	<100
TPH-O	--	--	--	--	--
TPH-R	<250	244 B J	<250	<250	<250
BENZENE	<1.00	<1.00	<1.00	<1.00	<1.00

SE CHANDLER AVENUE

Gate

Former Office

Former Garage

Former Warehouse

Former Pumps

Former

Driveway

Loading Racks

Tank 1

Tank 2

Tank 3

Tank 4

Tank 5

Tank 6

MW-6 (137.72)

MW-8 (137.27)

MW-7 (138.01)

MW-5 (137.99)

MW-4A (137.65)

MW-4

MW-3 (138.02)

MW-2 (137.87)

MW-1 (138.56)

MW-9 (139.32)

TP-1

TP-2

TP-3

TP-4

TP-5

TP-6

TP-7

TP-8

TP-9

TP-10

TP-11

137.50

138.00

138.50

139.00

0.016 FT/FT

SE DAVIS STREET

Southern Pacific Railroad

Linfield Parking Lot

EAST LINFIELD AVENUE

Linfield Sports Complex

Natural Gas Control Facility (Fenced)

N

MW-7					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/07/2024
TPH-G	4,090 B	6,180 B	**4,570**	**4,570**	NS
TPH-D	1,870	3,270	**23,700**	**7,130 J3**	NS
TPH-O	--	--	--	--	NS
TPH-R	318	916 B	4,830	3,000	NS
BENZENE	15.8	15.7	**13.4**	**13.7**	NS

MW-4A					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/07/2024
TPH-G	33.7 B J	71.2 B J	<100	<100	40.3 B J
TPH-D	<100	<100	<100	<100 J3	<100
TPH-O	--	--	--	--	--
TPH-R	156 J	84.1 B J	<250	<250	<250
BENZENE	<1.00	<1.00	<1.00	<1.00	<1.00

MW-5					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/07/2024
TPH-G	4,860	2,870 B	<5,000	**3,670**	**2,150**
TPH-D	<100	128 B	<100	<100 J3	35.1 J
TPH-O	--	--	--	--	--
TPH-R	<250	208 B J	<250	<250	<250
BENZENE	0.627 J	0.253 J	0.436 J	0.472 J	<1.00

MW-3					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/07/2024
TPH-G	1,160 B	1,000 B	<5,000	**922**	400
TPH-D	<100	90.1 B J	39.6 J	<100 J3	38.3 J
TPH-O	--	--	--	--	--
TPH-R	<250	127 B J	<250	<250	<250
BENZENE	0.184 J	0.0955 J	0.403 J	<1.00	<1.00

MW-9					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/08/2024
TPH-G	NS	554 B	<100	<100	<100
TPH-D	NS	118 B	<100	<100 J3	<100
TPH-O	NS	--	--	--	--
TPH-R	NS	150 B J	<250	<250	<250
BENZENE	NS	<1.00	<1.00	<1.00	<1.00

MW-2					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/07/2024
TPH-G	5,950 B	5,430	**9,690**	**5,020**	NS
TPH-D	2,580	1,620	**5,930**	**2,260 J3**	NS
TPH-O	--	--	--	--	NS
TPH-R	423	208 B J	573 B	<250	NS
BENZENE	374	105	**397**	**55.6**	NS

MW-1					
Sample Date	08/17/2022	02/22/2023	08/09/2023	02/15/2024	08/07/2024
TPH-G	1,990	1,070	**1,530**	**1,350**	**1,870**
TPH-D	57.2 J	87.7 B J	136	35.3 J J3	128
TPH-O	--	--	--	--	--
TPH-R	<250	113 B J	<250	<250	<250
BENZENE	0.132 J	<1.00	0.123 J	<1.00	<1.00

NOTES

1. MW-9 WAS INSTALLED IN JUNE 2019.
2. BASE MAP PROVIDED BY LEIDOS, DATED 10-1-2018.

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- FENCE LINE
- FORMER SITE FEATURE
- GROUNDWATER MONITORING WELL
- ABANDONED GROUNDWATER MONITORING WELL
- TEST PITS
- (139.32) GROUNDWATER ELEVATION (FEET)
- 139.00 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW
- 0.016 FT/FT APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)

- TPH-G TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
- TPH-D TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE ORGANICS
- TPH-O TOTAL PETROLEUM HYDROCARBONS AS OIL RANGE ORGANICS
- TPH-R TOTAL PETROLEUM HYDROCARBONS AS RESIDUAL RANGE ORGANICS
- -- NOT ANALYZED
- NS NOT SAMPLED
- < NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT (RDL)
- B THE SAME ANALYTE IS FOUND IN THE ASSOCIATED BLANK
- J THE COMPOUND WAS POSITIVELY IDENTIFIED; HOWEVER, THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY
- J3 THE ASSOCIATED BATCH QC WAS OUTSIDE THE ESTABLISHED QUALITY CONTROL RANGE FOR PRECISION

BOLD CONCENTRATION EXCEEDS APPLICABLE RISK-BASED CONCENTRATIONS (RBCS) AT THE TIME OF SAMPLING, UPDATED BY THE OREGON DEQ IN JUNE 2023

ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µg/L)

0 30' 60'

APPROXIMATE SCALE 1 in. = 30 ft.

FORMER CHEVRON BULK TERMINAL NO. 1001782
SE DAVIS STREET AND SE CHANDLER AVENUE
McMINNVILLE, OREGON
2SA24 GROUNDWATER MONITORING REPORT

GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL MAP AUGUST 7 AND 8, 2024

ARCADIS

FIGURE 3

ATTACHMENT A

Field Data Sheets and Technical Guidance Instructions

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

August 16, 2024

ARCADIS
Christine Perez
320 Commerce, Suite 200
Irvine, CA 92602, CA

Third Quarter 2024 Monitoring at
Site Number 1001782
SE Chandler Avenue & SE Davis Street
MCMINNVILLE, OR

Monitoring performed on August 7 & 8, 2024

Blaine Tech Services, Inc. Groundwater Monitoring Event 240807-DO1

This submission covers the routine monitoring of groundwater wells conducted on August 7 & 8, 2024 at this location. Nine monitoring wells were measured for depth to groundwater (DTW) and presence of separate-phase hydrocarbons (SPH). Seven monitoring wells were sampled. All sampling activities were performed in accordance with local, state and federal guidelines.

Water levels and separate-phase measurements were collected using an electronic water level meter or oil-water interface detector. All sampled wells were sampled utilizing the Low-flow Sampling Method. Purging was accomplished using peristaltic pumps, bladder pumps, electric submersible pumps, positive air-displacement pumps. All reused equipment was decontaminated with de-ionized water and Liquinox or equivalent.

Samples were delivered under chain-of-custody to Pace Analytical for analysis. Monitoring well purgewater and equipment rinsate water was collected and transported under bill of lading to Blaine Tech Services, Inc.'s yard in Auburn, WA, and bulked for future transportation (within 90 days) under non-hazardous manifest for disposal at Evoqua Water Technologies, a licensed facility.

Enclosed documentation from this event includes copies of the Well Gauging Sheet, Well Monitoring Data Sheets, Bill of Lading, and Chain-of-Custody.

SAN JOSE SACRAMENTO LOS ANGELES SAN DIEGO SEATTLE
1680 ROGERS AVENUE SAN JOSE, CA (408) 573-0555 FAX (408) 573-7771 LIC. 746684 WWW.BLAINETECH.COM

Blaine Tech Services, Inc.'s activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrogeologic conditions or formulation of recommendations was performed.

Please call if you have any questions.

Thank you,

Lee Bures
Blaine Tech Services, Inc
Project Manager

attachments: Well Gauging Sheet
Individual Well Monitoring Data Sheets
Chain of Custody Forms
Wellhead Inspection Form
Bill of Lading

SAN JOSE SACRAMENTO LOS ANGELES SAN DIEGO SEATTLE
1680 ROGERS AVENUE SAN JOSE, CA (408) 573-0555 FAX (408) 573-7771 LIC. 746684 WWW.BLAINETECH.COM

Groundwater Gauging Log

Project Number	30063816
Client:	Chevron
Site ID:	1001782
Site Location:	Mcminnville, Oregon
Measuring Point:	Top of Casing
Date(s):	08/07/2024
Sampler(s):	Diana Ojeda
Gauging Equipment:	Interface Probe

Well ID	Date	Gauging Time	Static Water Level (ft bmp)	Depth to Product (ft bmp)	Total Depth (ft bmp)	PID Reading (ppm)	LNAPL Removed (gal)	Comments
MW-1	08/07/2024	11:29	8.62	ND	19.72	--	--	--
MW-2	08/07/2024	11:36	9.64	9.56	--	--	--	--
MW-3	08/07/2024	11:25	9.61	ND	20.80	--	--	--
MW-4A	08/07/2024	11:15	10.46	ND	17.01	--	--	--
MW-5	08/07/2024	11:33	8.14	ND	15.39	--	--	--
MW-6	08/07/2024	11:19	10.15	ND	17.00	--	--	--
MW-7	08/07/2024	11:38	9.02	8.91	--	--	--	--
MW-8	08/07/2024	12:05	10.12	ND	16.99	--	--	--
MW-9	08/07/2024	11:57	8.07	ND	16.54	--	--	--

ft-bmp = feet below measuring point ND = Not Detected PID = Photoionization Detector Reading

ppm = parts per million -- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063816	**Well ID**	MW-1	**Date**	8/7/2024		
Site Location	Mcminnville, Oregon	**Site ID**	1001782	**Weather (°F)**	Clear	**Sampled by**	Diana Ojeda
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	5 to 20	**Casing Diameter (in.)**	2	**Well Casing Material**	
Static Water Level (ft-bmp)	8.62	**Total Depth (ft-bmp)**	19.72	**Water Column (ft)**	11.1	**Gallons in Well**	1.8
Water Quality Meter Make/Model	Hach 2100Q,Hanna HI 98129	**Purge Method**	Low-Flow	**Collection Type**		Grab	

Sample Time	14:06	**Well Volumes Purged**	0.44	**Sample ID**	MW-1-W-20240807	**Purge Equipment**	Peristaltic
Purge Start	13:48	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Peristaltic
Purge End	13:52	**Total Purge Time (h:m)**	0:4				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
13:51	200	8.75	7.20	0.411	12.0	2.11	20.76	226.2	--	--
13:54	200	8.79	7.14	0.412	11.0	2.10	20.72	223.7	--	--
13:57	200	8.88	7.12	0.411	10.0	2.09	20.78	221.9	--	--
14:00	200	8.93	7.08	0.411	10.0	2.10	20.49	218.3	--	--
14:03	200	8.99	7.07	0.410	10.0	2.10	20.63	216.5	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-1-W-20240807 Sample Time: 14:06 Sample Depth (ft-bmp) (e.g. pump intake): 14.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride
mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063816	**Well ID**	MW-3	**Date**	8/7/2024		
Site Location	Mcminnville, Oregon	**Site ID**	1001782	**Weather (°F)**	Clear	**Sampled by**	Diana Ojeda
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	6 to 21	**Casing Diameter (in.)**	2	**Well Casing Material**	
Static Water Level (ft-bmp)	9.61	**Total Depth (ft-bmp)**	20.8	**Water Column (ft)**	11.19	**Gallons in Well**	1.82
Water Quality Meter Make/Model	Hach 2100Q,Hanna HI 98129	**Purge Method**	Low-Flow	**Collection Type**		Grab	
Sample Time	13:36	**Well Volumes Purged**	0.44	**Sample ID**	MW-3-W-20240807	**Purge Equipment**	Peristaltic
Purge Start	13:18	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Peristaltic
Purge End	13:20	**Total Purge Time (h:m)**	0:2				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
13:21	200	9.7	6.65	0.673	19.0	2.15	19.82	274.7	--	--
13:24	200	9.77	6.89	0.701	15.0	2.10	20.30	235.7	--	--
13:27	200	9.79	6.91	0.701	14.0	2.10	20.41	233.2	--	--
13:30	200	9.82	6.97	0.705	14.0	2.11	20.34	233.4	--	--
13:33	200	9.85	6.98	0.703	14.0	2.11	20.54	228.7	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-3-W-20240807 Sample Time: 13:36 Sample Depth (ft-bmp) (e.g. pump intake): 15.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride
mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063816	**Well ID**	MW-4A	**Date**	8/7/2024		
Site Location	Mcminnville, Oregon	**Site ID**	1001782	**Weather (°F)**	Clear	**Sampled by**	Diana Ojeda
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	2 to 17	**Casing Diameter (in.)**	2	**Well Casing Material**	
Static Water Level (ft-bmp)	10.46	**Total Depth (ft-bmp)**	17.01	**Water Column (ft)**	6.55	**Gallons in Well**	1.06
Water Quality Meter Make/Model	Hach 2100Q,Hanna HI 98129	**Purge Method**	Low-Flow	**Collection Type**		Grab	

Sample Time	12:35	**Well Volumes Purged**	0.75	**Sample ID**	MW-4A-W-20240807	**Purge Equipment**	Peristaltic
Purge Start	12:17	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Peristaltic
Purge End	12:32	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
12:20	200	10.55	7.20	0.235	24.0	2.09	18.95	279.3	--	--
12:23	200	10.59	6.91	0.235	22.0	2.08	19.09	286.7	--	--
12:26	200	10.66	6.30	0.232	18.0	2.08	20.35	289	--	--
12:29	200	10.72	6.26	0.231	18.0	2.09	20.30	296.5	--	--
12:32	200	10.77	6.24	0.231	17.0	2.09	20.27	298.1	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-4A-W-20240807 Sample Time: 12:35 Sample Depth (ft-bmp) (e.g. pump intake): 13.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride
mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063816	**Well ID**	MW-5	**Date**	8/7/2024		
Site Location	Mcminnville, Oregon	**Site ID**	1001782	**Weather (°F)**	Clear	**Sampled by**	Diana Ojeda
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	5 to 20	**Casing Diameter (in.)**	2	**Well Casing Material**	
Static Water Level (ft-bmp)	8.14	**Total Depth (ft-bmp)**	15.39	**Water Column (ft)**	7.25	**Gallons in Well**	1.18
Water Quality Meter Make/Model	Hach 2100Q,Hanna HI 98129	**Purge Method**	Low-Flow	**Collection Type**		Grab	

Sample Time	14:36	**Well Volumes Purged**	0.67	**Sample ID**	MW-5-W-20240807	**Purge Equipment**	Peristaltic
Purge Start	14:18	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Peristaltic
Purge End	14:21	**Total Purge Time (h:m)**	0:3				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
14:21	200	8.2	7.32	0.175	17.0	2.24	23.86	207.2	--	--
14:24	200	8.23	7.25	0.175	15.0	2.11	24.02	204.9	--	--
14:27	200	8.16	7.16	0.174	14.0	2.09	23.90	203.3	--	--
14:30	200	8.18	7.13	0.174	14.0	2.09	23.98	202.1	--	--
14:33	200	8.2	7.11	0.174	14.0	2.10	23.89	201.4	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-5-W-20240807 Sample Time: 14:36 Sample Depth (ft-bmp) (e.g. pump intake): 11.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063816	**Well ID**	MW-6	**Date**	8/7/2024		
Site Location	Mcminnville, Oregon	**Site ID**	1001782	**Weather (°F)**	Clear	**Sampled by**	Diana Ojeda
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	2 to 17	**Casing Diameter (in.)**	2	**Well Casing Material**	
Static Water Level (ft-bmp)	10.15	**Total Depth (ft-bmp)**	17	**Water Column (ft)**	6.85	**Gallons in Well**	1.11
Water Quality Meter Make/Model	Hach 2100Q,Hanna HI 98129	**Purge Method**	Low-Flow	**Collection Type**		Grab	
Sample Time	13:10	**Well Volumes Purged**	0.71	**Sample ID**	MW-6-W-20240807	**Purge Equipment**	Peristaltic
Purge Start	12:52	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Peristaltic
Purge End	13:07	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
12:55	200	10.21	6.33	0.222	27.0	2.27	19.93	313.2	Clear	--
12:58	200	10.25	6.20	0.222	24.0	2.26	19.99	312.2	Clear	--
13:01	200	10.27	6.18	0.222	21.0	2.26	20.11	311.2	Clear	--
13:04	200	10.3	6.17	0.223	20.0	2.29	20.08	310.5	Clear	--
13:07	200	10.32	6.16	0.223	20.0	2.31	20.01	309.6	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-6-W-20240807 Sample Time: 13:10 Sample Depth (ft-bmp) (e.g. pump intake): 13.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride
mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063816	**Well ID**	MW-8	**Date**	8/8/2024		
Site Location	Mcminnville, Oregon	**Site ID**	1001782	**Weather (°F)**	Clear	**Sampled by**	Diana Ojeda
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	2 to 17	**Casing Diameter (in.)**	2	**Well Casing Material**	
Static Water Level (ft-bmp)	10.12	**Total Depth (ft-bmp)**	16.99	**Water Column (ft)**	6.87	**Gallons in Well**	1.12
Water Quality Meter Make/Model	Hach 2100Q,Hanna HI 98129	**Purge Method**	Low-Flow	**Collection Type**		Grab	

Sample Time	08:08	**Well Volumes Purged**	0.71	**Sample ID**	MW-8-W-20240808	**Purge Equipment**	Peristaltic
Purge Start	07:50	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Peristaltic
Purge End	08:05	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
07:53	200	10.2	8.30	0.113	13.0	2.44	17.68	218.2	--	--
07:56	200	10.27	8.14	0.113	10.0	2.42	17.88	228.3	--	--
07:59	200	10.32	7.67	0.112	9.0	2.45	17.96	245.9	--	--
08:02	200	10.36	7.60	0.111	9.0	2.46	18.04	251.4	--	--
08:05	200	10.38	7.58	0.111	9.0	2.45	18.06	254.5	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-8-W-20240808 Sample Time: 08:08 Sample Depth (ft-bmp) (e.g. pump intake): 13.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride
mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30063816	**Well ID**	MW-9	**Date**	8/8/2024		
Site Location	Mcminnville, Oregon	**Site ID**	1001782	**Weather (°F)**	Clear	**Sampled by**	Diana Ojeda
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	2 to 17	**Casing Diameter (in.)**	2	**Well Casing Material**	
Static Water Level (ft-bmp)	8.07	**Total Depth (ft-bmp)**	16.54	**Water Column (ft)**	8.47	**Gallons in Well**	1.38
Water Quality Meter Make/Model	Hach 2100Q,Hanna HI 98129	**Purge Method**	Low-Flow	**Collection Type**		Grab	

Sample Time	08:45	**Well Volumes Purged**	0.57	**Sample ID**	MW-9-W-20240808	**Purge Equipment**	Peristaltic
Purge Start	08:27	**Gallons Purged**	0.79	**Duplicate ID**	--	**Sample Equipment**	Peristaltic
Purge End	08:42	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
08:30	200	8.22	7.04	0.163	73.0	2.31	17.57	298.6	--	--
08:33	200	8.29	6.96	0.154	69.0	2.26	18.35	297	--	--
08:36	200	8.31	6.81	0.132	54.0	2.24	18.94	299.8	--	--
08:39	200	8.35	6.82	0.131	52.0	2.23	19.08	300.4	--	--
08:42	200	8.36	6.77	0.129	50.0	2.23	19.13	301.5	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-9-W-20240808 Sample Time: 08:45 Sample Depth (ft-bmp) (e.g. pump intake): 12.5

Analytes and Methods: See Chain-of-Custody. Depth to Water at Time of Sampling

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride
mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Company Name/Address:
Arcadis - Chevron - OR

111 SW Columbia St
Portland, OR 97201

Billing Information:
Accounts Payable
630 Plaza Dr STE 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Christine Perez

Email To:
Christine.Perez@arcadis.com;environmentDM-

Project Description:
1001782

City/State Collected: **Mcminnville, OR**

Please Circle: PT MT CT ET

Phone: **503-785-9405**

Client Project #
30063816 19.45-EXEC

Lab Project #
CHEVARCOR-1001782

Collected by (print):
Diana Ojeda

Collected by (signature):
Diana Ojeda

Immediately Packed on Ice N ___ Y X

Site/Facility ID #
SE CHANDLER AVE & SE DAVIS

P.O. #

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8260 BTEX 40mlAmb-HCl	8260 RBDM VOCs 40mlAmb-HCl	NWTPHDX w/ silica 100ml Amb-HCl	NWTPHGX 40mlAmb HCl	PAHs 8270SIM 40mlAmb-NoPres-WT								
MW-1-W-20240807	G	GW	-	8/7/24	1406	10		X	X	X	X								
MW-3-W-20240807		GW	-		1336	10		X	X	X	X								
MW-4A-W-20240807		GW	-		1235	10		X	X	X	X								
MW-5-W-20240807		GW	-		1436	10		X	X	X	X								
MW-6-W-20240807		GW	-		1310	10		X	X	X	X								
MW-8-W-20240808		GW	-	8/8/24	0808	10		X	X	X	X								
MW-9-W-20240808		GW	-		0845	10		X	X	X	X								
TB-1-20240808		GW	-		0900	2	X			X									
		GW																	

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG #

Table #

Acctnum: **CHEVARCOR**
Template: **T235142**
Prelogin: **P1092645**
PM: **110 - Brian Ford**
PB:

Shipped Via:

Remarks	Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Diana Ojeda	8/8/24	1400	Shipped via Fedex		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK

Well Inspection Log

ARCADIS

Client:	Chevron
Site ID:	1001782
Site Location:	Mcminnville, Oregon
Date(s):	8/8/2024,8/7/2024
Inspector(s):	Diana Ojeda

Well ID	Date	Easy to Locate?	Area Prone to Flooding?	Well Type	Well Housing/Pad in Good Condition?	Well Labels Present Outside Well?	Well Labels Present Inside Well?	Lock Present?	Lock Functioning?	Well Locked at Arrival?	Photos Taken?	Comments
MW-1	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--
MW-2	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--
MW-3	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--
MW-4A	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--
MW-5	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--
MW-6	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--
MW-7	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--
MW-8	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--
MW-9	08/07/2024	yes	no	flushmount	yes	no	no	yes	yes	yes	No	--

Well Inspection Log Photographs

Well ID	Date	Photo	Comments
MW-1	08/07/2024		None
MW-2	08/07/2024		None
MW-3	08/07/2024		None
MW-4A	08/07/2024		None

MW-5	08/07/2024		None
MW-6	08/07/2024		None
MW-7	08/07/2024		None
MW-8	08/08/2024		None

MW-9	08/08/2024		None

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 52 Chandler Ave, Menominee				PROJECT NUMBER 240807-D01			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
HANNA	07460037101	8/7/24 @ 0645	pH 4 7 10	4.08 7.05 9.99	✓	19.8	DO
			DO 100 Cond 3900 ORP 237.5	94.1 3892 236.8	✓	19.8	DO
HANNA	07460037101	8/8/24 @ 0639	pH 4 7 10	4.07 7.08 9.92	✓	19.7	DO
			Cond 3900 ORP 237.5 DO 100	3894 235.7 91.9	✓	19.8	DO

CHEVRON-WASHINGTON/OREGON TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING**

FOR PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF WASHINGTON AND OREGON. THE PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR AND HAULED TO THEIR FACILITY IN KENT, WASHINGTON FOR TEMPORARILY HOLDING PENDING TRANSPORT BY OTHERS TO FINAL DESTINATION.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE TECH), 22727 72ND Ave South, Suite D – 102, Kent, WA 98032. BLAINE TECH. is authorized by Chevron Environmental Management Company (CHEVRON EMC) to recover, collect, apportion into loads, and haul the purgewater that is drawn from wells at the CHEVRON EMC facility indicated below and to deliver that purgewater to BLAINE TECH for temporarily holding. Transport routing of the purgewater may be direct from one CHEVRON EMC facility to BLAINE TECH; from one CHEVRON EMC facility to BLAINE TECH via another CHEVRON EMC facility; or any combination thereof. The well purgewater is and remains the property of CHEVRON EMC.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Chevron facility described below:

100782	Christine Perez
CHEVRON #	Chevron Project Manager

SE Chandler Ave & SE Davis St	Mcminnville	OR
Street number street name	city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	1		
MW-3	1		
MW-4A	1		
MW-5	1		
MW-6	1		
MW-8	1		
MW-9	1		

added equip. rinse water 0.2

any other adjustments

TOTAL GALS. RECOVERED 7.2

loaded onto BTS vehicle # 162

BTS event #	time	date
240807-D01		8/7/24

signature

Blaine Tech Services, Inc.

Permit To Work

for Chevron EMC Sites

Client: Arcadis Date 8/7/24

Site Address: 52 Chandler Ave & 32 Davis St, Mcminnville, OR

Job Number: 240807-D01 Technician(s): DO

Pre-Job Safety Review

1. JMP reviewed, site restrictions and parking/access issues addressed. Reviewed: ☑

2. Special Permit Required Task Review

Are there any conditions or tasks that would require:	Yes	No
Confined space entry	☐	☑
Working at height	☐	☑
Lock-out/Tag-out	☐	☑
Excavations greater than 4 feet deep	☐	☑
Excavations within 3 feet of a buried active electrical line or product piping or within 10 feet of a high pressure gas line.	☐	☑
Use of overhead equipment within 15 feet of an overhead electrical power line or pole supporting one	☐	☑
Hot work	☐	☑

If "Yes" was the answer to any of the Special Permit Required Tasks above, the Project Manager will contact the client and arrange to modify the Scope of Work so that the Special Permit Required Tasks are not required to be performed by Blaine Tech Services employees.

	Yes	No
3. Is a Traffic Control Permit required for today's work?	☐	☑
If so is it in the folder?	☐	☐
Is it current?	☐	☐
Do you understand the Traffic Control Plan and what equipment you will need?	☐	☐

On site Pre-Job Safety Review

1. Reviewed and signed the site specific HASP.	☑
2. Route to hospital understood.	☑
3. Reviewed "Groundwater Monitoring Well Sampling General Job Safety Analysis included in the HASP.	☑
4. Exceptional circumstances today that are not covered by the HASP, JSA or JMP have been addressed and mitigated.	☑
5. Understands procedure to follow, if site circumstances change, to address new site hazards.	☑
6. There are no unexpected conditions which would make your task a Special Permit Required Task. If there is, contact your Project Manager.	☑
7. All site hazards have been communicated to all necessary onsite personnel during tailgate safety meeting.	☑
8. After lunch tailgate safety meeting refresher conducted.	☑

If Checklist Task cannot be completed, explain:

Permit To Work Authority: Diana Ojeda (Name) Technician (Title) 8/7/24 (Date) 0630 (Time)

ATTACHMENT B

Laboratory Report and Chain-of-Custody Documentation

ANALYTICAL REPORT

August 21, 2024

Arcadis - Chevron - OR

Sample Delivery Group:	L1765843
Samples Received:	08/09/2024
Project Number:	30063816 19.45-EXEC
Description:	1001782
Site:	SE CHANDLER AVE & SE DAVIS ST
Report To:	Christine Perez 111 SW Columbia St Portland, OR 97201

Entire Report Reviewed By:

Brian Ford

Project Manager

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

MW-1-W-20240807 L1765843-01 GW

Collected by: Diana Ojeda | Collected date/time: 08/07/24 14:06 | Received date/time: 08/09/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2345344	1	08/18/24 04:48	08/18/24 04:48	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2341524	1	08/13/24 08:00	08/13/24 08:00	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2341886	1	08/14/24 03:00	08/15/24 16:14	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2341831	1	08/14/24 08:12	08/15/24 07:03	DSH	Mt. Juliet, TN

MW-3-W-20240807 L1765843-02 GW

Collected by: Diana Ojeda | Collected date/time: 08/07/24 13:36 | Received date/time: 08/09/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2346091	1	08/20/24 01:40	08/20/24 01:40	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2341524	1	08/13/24 08:22	08/13/24 08:22	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2341886	1	08/14/24 03:00	08/15/24 16:34	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2341831	1	08/14/24 08:12	08/15/24 07:20	DSH	Mt. Juliet, TN

MW-4A-W-20240807 L1765843-03 GW

Collected by: Diana Ojeda | Collected date/time: 08/07/24 12:35 | Received date/time: 08/09/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2346091	1	08/20/24 02:02	08/20/24 02:02	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2341524	1	08/13/24 08:44	08/13/24 08:44	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2341886	1	08/14/24 03:00	08/15/24 16:54	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2341831	1	08/14/24 08:12	08/15/24 07:38	DSH	Mt. Juliet, TN

MW-5-W-20240807 L1765843-04 GW

Collected by: Diana Ojeda | Collected date/time: 08/07/24 14:36 | Received date/time: 08/09/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2345344	1	08/18/24 05:59	08/18/24 05:59	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2341524	1	08/13/24 09:06	08/13/24 09:06	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2341886	1	08/14/24 03:00	08/15/24 17:15	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2341831	1	08/14/24 08:12	08/15/24 07:56	DSH	Mt. Juliet, TN

MW-6-W-20240807 L1765843-05 GW

Collected by: Diana Ojeda | Collected date/time: 08/07/24 13:10 | Received date/time: 08/09/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2346091	1	08/20/24 02:25	08/20/24 02:25	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2341524	1	08/13/24 09:27	08/13/24 09:27	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2341886	1	08/14/24 03:00	08/15/24 17:35	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2341831	1	08/14/24 08:12	08/15/24 08:14	DSH	Mt. Juliet, TN

MW-8-W-20240808 L1765843-06 GW

Collected by: Diana Ojeda | Collected date/time: 08/08/24 08:08 | Received date/time: 08/09/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2346091	1	08/20/24 02:48	08/20/24 02:48	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2341524	1	08/13/24 09:49	08/13/24 09:49	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2341886	1	08/14/24 03:00	08/15/24 17:55	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2342717	1	08/15/24 07:26	08/15/24 21:31	JRM	Mt. Juliet, TN

MW-9-W-20240808 L1765843-07 GW

Collected by: Diana Ojeda
Collected date/time: 08/08/24 08:45
Received date/time: 08/09/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2346091	1	08/20/24 03:11	08/20/24 03:11	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2341524	1	08/13/24 10:11	08/13/24 10:11	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2343311	1	08/15/24 07:49	08/15/24 15:47	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2342717	2	08/15/24 07:26	08/16/24 03:05	JRM	Mt. Juliet, TN

TB-1-20240808 L1765843-08 GW

Collected by: Diana Ojeda
Collected date/time: 08/08/24 09:00
Received date/time: 08/09/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2346091	1	08/20/24 01:17	08/20/24 01:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2341531	1	08/13/24 05:36	08/13/24 05:36	WHS	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford
Project Manager

Sample Delivery Group (SDG) Narrative

Analyzed from headspace vial.

Lab Sample ID	Project Sample ID	Method
L1765843-08	TB-1-20240808	NWTPHGX

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	1870		31.6	100	1	08/18/2024 04:48	WG2345344
(S) a,a,a-Trifluorotoluene(FID)	*92.1*			*78.0-120*		*08/18/2024 04:48*	WG2345344

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	08/13/2024 08:00	WG2341524
Ethylbenzene	0.398	J	0.137	1.00	1	08/13/2024 08:00	WG2341524
Toluene	U		0.278	1.00	1	08/13/2024 08:00	WG2341524
Xylenes, Total	0.392	J	0.174	3.00	1	08/13/2024 08:00	WG2341524
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2024 08:00	WG2341524
Naphthalene	U	C3	1.00	5.00	1	08/13/2024 08:00	WG2341524
1,2-Dibromoethane	U		0.126	1.00	1	08/13/2024 08:00	WG2341524
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2024 08:00	WG2341524
Isopropylbenzene	3.48		0.105	1.00	1	08/13/2024 08:00	WG2341524
n-Propylbenzene	2.56		0.0993	1.00	1	08/13/2024 08:00	WG2341524
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/13/2024 08:00	WG2341524
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/13/2024 08:00	WG2341524
(S) Toluene-d8	*87.6*			*80.0-120*		*08/13/2024 08:00*	WG2341524
(S) 4-Bromofluorobenzene	*89.6*			*77.0-126*		*08/13/2024 08:00*	WG2341524
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*08/13/2024 08:00*	WG2341524

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	128		33.3	100	1	08/15/2024 16:14	WG2341886
Residual Range Organics (RRO)	U		83.3	250	1	08/15/2024 16:14	WG2341886
(S) o-Terphenyl	*78.3*			*31.0-160*		*08/15/2024 16:14*	WG2341886

Sample Narrative:

L1765843-01 WG2341886: Sample resembles laboratory standard for Gasoline.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	0.0671		0.0190	0.0500	1	08/15/2024 07:03	WG2341831
Acenaphthene	0.278		0.0190	0.0500	1	08/15/2024 07:03	WG2341831
Acenaphthylene	U		0.0171	0.0500	1	08/15/2024 07:03	WG2341831
Benzo(a)anthracene	U		0.0203	0.0500	1	08/15/2024 07:03	WG2341831
Benzo(a)pyrene	U		0.0184	0.0500	1	08/15/2024 07:03	WG2341831
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/15/2024 07:03	WG2341831
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	08/15/2024 07:03	WG2341831
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/15/2024 07:03	WG2341831
Chrysene	U		0.0179	0.0500	1	08/15/2024 07:03	WG2341831
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/15/2024 07:03	WG2341831
Fluoranthene	U		0.0270	0.100	1	08/15/2024 07:03	WG2341831
Fluorene	0.696		0.0169	0.0500	1	08/15/2024 07:03	WG2341831
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/15/2024 07:03	WG2341831
Naphthalene	U		0.0917	0.250	1	08/15/2024 07:03	WG2341831
Phenanthrene	0.122		0.0180	0.0500	1	08/15/2024 07:03	WG2341831
Pyrene	U		0.0169	0.0500	1	08/15/2024 07:03	WG2341831
1-Methylnaphthalene	1.42		0.0687	0.250	1	08/15/2024 07:03	WG2341831
2-Methylnaphthalene	U		0.0674	0.250	1	08/15/2024 07:03	WG2341831

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
2-Chloronaphthalene	U		0.0682	0.250	1	08/15/2024 07:03	WG2341831
(S) Nitrobenzene-d5	*85.3*			*31.0-160*		*08/15/2024 07:03*	WG2341831
(S) 2-Fluorobiphenyl	*84.7*			*48.0-148*		*08/15/2024 07:03*	WG2341831
(S) p-Terphenyl-d14	*83.7*			*37.0-146*		*08/15/2024 07:03*	WG2341831

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	400		31.6	100	1	08/20/2024 01:40	WG2346091
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*08/20/2024 01:40*	WG2346091

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	08/13/2024 08:22	WG2341524
Ethylbenzene	U		0.137	1.00	1	08/13/2024 08:22	WG2341524
Toluene	U		0.278	1.00	1	08/13/2024 08:22	WG2341524
Xylenes, Total	U		0.174	3.00	1	08/13/2024 08:22	WG2341524
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2024 08:22	WG2341524
Naphthalene	U	C3	1.00	5.00	1	08/13/2024 08:22	WG2341524
1,2-Dibromoethane	U		0.126	1.00	1	08/13/2024 08:22	WG2341524
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2024 08:22	WG2341524
Isopropylbenzene	0.598	J	0.105	1.00	1	08/13/2024 08:22	WG2341524
n-Propylbenzene	U		0.0993	1.00	1	08/13/2024 08:22	WG2341524
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/13/2024 08:22	WG2341524
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/13/2024 08:22	WG2341524
(S) Toluene-d8	*95.1*			*80.0-120*		*08/13/2024 08:22*	WG2341524
(S) 4-Bromofluorobenzene	*88.0*			*77.0-126*		*08/13/2024 08:22*	WG2341524
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*08/13/2024 08:22*	WG2341524

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	38.3	J	33.3	100	1	08/15/2024 16:34	WG2341886
Residual Range Organics (RRO)	U		83.3	250	1	08/15/2024 16:34	WG2341886
(S) o-Terphenyl	*80.8*			*31.0-160*		*08/15/2024 16:34*	WG2341886

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	0.0420	J	0.0190	0.0500	1	08/15/2024 07:20	WG2341831
Acenaphthene	U		0.0190	0.0500	1	08/15/2024 07:20	WG2341831
Acenaphthylene	U		0.0171	0.0500	1	08/15/2024 07:20	WG2341831
Benzo(a)anthracene	U		0.0203	0.0500	1	08/15/2024 07:20	WG2341831
Benzo(a)pyrene	U		0.0184	0.0500	1	08/15/2024 07:20	WG2341831
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/15/2024 07:20	WG2341831
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	08/15/2024 07:20	WG2341831
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/15/2024 07:20	WG2341831
Chrysene	U		0.0179	0.0500	1	08/15/2024 07:20	WG2341831
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/15/2024 07:20	WG2341831
Fluoranthene	U		0.0270	0.100	1	08/15/2024 07:20	WG2341831
Fluorene	0.0220	J	0.0169	0.0500	1	08/15/2024 07:20	WG2341831
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/15/2024 07:20	WG2341831
Naphthalene	U		0.0917	0.250	1	08/15/2024 07:20	WG2341831
Phenanthrene	U		0.0180	0.0500	1	08/15/2024 07:20	WG2341831
Pyrene	U		0.0169	0.0500	1	08/15/2024 07:20	WG2341831
1-Methylnaphthalene	U		0.0687	0.250	1	08/15/2024 07:20	WG2341831
2-Methylnaphthalene	U		0.0674	0.250	1	08/15/2024 07:20	WG2341831
2-Chloronaphthalene	U		0.0682	0.250	1	08/15/2024 07:20	WG2341831
(S) Nitrobenzene-d5	*88.4*			*31.0-160*		*08/15/2024 07:20*	WG2341831
(S) 2-Fluorobiphenyl	*84.7*			*48.0-148*		*08/15/2024 07:20*	WG2341831

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) p-Terphenyl-d14	*80.5*			*37.0-146*		*08/15/2024 07:20*	WG2341831

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	40.3	B J	31.6	100	1	08/20/2024 02:02	WG2346091
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*78.0-120*		*08/20/2024 02:02*	WG2346091

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	08/13/2024 08:44	WG2341524
Ethylbenzene	U		0.137	1.00	1	08/13/2024 08:44	WG2341524
Toluene	U		0.278	1.00	1	08/13/2024 08:44	WG2341524
Xylenes, Total	U		0.174	3.00	1	08/13/2024 08:44	WG2341524
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2024 08:44	WG2341524
Naphthalene	U	C3	1.00	5.00	1	08/13/2024 08:44	WG2341524
1,2-Dibromoethane	U		0.126	1.00	1	08/13/2024 08:44	WG2341524
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2024 08:44	WG2341524
Isopropylbenzene	U		0.105	1.00	1	08/13/2024 08:44	WG2341524
n-Propylbenzene	U		0.0993	1.00	1	08/13/2024 08:44	WG2341524
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/13/2024 08:44	WG2341524
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/13/2024 08:44	WG2341524
(S) Toluene-d8	*94.8*			*80.0-120*		*08/13/2024 08:44*	WG2341524
(S) 4-Bromofluorobenzene	*89.9*			*77.0-126*		*08/13/2024 08:44*	WG2341524
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*08/13/2024 08:44*	WG2341524

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		33.3	100	1	08/15/2024 16:54	WG2341886
Residual Range Organics (RRO)	U		83.3	250	1	08/15/2024 16:54	WG2341886
(S) o-Terphenyl	*75.0*			*31.0-160*		*08/15/2024 16:54*	WG2341886

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	0.0278	J	0.0190	0.0500	1	08/15/2024 07:38	WG2341831
Acenaphthene	U		0.0190	0.0500	1	08/15/2024 07:38	WG2341831
Acenaphthylene	U		0.0171	0.0500	1	08/15/2024 07:38	WG2341831
Benzo(a)anthracene	U		0.0203	0.0500	1	08/15/2024 07:38	WG2341831
Benzo(a)pyrene	U		0.0184	0.0500	1	08/15/2024 07:38	WG2341831
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/15/2024 07:38	WG2341831
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	08/15/2024 07:38	WG2341831
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/15/2024 07:38	WG2341831
Chrysene	U		0.0179	0.0500	1	08/15/2024 07:38	WG2341831
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/15/2024 07:38	WG2341831
Fluoranthene	U		0.0270	0.100	1	08/15/2024 07:38	WG2341831
Fluorene	U		0.0169	0.0500	1	08/15/2024 07:38	WG2341831
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/15/2024 07:38	WG2341831
Naphthalene	U		0.0917	0.250	1	08/15/2024 07:38	WG2341831
Phenanthrene	U		0.0180	0.0500	1	08/15/2024 07:38	WG2341831
Pyrene	U		0.0169	0.0500	1	08/15/2024 07:38	WG2341831
1-Methylnaphthalene	U		0.0687	0.250	1	08/15/2024 07:38	WG2341831
2-Methylnaphthalene	U		0.0674	0.250	1	08/15/2024 07:38	WG2341831
2-Chloronaphthalene	U		0.0682	0.250	1	08/15/2024 07:38	WG2341831
(S) Nitrobenzene-d5	*94.7*			*31.0-160*		*08/15/2024 07:38*	WG2341831
(S) 2-Fluorobiphenyl	*84.7*			*48.0-148*		*08/15/2024 07:38*	WG2341831

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) p-Terphenyl-d14	*81.1*			*37.0-146*		*08/15/2024 07:38*	WG2341831

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	2150		31.6	100	1	08/18/2024 05:59	WG2345344
(S) a,a,a-Trifluorotoluene(FID)	*62.1*	J2		*78.0-120*		*08/18/2024 05:59*	WG2345344

Sample Narrative:

L1765843-04 WG2345344: Surrogate failure due to matrix interference

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	08/13/2024 09:06	WG2341524
Ethylbenzene	U		0.137	1.00	1	08/13/2024 09:06	WG2341524
Toluene	U		0.278	1.00	1	08/13/2024 09:06	WG2341524
Xylenes, Total	U		0.174	3.00	1	08/13/2024 09:06	WG2341524
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2024 09:06	WG2341524
Naphthalene	U	C3	1.00	5.00	1	08/13/2024 09:06	WG2341524
1,2-Dibromoethane	U		0.126	1.00	1	08/13/2024 09:06	WG2341524
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2024 09:06	WG2341524
Isopropylbenzene	1.72		0.105	1.00	1	08/13/2024 09:06	WG2341524
n-Propylbenzene	0.640	J	0.0993	1.00	1	08/13/2024 09:06	WG2341524
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/13/2024 09:06	WG2341524
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/13/2024 09:06	WG2341524
(S) Toluene-d8	*84.0*			*80.0-120*		*08/13/2024 09:06*	WG2341524
(S) 4-Bromofluorobenzene	*73.6*	J2		*77.0-126*		*08/13/2024 09:06*	WG2341524
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*08/13/2024 09:06*	WG2341524

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	35.1	J	33.3	100	1	08/15/2024 17:15	WG2341886
Residual Range Organics (RRO)	U		83.3	250	1	08/15/2024 17:15	WG2341886
(S) o-Terphenyl	*77.5*			*31.0-160*		*08/15/2024 17:15*	WG2341886

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0190	0.0500	1	08/15/2024 07:56	WG2341831
Acenaphthene	0.106		0.0190	0.0500	1	08/15/2024 07:56	WG2341831
Acenaphthylene	U		0.0171	0.0500	1	08/15/2024 07:56	WG2341831
Benzo(a)anthracene	U		0.0203	0.0500	1	08/15/2024 07:56	WG2341831
Benzo(a)pyrene	U		0.0184	0.0500	1	08/15/2024 07:56	WG2341831
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/15/2024 07:56	WG2341831
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	08/15/2024 07:56	WG2341831
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/15/2024 07:56	WG2341831
Chrysene	U		0.0179	0.0500	1	08/15/2024 07:56	WG2341831
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/15/2024 07:56	WG2341831
Fluoranthene	U		0.0270	0.100	1	08/15/2024 07:56	WG2341831
Fluorene	0.200		0.0169	0.0500	1	08/15/2024 07:56	WG2341831
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/15/2024 07:56	WG2341831
Naphthalene	U		0.0917	0.250	1	08/15/2024 07:56	WG2341831
Phenanthrene	U		0.0180	0.0500	1	08/15/2024 07:56	WG2341831
Pyrene	U		0.0169	0.0500	1	08/15/2024 07:56	WG2341831
1-Methylnaphthalene	1.07		0.0687	0.250	1	08/15/2024 07:56	WG2341831
2-Methylnaphthalene	U		0.0674	0.250	1	08/15/2024 07:56	WG2341831

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
2-Chloronaphthalene	U		0.0682	0.250	1	08/15/2024 07:56	WG2341831
(S) Nitrobenzene-d5	*83.2*			*31.0-160*		*08/15/2024 07:56*	WG2341831
(S) 2-Fluorobiphenyl	*88.4*			*48.0-148*		*08/15/2024 07:56*	WG2341831
(S) p-Terphenyl-d14	*87.9*			*37.0-146*		*08/15/2024 07:56*	WG2341831

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.0	B J	31.6	100	1	08/20/2024 02:25	WG2346091
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*08/20/2024 02:25*	WG2346091

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	08/13/2024 09:27	WG2341524
Ethylbenzene	U		0.137	1.00	1	08/13/2024 09:27	WG2341524
Toluene	U		0.278	1.00	1	08/13/2024 09:27	WG2341524
Xylenes, Total	U		0.174	3.00	1	08/13/2024 09:27	WG2341524
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2024 09:27	WG2341524
Naphthalene	U	C3	1.00	5.00	1	08/13/2024 09:27	WG2341524
1,2-Dibromoethane	U		0.126	1.00	1	08/13/2024 09:27	WG2341524
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2024 09:27	WG2341524
Isopropylbenzene	U		0.105	1.00	1	08/13/2024 09:27	WG2341524
n-Propylbenzene	U		0.0993	1.00	1	08/13/2024 09:27	WG2341524
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/13/2024 09:27	WG2341524
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/13/2024 09:27	WG2341524
(S) Toluene-d8	*94.6*			*80.0-120*		*08/13/2024 09:27*	WG2341524
(S) 4-Bromofluorobenzene	*89.8*			*77.0-126*		*08/13/2024 09:27*	WG2341524
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*08/13/2024 09:27*	WG2341524

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		33.3	100	1	08/15/2024 17:35	WG2341886
Residual Range Organics (RRO)	U		83.3	250	1	08/15/2024 17:35	WG2341886
(S) o-Terphenyl	*32.8*			*31.0-160*		*08/15/2024 17:35*	WG2341886

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0190	0.0500	1	08/15/2024 08:14	WG2341831
Acenaphthene	U		0.0190	0.0500	1	08/15/2024 08:14	WG2341831
Acenaphthylene	U		0.0171	0.0500	1	08/15/2024 08:14	WG2341831
Benzo(a)anthracene	U		0.0203	0.0500	1	08/15/2024 08:14	WG2341831
Benzo(a)pyrene	U		0.0184	0.0500	1	08/15/2024 08:14	WG2341831
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/15/2024 08:14	WG2341831
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	08/15/2024 08:14	WG2341831
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/15/2024 08:14	WG2341831
Chrysene	U		0.0179	0.0500	1	08/15/2024 08:14	WG2341831
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/15/2024 08:14	WG2341831
Fluoranthene	U		0.0270	0.100	1	08/15/2024 08:14	WG2341831
Fluorene	U		0.0169	0.0500	1	08/15/2024 08:14	WG2341831
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/15/2024 08:14	WG2341831
Naphthalene	U		0.0917	0.250	1	08/15/2024 08:14	WG2341831
Phenanthrene	U		0.0180	0.0500	1	08/15/2024 08:14	WG2341831
Pyrene	U		0.0169	0.0500	1	08/15/2024 08:14	WG2341831
1-Methylnaphthalene	U		0.0687	0.250	1	08/15/2024 08:14	WG2341831
2-Methylnaphthalene	U		0.0674	0.250	1	08/15/2024 08:14	WG2341831
2-Chloronaphthalene	U		0.0682	0.250	1	08/15/2024 08:14	WG2341831
(S) Nitrobenzene-d5	*94.7*			*31.0-160*		*08/15/2024 08:14*	WG2341831
(S) 2-Fluorobiphenyl	*88.9*			*48.0-148*		*08/15/2024 08:14*	WG2341831

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) p-Terphenyl-d14	*87.4*			*37.0-146*		*08/15/2024 08:14*	WG2341831

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	08/20/2024 02:48	WG2346091
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*08/20/2024 02:48*	WG2346091

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	08/13/2024 09:49	WG2341524
Ethylbenzene	U		0.137	1.00	1	08/13/2024 09:49	WG2341524
Toluene	U		0.278	1.00	1	08/13/2024 09:49	WG2341524
Xylenes, Total	U		0.174	3.00	1	08/13/2024 09:49	WG2341524
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2024 09:49	WG2341524
Naphthalene	U	C3	1.00	5.00	1	08/13/2024 09:49	WG2341524
1,2-Dibromoethane	U		0.126	1.00	1	08/13/2024 09:49	WG2341524
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2024 09:49	WG2341524
Isopropylbenzene	U		0.105	1.00	1	08/13/2024 09:49	WG2341524
n-Propylbenzene	U		0.0993	1.00	1	08/13/2024 09:49	WG2341524
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/13/2024 09:49	WG2341524
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/13/2024 09:49	WG2341524
(S) Toluene-d8	*95.6*			*80.0-120*		*08/13/2024 09:49*	WG2341524
(S) 4-Bromofluorobenzene	*91.4*			*77.0-126*		*08/13/2024 09:49*	WG2341524
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*08/13/2024 09:49*	WG2341524

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		33.3	100	1	08/15/2024 17:55	WG2341886
Residual Range Organics (RRO)	U		83.3	250	1	08/15/2024 17:55	WG2341886
(S) o-Terphenyl	*75.5*			*31.0-160*		*08/15/2024 17:55*	WG2341886

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0190	0.0500	1	08/15/2024 21:31	WG2342717
Acenaphthene	U		0.0190	0.0500	1	08/15/2024 21:31	WG2342717
Acenaphthylene	U		0.0171	0.0500	1	08/15/2024 21:31	WG2342717
Benzo(a)anthracene	U		0.0203	0.0500	1	08/15/2024 21:31	WG2342717
Benzo(a)pyrene	U		0.0184	0.0500	1	08/15/2024 21:31	WG2342717
Benzo(b)fluoranthene	U		0.0168	0.0500	1	08/15/2024 21:31	WG2342717
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	08/15/2024 21:31	WG2342717
Benzo(k)fluoranthene	U		0.0202	0.0500	1	08/15/2024 21:31	WG2342717
Chrysene	U		0.0179	0.0500	1	08/15/2024 21:31	WG2342717
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	08/15/2024 21:31	WG2342717
Fluoranthene	U		0.0270	0.100	1	08/15/2024 21:31	WG2342717
Fluorene	U		0.0169	0.0500	1	08/15/2024 21:31	WG2342717
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	08/15/2024 21:31	WG2342717
Naphthalene	U		0.0917	0.250	1	08/15/2024 21:31	WG2342717
Phenanthrene	0.0187	B J	0.0180	0.0500	1	08/15/2024 21:31	WG2342717
Pyrene	U		0.0169	0.0500	1	08/15/2024 21:31	WG2342717
1-Methylnaphthalene	U		0.0687	0.250	1	08/15/2024 21:31	WG2342717
2-Methylnaphthalene	U		0.0674	0.250	1	08/15/2024 21:31	WG2342717
2-Chloronaphthalene	U		0.0682	0.250	1	08/15/2024 21:31	WG2342717
(S) Nitrobenzene-d5	*139*			*31.0-160*		*08/15/2024 21:31*	WG2342717
(S) 2-Fluorobiphenyl	*112*			*48.0-148*		*08/15/2024 21:31*	WG2342717

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) p-Terphenyl-d14	*117*			*37.0-146*		*08/15/2024 21:31*	WG2342717

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	08/20/2024 03:11	WG2346091
(S) a,a,a-Trifluorotoluene(FID)	*98.9*			*78.0-120*		*08/20/2024 03:11*	WG2346091

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	08/13/2024 10:11	WG2341524
Ethylbenzene	U		0.137	1.00	1	08/13/2024 10:11	WG2341524
Toluene	U		0.278	1.00	1	08/13/2024 10:11	WG2341524
Xylenes, Total	U		0.174	3.00	1	08/13/2024 10:11	WG2341524
Methyl tert-butyl ether	U		0.101	1.00	1	08/13/2024 10:11	WG2341524
Naphthalene	U	C3	1.00	5.00	1	08/13/2024 10:11	WG2341524
1,2-Dibromoethane	U		0.126	1.00	1	08/13/2024 10:11	WG2341524
1,2-Dichloroethane	U		0.0819	1.00	1	08/13/2024 10:11	WG2341524
Isopropylbenzene	U		0.105	1.00	1	08/13/2024 10:11	WG2341524
n-Propylbenzene	U		0.0993	1.00	1	08/13/2024 10:11	WG2341524
1,2,4-Trimethylbenzene	U		0.322	1.00	1	08/13/2024 10:11	WG2341524
1,3,5-Trimethylbenzene	U		0.104	1.00	1	08/13/2024 10:11	WG2341524
(S) Toluene-d8	*94.6*			*80.0-120*		*08/13/2024 10:11*	WG2341524
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*		*08/13/2024 10:11*	WG2341524
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*08/13/2024 10:11*	WG2341524

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		33.3	100	1	08/15/2024 15:47	WG2343311
Residual Range Organics (RRO)	U		83.3	250	1	08/15/2024 15:47	WG2343311
(S) o-Terphenyl	*42.9*			*31.0-160*		*08/15/2024 15:47*	WG2343311

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0380	0.100	2	08/16/2024 03:05	WG2342717
Acenaphthene	U		0.0380	0.100	2	08/16/2024 03:05	WG2342717
Acenaphthylene	U		0.0342	0.100	2	08/16/2024 03:05	WG2342717
Benzo(a)anthracene	U		0.0406	0.100	2	08/16/2024 03:05	WG2342717
Benzo(a)pyrene	U		0.0368	0.100	2	08/16/2024 03:05	WG2342717
Benzo(b)fluoranthene	U		0.0336	0.100	2	08/16/2024 03:05	WG2342717
Benzo(g,h,i)perylene	U		0.0368	0.100	2	08/16/2024 03:05	WG2342717
Benzo(k)fluoranthene	U		0.0404	0.100	2	08/16/2024 03:05	WG2342717
Chrysene	U		0.0358	0.100	2	08/16/2024 03:05	WG2342717
Dibenz(a,h)anthracene	U		0.0320	0.100	2	08/16/2024 03:05	WG2342717
Fluoranthene	U		0.0540	0.200	2	08/16/2024 03:05	WG2342717
Fluorene	U		0.0338	0.100	2	08/16/2024 03:05	WG2342717
Indeno(1,2,3-cd)pyrene	U		0.0316	0.100	2	08/16/2024 03:05	WG2342717
Naphthalene	U		0.183	0.500	2	08/16/2024 03:05	WG2342717
Phenanthrene	U		0.0360	0.100	2	08/16/2024 03:05	WG2342717
Pyrene	U		0.0338	0.100	2	08/16/2024 03:05	WG2342717
1-Methylnaphthalene	U		0.137	0.500	2	08/16/2024 03:05	WG2342717
2-Methylnaphthalene	U		0.135	0.500	2	08/16/2024 03:05	WG2342717
2-Chloronaphthalene	U		0.136	0.500	2	08/16/2024 03:05	WG2342717
(S) Nitrobenzene-d5	*150*			*31.0-160*		*08/16/2024 03:05*	WG2342717
(S) 2-Fluorobiphenyl	*119*			*48.0-148*		*08/16/2024 03:05*	WG2342717

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) p-Terphenyl-d14	*118*			*37.0-146*		*08/16/2024 03:05*	WG2342717

Sample Narrative:

L1765843-07 WG2342717: Dilution due to matrix impact during extraction procedure.

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	08/20/2024 01:17	WG2346091
(S) a,a,a-Trifluorotoluene(FID)	*98.1*			*78.0-120*		*08/20/2024 01:17*	WG2346091

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	08/13/2024 05:36	WG2341531
Toluene	U		0.278	1.00	1	08/13/2024 05:36	WG2341531
Ethylbenzene	U		0.137	1.00	1	08/13/2024 05:36	WG2341531
Total Xylenes	U		0.174	3.00	1	08/13/2024 05:36	WG2341531
(S) Toluene-d8	*105*			*80.0-120*		*08/13/2024 05:36*	WG2341531
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*08/13/2024 05:36*	WG2341531
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*08/13/2024 05:36*	WG2341531

Method Blank (MB)

(MB) R4108799-2 08/18/24 03:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	82.7	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*93.5*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4108799-1 08/18/24 01:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5000	5760	115	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*96.8*	*78.0-120*	

Method Blank (MB)

(MB) R4109651-2 08/20/24 00:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	39.8	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4109651-1 08/19/24 23:25 • (LCSD) R4109651-3 08/20/24 05:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5000	4500	5120	90.0	102	70.0-124			12.9	20
(S) a,a,a-Trifluorotoluene(FID)				*99.7*	*103*	*78.0-120*				

Method Blank (MB)

(MB) R4106988-3 08/13/24 02:32

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dichloroethane	U		0.0819	1.00
Isopropylbenzene	U		0.105	1.00
n-Propylbenzene	U		0.0993	1.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
(S) Toluene-d8	*92.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*87.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4106988-1 08/13/24 01:27 • (LCSD) R4106988-2 08/13/24 01:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.38	5.15	108	103	70.0-123			4.37	20
Ethylbenzene	5.00	4.50	4.64	90.0	92.8	79.0-123			3.06	20
Toluene	5.00	4.63	4.68	92.6	93.6	79.0-120			1.07	20
Xylenes, Total	15.0	13.4	13.4	89.3	89.3	79.0-123			0.000	20
Methyl tert-butyl ether	5.00	5.60	5.61	112	112	68.0-125			0.178	20
Naphthalene	5.00	3.02	3.07	60.4	61.4	54.0-135	J	J	1.64	20
1,2-Dibromoethane	5.00	4.63	4.60	92.6	92.0	80.0-122			0.650	20
1,2-Dichloroethane	5.00	5.80	5.62	116	112	70.0-128			3.15	20
Isopropylbenzene	5.00	4.25	4.24	85.0	84.8	76.0-127			0.236	20
n-Propylbenzene	5.00	4.44	4.37	88.8	87.4	77.0-124			1.59	20
1,2,4-Trimethylbenzene	5.00	4.33	4.30	86.6	86.0	76.0-121			0.695	20
1,3,5-Trimethylbenzene	5.00	4.73	4.25	94.6	85.0	76.0-122			10.7	20
(S) Toluene-d8				*91.4*	*91.4*	*80.0-120*				
(S) 4-Bromofluorobenzene				*90.6*	*95.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*99.9*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R4107244-3 08/13/24 04:16

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
(S) Toluene-d8	*97.2*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4107244-1 08/13/24 02:39 • (LCSD) R4107244-2 08/13/24 02:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.36	4.53	87.2	90.6	70.0-123			3.82	20
Toluene	5.00	4.79	4.68	95.8	93.6	79.0-120			2.32	20
Ethylbenzene	5.00	4.75	4.85	95.0	97.0	79.0-123			2.08	20
Total Xylenes	15.0	15.5	14.3	103	95.3	79.0-123			8.05	20
(S) Toluene-d8				*98.1*	*98.0*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.5*	*95.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*102*	*70.0-130*				

Method Blank (MB)

(MB) R4107259-1 08/15/24 08:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		33.3	100
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*52.5*			*31.0-160*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4107259-2 08/15/24 09:06 • (LCSD) R4107259-3 08/15/24 09:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1050	1070	70.0	71.3	50.0-150			1.89	20
(S) o-Terphenyl				*80.0*	*78.0*	*31.0-160*				

Method Blank (MB)

(MB) R4107601-1 08/15/24 14:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		33.3	100
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*65.0*			*31.0-160*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4107601-2 08/15/24 14:26 • (LCSD) R4107601-3 08/15/24 14:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1040	1040	69.3	69.3	50.0-150			0.000	20
(S) o-Terphenyl				*71.0*	*72.5*	*31.0-160*				

Method Blank (MB)

(MB) R4107125-2 08/15/24 02:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	U		0.0190	0.0500
Acenaphthene	U		0.0190	0.0500
Acenaphthylene	U		0.0171	0.0500
Benzo(a)anthracene	U		0.0203	0.0500
Benzo(a)pyrene	U		0.0184	0.0500
Benzo(b)fluoranthene	U		0.0168	0.0500
Benzo(g,h,i)perylene	U		0.0184	0.0500
Benzo(k)fluoranthene	U		0.0202	0.0500
Chrysene	U		0.0179	0.0500
Dibenz(a,h)anthracene	U		0.0160	0.0500
Fluoranthene	U		0.0270	0.100
Fluorene	U		0.0169	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500
Naphthalene	U		0.0917	0.250
Phenanthrene	U		0.0180	0.0500
Pyrene	U		0.0169	0.0500
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
2-Chloronaphthalene	U		0.0682	0.250
(S) Nitrobenzene-d5	*93.5*			*31.0-160*
(S) 2-Fluorobiphenyl	*90.5*			*48.0-148*
(S) p-Terphenyl-d14	*85.5*			*37.0-146*

Laboratory Control Sample (LCS)

(LCS) R4107125-1 08/15/24 01:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	2.00	1.59	79.5	67.0-150	
Acenaphthene	2.00	1.45	72.5	65.0-138	
Acenaphthylene	2.00	1.57	78.5	66.0-140	
Benzo(a)anthracene	2.00	1.65	82.5	61.0-140	
Benzo(a)pyrene	2.00	1.56	78.0	60.0-143	
Benzo(b)fluoranthene	2.00	1.59	79.5	58.0-141	
Benzo(g,h,i)perylene	2.00	1.59	79.5	52.0-153	
Benzo(k)fluoranthene	2.00	1.55	77.5	58.0-148	
Chrysene	2.00	1.67	83.5	64.0-144	
Dibenz(a,h)anthracene	2.00	1.61	80.5	52.0-155	
Fluoranthene	2.00	1.80	90.0	69.0-153	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Laboratory Control Sample (LCS)

(LCS) R4107125-1 08/15/24 01:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	2.00	1.66	83.0	64.0-136	
Indeno(1,2,3-cd)pyrene	2.00	1.57	78.5	54.0-153	
Naphthalene	2.00	1.50	75.0	61.0-137	
Phenanthrene	2.00	1.68	84.0	62.0-137	
Pyrene	2.00	1.61	80.5	60.0-142	
1-Methylnaphthalene	2.00	1.59	79.5	66.0-142	
2-Methylnaphthalene	2.00	1.57	78.5	62.0-136	
2-Chloronaphthalene	2.00	1.49	74.5	64.0-140	
(S) Nitrobenzene-d5			*101*	*31.0-160*	
(S) 2-Fluorobiphenyl			*91.0*	*48.0-148*	
(S) p-Terphenyl-d14			*88.0*	*37.0-146*	

L1765461-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1765461-09 08/15/24 11:01 • (MS) R4107125-3 08/15/24 11:19 • (MSD) R4107125-4 08/15/24 11:36

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	2.00	U	1.65	1.71	82.5	85.5	1	56.0-156			3.57	20
Acenaphthene	2.00	U	1.60	1.60	80.0	80.0	1	44.0-153			0.000	20
Acenaphthylene	2.00	U	1.70	1.69	85.0	84.5	1	53.0-150			0.590	20
Benzo(a)anthracene	2.00	U	1.69	1.71	84.5	85.5	1	47.0-151			1.18	20
Benzo(a)pyrene	2.00	U	1.66	1.67	83.0	83.5	1	45.0-146			0.601	20
Benzo(b)fluoranthene	2.00	U	1.78	1.76	89.0	88.0	1	43.0-142			1.13	20
Benzo(g,h,i)perylene	2.00	U	1.80	1.85	90.0	92.5	1	40.0-147			2.74	20
Benzo(k)fluoranthene	2.00	U	1.67	1.67	83.5	83.5	1	43.0-148			0.000	21
Chrysene	2.00	U	1.76	1.78	88.0	89.0	1	50.0-148			1.13	20
Dibenz(a,h)anthracene	2.00	U	1.82	1.86	91.0	93.0	1	37.0-151			2.17	20
Fluoranthene	2.00	U	1.88	1.90	94.0	95.0	1	56.0-157			1.06	20
Fluorene	2.00	U	1.83	1.84	91.5	92.0	1	48.0-148			0.545	20
Indeno(1,2,3-cd)pyrene	2.00	U	1.75	1.81	87.5	90.5	1	41.0-148			3.37	20
Naphthalene	2.00	U	1.68	1.68	84.0	84.0	1	10.0-160			0.000	20
Phenanthrene	2.00	U	1.77	1.79	88.5	89.5	1	47.0-147			1.12	20
Pyrene	2.00	U	1.68	1.70	84.0	85.0	1	51.0-148			1.18	20
1-Methylnaphthalene	2.00	U	1.82	1.82	91.0	91.0	1	21.0-160			0.000	20
2-Methylnaphthalene	2.00	U	1.75	1.78	87.5	89.0	1	31.0-160			1.70	20
2-Chloronaphthalene	2.00	U	1.68	1.69	84.0	84.5	1	52.0-148			0.593	20
(S) Nitrobenzene-d5					*102*	*102*		*31.0-160*				
(S) 2-Fluorobiphenyl					*93.5*	*98.0*		*48.0-148*				
(S) p-Terphenyl-d14					*95.0*	*95.0*		*37.0-146*				

Method Blank (MB)

(MB) R4108934-3 08/15/24 21:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	U		0.0190	0.0500
Acenaphthene	U		0.0190	0.0500
Acenaphthylene	U		0.0171	0.0500
Benzo(a)anthracene	U		0.0203	0.0500
Benzo(a)pyrene	U		0.0184	0.0500
Benzo(b)fluoranthene	U		0.0168	0.0500
Benzo(g,h,i)perylene	U		0.0184	0.0500
Benzo(k)fluoranthene	U		0.0202	0.0500
Chrysene	U		0.0179	0.0500
Dibenz(a,h)anthracene	U		0.0160	0.0500
Fluoranthene	0.0507	J	0.0270	0.100
Fluorene	U		0.0169	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500
Naphthalene	U		0.0917	0.250
Phenanthrene	0.0328	J	0.0180	0.0500
Pyrene	0.0371	J	0.0169	0.0500
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
2-Chloronaphthalene	U		0.0682	0.250
(S) Nitrobenzene-d5	*158*			*31.0-160*
(S) 2-Fluorobiphenyl	*119*			*48.0-148*
(S) p-Terphenyl-d14	*134*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4108934-1 08/15/24 20:32 • (LCSD) R4108934-2 08/15/24 20:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	2.00	1.98	1.92	99.0	96.0	67.0-150			3.08	20
Acenaphthene	2.00	1.99	1.92	99.5	96.0	65.0-138			3.58	20
Acenaphthylene	2.00	2.01	1.94	100	97.0	66.0-140			3.54	20
Benzo(a)anthracene	2.00	2.08	2.02	104	101	61.0-140			2.93	20
Benzo(a)pyrene	2.00	2.04	1.99	102	99.5	60.0-143			2.48	20
Benzo(b)fluoranthene	2.00	2.28	2.23	114	111	58.0-141			2.22	20
Benzo(g,h,i)perylene	2.00	2.21	2.18	111	109	52.0-153			1.37	20
Benzo(k)fluoranthene	2.00	2.04	2.02	102	101	58.0-148			0.985	20
Chrysene	2.00	2.17	2.13	108	106	64.0-144			1.86	20
Dibenz(a,h)anthracene	2.00	2.23	2.17	111	108	52.0-155			2.73	20
Fluoranthene	2.00	2.24	2.21	112	111	69.0-153			1.35	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4108934-1 08/15/24 20:32 • (LCSD) R4108934-2 08/15/24 20:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	2.00	2.21	2.09	111	104	64.0-136			5.58	20
Indeno(1,2,3-cd)pyrene	2.00	2.30	2.21	115	111	54.0-153			3.99	20
Naphthalene	2.00	2.04	1.99	102	99.5	61.0-137			2.48	20
Phenanthrene	2.00	2.20	2.11	110	105	62.0-137			4.18	20
Pyrene	2.00	2.14	2.11	107	105	60.0-142			1.41	20
1-Methylnaphthalene	2.00	2.12	2.06	106	103	66.0-142			2.87	20
2-Methylnaphthalene	2.00	2.06	2.00	103	100	62.0-136			2.96	20
2-Chloronaphthalene	2.00	2.05	1.99	103	99.5	64.0-140			2.97	20
(S) Nitrobenzene-d5				*144*	*138*	*31.0-160*				
(S) 2-Fluorobiphenyl				*114*	*112*	*48.0-148*				
(S) p-Terphenyl-d14				*120*	*117*	*37.0-146*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Arcadis - Chevron - OR

111 SW Columbia St
Portland, OR 97201

Billing Information:
Accounts Payable
630 Plaza Dr STE 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Christine Perez

Email To:
Christine.Perez@arcadis.com;environmentDM-

Project Description:
1001782

City/State Collected: **Mcminnville, OR**

Please Circle: PT MT CT ET

Phone: **503-785-9405**

Client Project #
30063816 19.45-EXEC

Lab Project #
CHEVARCOR-1001782

Collected by (print):
Diana Ojeda

Site/Facility ID #
SE CHANDLER AVE & SE DAVIS

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8260 BTEX 40mlAmb-HCl	8260 RBDM VOCs 40mlAmb-HCl	NWTPHDX w/ silica 100ml Amb-HCl	NWTPHGX 40mlAmb HCl	PAHs 8270SIM 40mlAmb-NoPres-WT	Remarks	Sample # (lab only)
MW-1-W-20240807	G	GW	-	8/7/24	1406	10		X	X	X	X		-01
MW-3-W-20240807		GW	-		1336	10		X	X	X	X		-02
MW-4A-W-20240807		GW	-		1235	10		X	X	X	X		-03
MW-5-W-20240807		GW	-		1436	10		X	X	X	X		-04
MW-6-W-20240807		GW	-		1310	10		X	X	X	X		-05
MW-8-W-20240808		GW	-	8/8/24	0808	10		X	X	X	X		-06
MW-9-W-20240808		GW	-		0845	10		X	X	X	X		-07
TB-1-20240808		GW	-		0900	2	X			X			-08
		GW											

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Trip Blank Received: Yes / No
HCL / MeoH
TBR

	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	8/8/24	1400	Shipped via Fedex
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Temp: 3.7+0.3=4.0 °C Bottles Received: 70
Date: 8/9/24 Time: 845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # A013
L1765843

Acctnum: **CHEVARCOR**
Template: **T235142**
Prelogin: **P1092645**
PM: **110 - Brian Ford**
PB:
Shipped Via: