Semi Annual Groundwater Summary
May 2024
Hogan's Corner
5501 – 25th Avenue Northeast
Seattle, Washington
VCP No. NW 1899

Project No. T-2706-1

Terra Associates, Inc.

Prepared for:

Ms. Chris Hogan

June 6, 2024

TERRA ASSOCIATES, Inc.

Consultants in Geotechnical Engineering, Geology
and
Environmental Earth Sciences

June 6, 2024
Project No. T-2706- 1

Ms. Chris Hogan
43403 LaCovia Dr.
Bermuda Dunes Ca 92203

Subject: Semi Annual Groundwater Summary
May 2024
Hogan's Corner
5501 – 25th Avenue Northeast
Seattle, Washington
VCP No. NW 1899

Dear Ms. Hogan:

As requested, we are continuing to provide environmental consultation services to you for the Hogan's Corner site in Seattle, Washington.

We previously submitted a Groundwater Summary report dated October 31, 2023. This report covers groundwater sampling that occurred in May of 2024.

We trust the information presented is sufficient for your current needs. If you have any questions or require additional information, please call.

Sincerely yours,
TERRA ASSOCIATES, INC.

Charles R. Lie, L.H.G.
Project Manager

6 -6 -2024

State of Washington
Hydrogeologist
Licensed Geologist
CHARLES R. LIE

cc: Mr. Ron Allen – Socius
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Submitted via email only

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TABLE OF CONTENTS

Page No.

Groundwater Summary
Semi Annual Sampling-May 2024
Hogan's Corner
5501 – 25th Avenue Northeast
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VCP No. NW 1899

1.0 SUMMARY

This report presents a summary of all data for groundwater samples collected during the month of May 2024. The current groundwater samples are for halogenated volatile compounds only. Our prior summary is dated October 31, 2023. The wells on the Hogans Corner property have been dropped from the sampling schedule. Wells south of Northeast 55th Street are being sampled on a semiannual basis.

2.0 WELL NETWORK

The Hogan's Corner site is located at 5501 – 25th Avenue Northeast in Seattle, Washington. Figure 1 presents the site layout showing the monitoring wells.

With the exception of Monitoring Well MW-603 and SW-4, the locations and elevations of the monitoring wells have been surveyed by Pacific Geomatic Services.

The groundwater depths and elevations that have been measured onsite are summarized in Table 1. Current groundwater levels are consistent with prior readings. The groundwater gradient is towards the south. The groundwater gradient has been consistent over the period of groundwater measurements. The static groundwater levels and groundwater gradient interpretation is shown on Figure 1.

3.0 LABORATORY TESTING

All groundwater samples were analyzed for halogenated volatile organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8260B.

Table 2 summarizes the test results for all groundwater samples for halogenated compounds. The locations of the monitoring wells are shown on the Well Location Plan, Figure 1.

The current analytical test reports for groundwater are attached in Appendix A.

4.0 IN SITU OXIDATION

There are 4 sparge wells at 5401– 25th Avenue Northeast . The ozone sparge system injects ozone at a rate of about 0.2 pounds per day, per well at VP SW-1 and VP SW-2 and at a rate of 0.6 pounds per day, per well at VP SW-3 and VP SW-4. The sparge system is operating 24 hours a day. The ozone generator system shuts off during cold or hot weather. We monitor the system to verify that when the weather warms up above freezing or cools down, the system starts up. The ozone generator is provided with bi annual service visits from the manufacturer.

5.0 LIMITATIONS

This report is the property of Terra Associates, Inc. and was prepared in accordance with generally accepted geo-environmental engineering practices and within the limitations of time and budget. Analytical testing of samples was based upon our understanding of past land uses. In the event additional information regarding site history or current site uses is found, the information should be brought to our attention, as it may affect our conclusions. This report is intended for specific application to the Hogan's Corner project and for the exclusive use of Chris Hogan and their authorized representatives. No other warranty, expressed or implied, is made. This report does not constitute a regulatory audit of the site and facility.

The discussion presented in this report is based upon available historical information and data obtained from the monitoring wells referenced in this report. The groundwater samples were tested for compounds expected to be present based upon past land use in the vicinity and onsite. Subsurface conditions may vary and seasonal variations in groundwater may occur.

Table 1
Groundwater Depth Summary

Monitoring Well No.	Elev. Top of PVC	12/13/2021		4/6/2022		9/7/2022	
		Depth	Elev.	Depth	Elev.	Depth	Elev.
MW-1	94.82	37.72	57.10	36.68	58.14	38.42	56.40
MW-2	94.99	38.1	56.89	36.94	58.05	38.74	56.25
MW-3	95.17	38.02	57.15	37.42	57.75	38.72	56.45
MW-4	93.98	36.57	57.04	35.98	57.63	37.33	56.28
MW-101	95.23	37.91	57.32	36.83	58.40	38.69	56.54
MW-102	96.36	39.39	56.97	37.94	58.42	39.91	56.45
MW-103	93.04	36.43	56.61	35.27	57.77	37.15	55.89
MW-301	95.48	37.8	57.68			38.17	57.31
MW-302	94.33	37.77	56.56	36.85	57.48	38.35	55.98
MW-401	90.21	34.2	56.01	33.49	56.72	34.97	55.24
MW-402	92.45	36.23	56.22	35.29	57.16	36.68	55.77
MW-403	91.61	37.49	54.12	36.46	55.15	37.71	53.90
MW-404	89.44	33.33	56.11	32.93	56.51	34.24	55.20
MW-405	91.85	36.12	55.71	34.80	57.03	36.19	55.64
MW-406	88.12	31.98	56.14	31.21	56.91	32.51	55.61
SW-4	91.77	35.48	56.29	34.69	57.08	36.58	55.19
MW-501	87.2	34.07	53.13	33.54	53.66	34.44	52.76
MW-502	79.27	26.96	52.31	26.59	52.68	27.40	51.87
MW-503	68.08	15	53.08	14.79	53.29	15.33	52.75
MW-601	99.02	41.8	57.22	41.05	57.97	42.91	56.11
MW-602	95.79	38.22	57.57	37.42	58.37	39.24	56.55
MW-603		37.19		34.69		37.76	

Table 1 (continued)
Groundwater Depth Summary

Monitoring Well No.	Elev. Top of PVC	12/5/2022		1/5/2023		4/11/2023	
		Depth	Elev.	Depth	Elev.	Depth	Elev.
MW-1	94.82	38.18	56.64			37.8	57.02
MW-2	94.99	38.47	56.52			37.96	57.03
MW-3	95.17	38.50	56.67			38.19	56.98
MW-4	93.98	37.01	56.60	36.81	56.80	36.67	56.93
MW-101	95.23	38.56	56.67			37.86	57.37
MW-102	96.36	39.75	56.61			39.16	57.2
MW-103	93.04	36.83	56.21			36.38	56.66
MW-301	95.48	38.12	57.36			37.77	57.71
MW-302	94.33	37.92	56.41			37.57	56.76
MW-401	90.21	34.65	55.56	34.55	55.66	34.36	55.85
MW-402	92.45	36.84	55.61	36.87	55.58	36.48	55.97
MW-403	91.61	37.86	53.75	37.86	53.75	37.34	54.27
MW-404	89.44	33.78	55.66			33.59	55.85
MW-405	91.85	36.37	55.46			35.84	55.99
MW-406	88.12	32.50	55.62			32.29	55.83
SW-4	91.77	35.90	55.87			35.6	56.17
MW-501	87.2	34.52	52.68			34.15	53.05
MW-502	79.27	27.22	52.05			26.97	52.3
MW-503	68.08	15.29	52.79			15.18	52.9
MW-601	99.02	42.48	56.54			41.88	57.14
MW-602	95.79	38.91	56.88			38.46	57.33
MW-603		37.67		37.92		36.99	

Table 1 (continued)
Groundwater Depth Summary

Monitoring Well No.	Elev. Top of PVC	8/2/23		5/14/2023	
		Depth	Elev.	Depth	Elev.
MW-1	94.82	38.99	55.83	37.44	57.38
MW-2	94.99	39.07	55.92	37.56	57.43
MW-3	95.17	39.09	56.08	37.85	57.32
MW-4	93.98	37.72	55.88	36.43	57.17
MW-101	95.23	38.68	56.55	37.67	57.56
MW-102	96.36	40.32	56.04	38.6	57.76
MW-103	93.04	37.41	55.63	35.97	57.07
MW-301	95.48	38.62	56.86	37.6	57.88
MW-302	94.33	38.63	55.7	37.32	57.01
MW-401	90.21	35.18	55.03	33.96	56.25
MW-402	92.45	37.22	55.23	35.66	56.79
MW-403	91.61	37.95	53.66	36.69	54.92
MW-404	89.44	34.49	54.95	33.23	56.21
MW-405	91.85	36.65	55.18	35.24	56.59
MW-406	88.12	32.91	55.21	31.68	56.44
SW-4	91.77	36.61	55.16	35.37	56.4
MW-501	87.2	34.64	52.56	33.75	53.45
MW-502	79.27	27.25	52.02	26.77	52.5
MW-503	68.08	15.51	52.57	15.13	52.95
MW-601	99.02	43.33	55.69	41.67	57.35
MW-602	95.79	39.61	56.18		
MW-603		38.41		36.93	

Notes: Elevations are referenced to surveyed information using NAVD 88.
Depths are measured from top of PVC.
SW-4 has not been surveyed. The elevations are an estimate based on MW-405.
All depths and elevations are in feet.
This table only summarizes SWL data for the prior 2 years

Table 2
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene (PCE)	Trichloroethylene	Chloroform
MW-1	8-21-97	65	1.0U	1.0U
	3-7-06	54	0.2U	0.2U
	4-17-07	310	2.0U	2.0U
	4-17-07 dup	300	2.0U	2.0U
	4-17-07	*360*	*2.0U*	*2.0U*
	7-27-07	*290*	*2.0U*	*2.0U*
	5-13-08	*210*	*0.59*	*0.4U*
	12-30-09	*170*	*2.0U*	*2.0U*
	4-14-10	*2.1*	*0.2U*	*0.2U*
	4-14-10	14	0.2U	0.2U
	7-15-10	*2.4*	*0.2U*	*0.2U*
	10-19-10	*4.5*	*0.2U*	*0.2U*
	1-13-11	*2.9*	*0.2U*	*0.2U*
	5-17-11	*18*	*0.2U*	*0.2U*
	6-23-11	*21*	*0.2U*	*0.2U*
	7-14-11	*26*	*0.2U*	*0.2U*
	9-13-11	*13*	*0.2U*	*0.2U*
	7-30-12	*0.81*	*0.2U*	*0.2U*
	4-23-13	3.7	0.2U	0.2U
	2-18-14	*1.4*	*0.2U*	*0.2U*
	6-9-14	*3.4*	*0.2U*	*0.2U*
	10-23-14	*Insufficient water to place sampler*		
	2-24-15	*29*	*0.2U*	*0.2U*
	7-9-15	*49*	*0.66*	*0.2U*
	11-13-15	*4.8*	*0.2U*	*0.2U*
	3-1-16	*18*	*0.2U*	*0.2U*
	3-1-16	*10*	*0.2U*	*0.2U*
	6-3-16	*18*	*0.2U*	*0.2U*
	11-15-16	*2.0*	*0.2U*	*0.2U*
	4-27-17	*21*	*0.2U*	*0.23*
	9-27-17	*4.0*	*0.2U*	*0.2U*
	2-28-18	*6.0*	*0.2U*	*0.2U*
	1-17-19	*1.8*	*0.2U*	*0.2U*
	8-22-19	*Insufficient water to place sampler*		
	5-4-2020	*1.3*	*0.2U*	*0.2U*
	1-19-2021	*1.7*	*0.2U*	*0.2U*
	4-28-2021	2.2	0.2U	0.2U
	9-17-21	Insufficient water to sample		
	1-5-22	0.85	0.2U	0.2U
	4-26-22	1.6	0.2U	0.2U
	9-22-22	1.4	0.2U	0.2U
	12-29-22	0.91	0.2U	0.2U
	5-1-2023	0.99	0.2U	0.2U
	8-21-23	3.2	0.2U	0.2U

Table 2 (continued)

Sample No.	Date	Tetrachloroethylene (PCE)	Trichloroethylene	Chloroform
MW-2	8-21-97	2.2	1.0U	1.0U
	3-7-06	24	0.2U	0.2U
MW-2S	*4-17-07*	*77*	*1.0U*	*1.0U*
MW-2D		*4.4*	*0.2U*	*0.2U*
MW-2D	*7-27-07*	*25*	*0.2U*	*0.2U*
MW-2D	*12-30-09*	*0.91*	*0.2U*	*0.2U*
MW-2D	*4-14-10*	*0.2U*	*0.2U*	*0.2U*
MW-2D	*7-15-10*	*0.2U*	*0.2U*	*0.2U*
	10-19-10	*1.2*	*0.2U*	*0.2U*
	1-13-11	*0.2U*	*0.2U*	*0.2U*
	5-17-11	*35*	*0.2U*	*0.2U*
	9-6-11	*1.3*	*0.2U*	*0.2U*
	4-16-12	0.28	0.2U	0.2U
	7-30-12	*0.2U*	*0.2U*	*0.2U*
	4-23-13	6.0	0.2U	0.2U
	9-11-13	*99*	*0.2U*	*0.2U*
	2-18-14	0.71	0.2U	0.35
	3-25-14	0.57	0.2U	0.28
	6-9-14	0.49	*0.2U*	*0.2U*
	10-23-14	*0.2U*	*0.2U*	*0.2U*
	2-24-15	*11*	*0.2U*	*0.2U*
	7-9-15	*29*	*0.2U*	*0.29*
	11-12-15	*1.9*	*0.2U*	*0.27*
	3-1-16	*1.8*	*0.2U*	*0.2U*
	6-3-16	*14*	*0.2U*	*0.73*
	11-15-16	*0.85*	*0.2U*	*0.2U*
	4-27-17	*9.0*	*0.2U*	*2.0*
	9-27-17	*7.6*	*0.2U*	*0.84*
	2-28-18	*9.1*	*0.2U*	*0.62*
	1-17-19	*0.51*	*0.2U*	*0.34*
	8-22-19	*0.64*	*0.2U*	*0.27*
	5-4-2020	*1.1*	*0.2U*	*0.2U*
	1-19-2021	*0.83*	*0.2U*	*0.3*
	4-28-2021	1.9	0.2	0.26
	9-17-2021	Insufficient water to sample		
	1-13-2022	0.78	0.2U	0.3
	4-26-2022	2.6	0.2U	0.4
	9-22-22	2.4	0.2U	0.23
	12-29-22	1.6	0.2U	0.2U
	5-1-2023	2.3	0.2U	0.98
	8-22-23	1.2	0.2U	0.2U

Table 2 (continued)

Sample No.	Date	Tetrachloroethylene (PCE)	Trichloroethylene	Chloroform
MW-4	10-28-97	43	1.0U	1.0U
	3-7-06	60	0.2U	0.2U
	3-7-06 d	54	0.2U	0.2U
	10-19-10	*2.8*	*0.2U*	*0.2U*
	1-13-11	*1.7*	*0.2U*	*0.2U*
	5-17-11	*3.5*	*0.2U*	*0.2U*
	6-23-11	*3.5*	*0.2U*	*0.2U*
	7-14-11	*2.5*	*0.2U*	*0.2U*
	9-13-11	*2.3*	*0.2U*	*0.2U*
	3-6-12	*0.42*	*0.2U*	*0.2U*
	4-16-12	0.74	0.2U	0.2U
	7-30-12	*4.7*	*0.2U*	*0.2U*
	4-23-13	*2.5*	*0.2U*	*0.2U*
	9-11-13	*4.9*	*0.2U*	*0.2U*
	6-3-16	*0.56*	*0.2U*	*1.3*
	11-15-16	*0.42*	*0.2U*	*0.2U*
	4-28-17	*0.76*	*0.2U*	*4.6*
	9-27-17	*1.0*	*0.2U*	*0.2U*
	2-28-18	*1.0*	*0.2U*	*0.29*
	1-17-19	*1.7*	*0.2U*	*0.2U*
	8-22-10	*1.8*	*0.2U*	*0.2U*
	5-4-2020	*1.9*	*0.2U*	*0.2U*
	1-19-2021	*0.28*	*0.2U*	*0.2U*
	4-28-2021	1.1	0.2U	0.2U
	9-17-21	0.57	0.2U	0.2U
	1-5-2022	0.36	0.2U	0.2U
	4-26-2022	1.9	0.2U	0.2U
	10-11-2022	1.5	0.2U	0.2U
	1-5-23	0.25	0.2U	0.2U
	5-1-2023	1.0	0.2U	0.2U
	8-21-23	1.4	0.2U	0.2U

Table 2 (continued)

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-101	8-25-06	0.87	0.2U	0.2U
	4-17-07	*3.7*	*0.2U*	*0.2U*
	5-13-08	*5.1*	*0.2U*	*0.2U*
	12-30-09	*6.3*	*0.2U*	*0.2U*
	4-14-10	*6.8*	*0.2U*	*0.2U*
	7-15-10	*2.8*	*0.2U*	*0.2U*
	10-19-10	*7.7*	*0.2U*	*0.2U*
	1-13-11	*2.1*	*0.2U*	*0.2U*
	5-17-11	*11*	*0.2U*	*0.2U*
	6-23-11	*4.0*	*0.2U*	*0.2U*
	7-14-11	*4.7*	*0.2U*	*0.2U*
	9-6-11	*1.7*	*0.2U*	*0.2U*
	4-23-13	4.3	0.2U	0.2U
	9-11-13	0.41	0.2U	0.2U
	2-18-14	*0.2U*	*0.2U*	*0.2U*
	3-25-14	0.28	0.2U	0.2U
	6-9-14	*0.2U*	*0.2U*	*0.2U*
	10-23-14	*0.2U*	*0.2U*	*0.2U*
	2-24-15	*0.41*	*0.2U*	*0.2U*
	11-12-15	*0.2U*	*0.2U*	*0.2U*
	6-3-2016	*0.32*	*0.2U*	*0.2U*
	11-15-16	*0.2U*	*0.2U*	*0.2U*
	4-28-17	*0.27*	*0.2U*	*0.2U*
	9-27-17	*0.26*	*0.2U*	*0.2U*
	2-28-18	*0.32*	*0.2U*	*0.2U*
	1-17-19	*0.2U*	*0.2U*	*0.2U*
	8-22-19	*0.3*	*0.2U*	*0.2U*
	5-4-2020	*0.2U*	*0.2U*	*0.2U*
	1-19-2021	*0.34*	*0.2U*	*0.2U*
	4-28-2021	0.27	0.2U	0.2U
	9-17-21	0.22	0.2U	0.2U
	1-5-2022	0.2U	0.2U	0.2U
	4-26-22	0.2U	0.2U	0.2U

Table 2 (continued)

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-102	8-28-06	0.90	0.2U	0.2U
	4-17-07	*0.2U*	0.2U	0.2U
	5-13-08	*0.94*	*0.2U*	*0.2U*
	12-30-09	*0.2U*	0.2U	0.2U
	4-14-10	*0.2U*	0.2U	0.2U
	7-15-10	*0.2U*	0.2U	0.2U
	10-19-10	*0.25*	*0.2U*	*0.2U*
	1-13-11	*0.2U*	*0.2U*	*0.2U*
	9-6-11	*0.2U*	*0.2U*	*0.2U*
	2-8-12	*0.2U*	*0.2U*	*0.2U*
	4-9-13	*0.69*	*0.2U*	*0.2U*
	7-9-15	*0.46*	*0.2U*	*0.2U*
	6-3-16	*0.79*	*0.2U*	*0.2U*
	11-15-16	*0.23*	*0.2U*	*0.2U*
	4-27-17	*1.1*	*0.2U*	*0.56*
	2-28-18	*0.49*	*0.02*	*0.28*
	1-17-19	*0.43*	*0.2U*	*0.2U*
	1-19-2021	*0.39*	*0.2U*	*0.4*
	4/28/2021	0.66	0.2U	0.69
	9-21-2021	0.2U	0.2U	0.2U
	1-5-2022	0.33	0.2U	0.37
	4-26-22	0.8	0.2U	1.7

Table 2 continued

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-103	8-28-06	8.8	0.2U	0.2U
	4-17-07	*2.4*	*0.2U*	*0.2U*
	5-13-08	*2.9*	*0.2U*	*0.2U*
	12-30-09	*4.2*	*0.2U*	*0.2U*
	4-14-10	*28*	*0.2U*	*0.2U*
	7-15-10	*21*	*0.2U*	*0.2U*
	1-13-11	*7.6*	*0.2U*	*0.2U*
	9-6-11	*93*	*1.0U*	*1.0U*
	2-8-12	*22*	*0.2U*	*0.2U*
	4-16-12	26	0.2U	0.2U
	7-30-12	8.1	*0.2U*	*0.2U*
	4-9-13	*9.5*	*0.2U*	*0.2U*
	9-11-13	*24*	*0.2U*	*0.2U*
	2-28-14	*4.9*	*0.2U*	*0.2U*
	6-9-14	*4.1*	*0.2U*	*0.2U*
	3-25-14	1.4	0.2U	0.2U
	10-23-14	*0.94*	*0.2U*	*0.2U*
	1-24-15	*15*	*0.2U*	*0.2U*
	7-9-15	*24*	*0.2U*	*0.2U*
	11-12-15	*2.7*	*0.2U*	*0.2U*
	3-1-16	*3.4*	0.2U	0.2U
	6-3-16	*8.3*	*0.2U*	*0.2U*
	11-15-16	*3.1*	*0.2U*	*0.2U*
	4-27-17	*5.3*	*0.2U*	*0.2U*
	9-27-17	*4.3*	*0.2U*	*0.2U*
	2-28-18	*7.2*	*0.2U*	*0.2U*
	1-17-19	*3.5*	*0.2U*	*0.2U*
	8-22-19	*2.6*	*0.2U*	*0.2U*
	5-4-2020	*1.9*	*0.2U*	*0.2U*
	1-19-2021	*1.2*	*0.2U*	*0.2U*
	4-28-2021	*3.5*	0.2U	0.2U
	9-17-21	1.4	0.2U	0.2U
	1-5-2022	0.91	0.2U	0.2U
	4-26-22	2.7	0.2U	0.2U
	9-22-22	2.2	0.2U	0.2U
	12-29-22	2.9	0.2U	0.2U

Table 2 (continued)

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-401	*4-17-07*	*61*	*0.4U*	*0.4U*
	5-28-09	*46*	*0.2U*	*0.2U*
	12-30-09	*16*	*0.2U*	*0.2U*
	4-14-10	*25*	*0.2U*	*0.2U*
	7-15-10	*28*	*0.2U*	*0.2U*
	10-19-10	*22*	*0.2U*	*0.2U*
	1-13-11	*8.0*	*0.2U*	*0.2U*
	5-17-11	*55*	*0.2U*	*0.2U*
	9-6-11	*35*	*0.4U*	*0.4U*
	2-8-12	*16*	*0.2U*	*0.2U*
	7-30-12	*24*	*0.2U*	*0.2U*
	4-9-13	*43*	*0.2U*	*0.2U*
	9-11-13	*18*	*0.2U*	*0.2U*
	2-18-14	*14*	*0.2U*	*0.2U*
	3-25-14	*26*	*0.2U*	*0.2U*
	6-9-14	*22*	*0.2U*	*0.2U*
	10-23-14	*15*	*0.2U*	*0.2U*
	2-24-15	*11*	*0.2U*	*0.2U*
	7-9-15	*22*	*0.2U*	*0.2U*
	11-12-15	*13*	*0.2U*	*0.2U*
	3-1-16	*31*	*0.2U*	*0.4U*
	6-3-16	*36*	*0.2U*	*0.2U*
	11-15-16	*8.3*	*0.2U*	*0.2U*
	4-27-17	*36*	*0.2U*	*0.2U*
	9-27-17	*16*	*0.2U*	*0.2U*
	2-28-18	*12*	*0.2U*	*0.2U*
	1-17-19	*17*	*0.2U*	*0.2U*
	8-22-19	*23*	*0.2U*	*0.2U*
	5-4-2020	*12*	*0.2U*	*0.2U*
	1-19-2021	*1.6*	*0.2U*	*0.4*
	9-21-2021	18	2U	2U
	1-5-2022	6.6	0.2U	0.2U
	4-26-22	12	0.2U	0.2U
	9-23-22	20	0.2U	0.2U
	1-5-23	14	0.2U	0.2U
	5-1-2023	14	0.2U	0.2U
	8-21-23	19	0.2U	0.2U
	5/3/24	7.9	0.2U	0.2U

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-402	*4-17-07*	*630*	*6.3*	*4.0U*
	5-28-08	*290*	*2.1*	*2.0U*
	12-30-09	*170*	*1.2*	*1.0U*
	4-14-10	*630*	*4.0U*	*4.0U*
	7-15-10	*440*	*3.6*	*2.0U*
	10-19-10	*350*	*2.6*	*2.0U*
	1-13-11	*290*	*2.2*	*2.0U*
	5-17-11	*520*	*0.2U*	*0.2U*
	9-6-11	*450*	*3.2*	*2.0U*
	2-8-12	*330*	*2.8*	*2.0U*
	7-30-12	*450*	*3.9*	*2.0U*
	4-9-13	*450*	*4.3*	*2.0U*
	9-11-13	*390*	*3.4*	*2.0U*
	2-18-14	*330*	*2.2*	*2.0U*
	3-25-14	150	1.4	1.0U
	6-9-14	*530*	*4.5*	*2.0U*
	10-23-14	*300*	*2.7*	*2.0U*
	2-24-15	*210*	*2.0U*	*2.0U*
	7-9-15	*290*	*2.4*	*2.0U*
	11-12-15	*150*	*1.1*	*1.0U*
	3-1-16	*75*	*0.47*	*0.2U*
	6-3-16	*150*	*0.97*	*0.8U*
	11-15-16	*85*	*0.59*	*0.04U*
	4-27-17	*33*	*0.27*	*0.02U*
	9-27-17	*27*	*0.29*	*0.2U*
	2-28-18	*64*	*0.66*	*0.4U*
	1-17-19	*89*	*0.62*	*0.4U*
	8-22-19	*41*	*0.45*	*0.2U*
	5-4-2020	*18*	*0.23*	*0.2U*
	1-19-2021	*41*	*0.43*	*0.4*
	9-9-21	9.9	0.2U	0.2U
	1-13-2022	44	0.42	0.2U
	4-26-22	15	0.2U	0.24
	9-23-22	17	0.22	0.25
	1-5-23	24	0.33	0.35
	5-1-2023	74	0.75	0.70
	8-21-23	13	0.21	0.2U
	5/3/24	12	0.2U	0.2U

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-403	*1-13-11*	*0.68*	*0.2U*	*0.2U*
	5-17-11	*2.7*	*0.2U*	*0.2U*
	9-6-11	*4.0*	*0.2U*	*0.2U*
	2-8-12	*7.0*	*0.2U*	*0.2U*
	7-30-12	*14*	*0.2U*	*0.2U*
	4-9-13	*14*	*0.2U*	*0.2U*
	9-11-13	*32*	*0.2U*	*0.2U*
	2-18-14	*34*	*0.2U*	*0.2U*
	3-25-14	130	1.0U	1.0U
	6-9-14	*35*	*0.2U*	*0.2U*
	10-23-14	*43*	*2.0U*	*2.0U*
	2-24-15	*42*	*0.4U*	*0.4U*
	7-9-15	*41*	*0.2U*	*0.2U*
	11-12-15	*50*	*0.2U*	*0.2U*
	3-1-16	*52*	*0.2U*	*0.2U*
	6-3-16	*64*	*0.4U*	*0.4U*
	11-15-16	*22*	*0.2U*	*0.2U*
	4-27-17	*14*	*0.2U*	*0.2U*
	9-27-17	*21*	*0.2U*	*0.2U*
	2-28-18	*17*	*0.2U*	*0.2U*
	1-17-19	*9.8*	*0.2U*	*0.2U*
	8-22-19	*3.8*	*0.2U*	*0.2U*
	5-4-2020	*3.7*	*0.2U*	*0.2U*
	1-19-2021	*24*	*0.2U*	*0.2U*
	9-9-21	22	0.2U	0.2U
	1-13-2022	31	0.2U	0.2U
	4-26-22	61	0.4U	0.4U
	9-23-22	42	0.2U	0.2U
	1-5-23	100	0.8U	0.8U
	5-1-2023	25	0.2U	0.2U
	8-22-23	130	0.8U	0.8U
	5-3-24	1.4	0.2U	0.2U

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-404	*7-30-12*	*0.2U*	*0.2U*	*0.2U*
	4-9-13	*0.2U*	*0.2U*	*0.2U*
	9-11-13	*0.2U*	*0.2U*	*0.2U*
	2-18-14	*0.2U*	*0.2U*	*0.2U*
	6-9-14	*0.2U*	*0.2U*	*0.2U*
	10-23-14	*0.2U*	*0.2U*	*0.2U*
	2-24-15	*0.2U*	*0.2U*	*0.2U*
	7-9-15	*0.2U*	*0.2U*	*0.2U*
	11-12-15	*0.2U*	*0.2U*	*0.2U*
	3-1-16	*0.2U*	*0.2U*	*0.2U*
	6-3-16	*0.2U*	*0.2U*	*0.2U*
	11-15-16	*0.2U*	*0.2U*	*0.2U*
	4-27-17	*0.2U*	*0.2U*	*0.2U*
	9-27-17	*0.2U*	*0.2U*	*0.2U*
	2-18-18	*0.2U*	*0.2U*	*0.2U*
	1-17-19	*0.2U*	*0.2U*	*0.2U*
	8-22-19	*0.2U*	*0.2U*	*0.2U*
	5-4-2020	*0.2U*	*0.2U*	*0.2U*
	1-19-2021	*0.2U*	*0.2U*	*0.2U*
	9-9-21	0.2U	0.2U	0.2U
	4-26-22	0.2U	0.2U	0.2U
	12-29-22	*0.2U*	*0.2U*	*0.2U*
	8-21-23	*0.2U*	*0.2U*	*0.2U*
	5-3-24	*0.2U*	*0.2U*	*0.2U*

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-405	3-21-13	82	0.4U	0.4U
Upper	*9-11-13*	*36*	*0.2U*	*0.2U*
Lower	*9-11-13*	*65*	*0.4U*	*0.4U*
Upper	*2-18-14*	*49*	*0.2U*	*0.2U*
Lower	*2-18-14*	*30*	*0.2U*	*0.2U*
Lower	*6-9-14*	*40*	*0.27*	*0.2U*
Lower	*10-13-14*	*62*	*2.0U*	*2.0U*
Lower	*1-24-15*	*42*	*0.2U*	*0.2U*
Lower	*7-9-15*	*70*	*0.4U*	*0.4U*
Lower	*11-12-15*	*44*	*0.2U*	*0.2U*
Lower	*3-1-16*	*52*	*0.2U*	*0.2U*
Lower	*6-3-16*	*25*	*0.2U*	*0.2U*
Lower	*11-15-16*	*36*	*0.2U*	*0.2U*
Lower	*4-27-17*	*54*	*0.2U*	*0.2U*
Lower	*9-27-17*	*26*	*0.2U*	*0.2U*
Lower	*2-28-18*	*33*	*0.2U*	*0.2U*
Lower	*1-17-19*	*25*	*0.2U*	*0.2U*
Lower	*8-22-19*	*26*	*0.2U*	*0.2U*
Lower	*5-4-2020*	*34*	*0.2U*	*0.2U*
Lower	*1-19-2021*	*19*	*0.2U*	*0.2U*
Lower	9-17-21	24	0.2U	0.2U
Lower	4-26-22	11	0.2U	0.2U
	9-22-22	30	0.2U	0.2U
	12-29-22	*29*	*0.2U*	*0.2U*
	5-1-2023	*23*	*0.2U*	*0.2U*
	8-21-23	*29*	*0.2U*	*0.2U*
	5-3-24	*41*	*0.2U*	*0.2U*

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-406	3-21-13	18	0.2U	0.06
Upper	*9-11-13*	*4.5*	*0.2U*	*0.2U*
Lower	*9-11-13*	*7.7*	*0.2U*	*0.2U*
Upper	*2-18-14*	*13*	*0.2U*	*0.2U*
Lower	*2-18-14*	*10*	*0.2U*	*0.2U*
Lower	*6-9-14*	*97*	*0.4U*	*0.4U*
Lower	*10-23-14*	*12*	*0.2U*	*0.2U*
Lower	*2-24-15*	*16*	*0.2U*	*0.2U*
Lower	*7-9-15*	*16*	*0.2U*	*0.2U*
Lower	*11-12-15*	*21*	*0.2U*	*0.2U*
Lower	*3-1-16*	*52*	*0.4*	*0.2U*
Lower	*6-3-16*	*140*	*0.8U*	*0.8U*
Lower	*11-15-16*	*23*	*0.2U*	*0.2U*
Lower	*4-27-17*	*110*	*0.4U*	*0.4U*
Lower	*9-27-17*	*27*	*0.2U*	*0.2U*
Lower	*2-28-18*	*27*	*0.2U*	*0.2U*
Lower	*1-17-19*	*24*	*0.2U*	*0.2U*
Lower	*8-22-19*	*20*	*0.2U*	*0.2U*
Lower	*5-4-2020*	*56*	*0.2U*	*0.2U*
Lower	*1-19-2021*	*14*	*0.2U*	*0.2U*
Mid screen	9-10-21	15	0.2U	0.2U
Lower	*1-5-2022*	*0.2U*	*0.2U*	*0.2U*
Lower	*4-26-22*	*16*	*0.2U*	*0.2U*
Lower	*9-22-22*	*17*	*0.2U*	*0.2U*
Lower	*12-29-22*	*11*	*0.2U*	*0.21*
	5-1-2023	*12*	*0.2U*	*0.22*
	8-21-23	*15*	*0.2U*	*0.2U*
	5-3-24	*12*	*0.2U*	*0.26*

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
SW-4	9-19-13	4.0	0.2U	0.2U
	2-18-14	*2.7*	*0.2U*	*0.2U*
	6-9-14	*9.1*	*0.2U*	*0.2U*
	10-23-14	*7.6*	*0.2U*	*0.2U*
	2-24-15	*5.2*	*0.2U*	*0.2U*
	7-9-15	*18*	*0.2U*	*0.2U*
	11-12-15	*6.5*	*0.2U*	*0.2U*
	3-1-16	*13*	*0.2U*	*0.2U*
	6-3-16	*4.6*	*0.2U*	*0.2U*
	11-15-16	*4.7*	*0.2U*	*0.2U*
	4-27-17	*10*	*0.2U*	*0.2U*
	9-27-17	*2.4*	*0.2U*	*0.2U*
	3-5-18	*3.9*	*0.2U*	*0.2U*
	1-17-19	*2.4*	*0.2U*	*0.2U*
	8-22-19	*3.9*	*0.2U*	*0.2U*
	5-4-2020	*5.5*	*0.2U*	*0.2U*
	1-19-2021	*1.1*	*0.2U*	*0.2U*
	9-17-21	*1.7*	*0.2U*	*0.2U*
	4-26-22	*8.5*	*0.2U*	*0.2U*
	9-22-22	*3.9*	*0.2U*	*0.2U*
	12-29-22	*1.4*	*0.2U*	*0.2U*
	5-1-2023	*1.1*	*0.2U*	*0.2U*
	8-21-23	*2.6*	*0.2U*	*0.2U*
	5-3-24	*8.7*	*0.2U*	*0.2U*
MTCA		5.0	5.0	7.2

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-501	4-10-08	0.2U	0.2U	0.2U
	12-30-09	*0.2U*	*0.2U*	*0.2U*
	4-14-10	*0.54*	*0.2U*	*0.2U*
	7-15-10	*0.2U*	*0.2U*	*0.2U*
	10-19-10	*0.2U*	*0.2U*	*0.2U*
	4-9-13	*0.2U*	*0.2U*	*0.2U*
	2-18-14	*0.2U*	*0.2U*	*0.2U*
	6-9-14	*0.2U*	*0.2U*	*0.2U*
	10-23-14	*0.2U*	*0.2U*	*0.2U*
	2-24-15	*0.2U*	*0.2U*	*0.2U*
	7-9-15	*0.59*	*0.2U*	*0.2U*
	11-12-15	*0.2U*	*0.2U*	*0.2U*
	3-1-16	*0.2U*	*0.2U*	*0.2U*
	6-3-16	*0.45*	*0.2U*	*0.2U*
	11-15-16	*0.2U*	*0.2U*	*0.2U*
	4-27-2017	*0.2U*	*0.2U*	*0.2U*
	9-27-17	*0.2U*	*0.2U*	*0.2U*
	2-28-18	*0.2U*	*0.2U*	*0.2U*
	11-17-19	*0.2U*	*0.2U*	*0.2U*
	8-22-19	*0.2U*	*0.2U*	*0.2U*
	1-19-2021	*0.2U*	*0.2U*	*0.2U*
	9-17-21	0.44	0.2U	0.2U
	12-29-22	*0.2U*	*0.2U*	*0.2U*
	8-21-23	*0.21*	*0.2U*	*0.2U*
	5/3/24	*0.2U*	*0.2U*	*0.2U*

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-502	4-10-08	1.1	0.2U	0.2U
	12-30-09	*0.74*	*0.2U*	*0.2U*
	4-14-10	*0.99*	*0.2U*	*0.2U*
	7-15-10	*1.8*	*0.2U*	*0.2U*
	10-19-10	*2.1*	*0.2U*	*0.2U*
	9-6-11	*4.0*	*0.2U*	*0.2U*
	2-8-12	*1.0*	*0.2U*	*0.2U*
	4-9-13	*1.3*	*0.2U*	*0.2U*
	9-11-13	*4.2*	*0.2U*	*0.2U*
	3-3-14	*1.2*	*0.2U*	*0.2U*
	6-9-14	*5.0*	*0.2U*	*0.2U*
	10-23-14	*3.8*	*0.2U*	*0.2U*
	2-24-15	*4.0*	*0.2U*	*0.2U*
	7-9-15	*4.0*	*0.2U*	*0.2U*
	11-12-15	*1.7*	*0.2U*	*0.2U*
	3-1-16	*4.4*	*0.2U*	*0.2U*
	6-3-16	*4.4*	*0.2U*	*0.2U*
	11-15-16	*1.6*	*0.2U*	*0.2U*
	4-27-17	*3.5*	*0.2U*	*0.2U*
	9-27-17	*3.9*	*0.2U*	*0.2U*
	2-28-18	*3.9*	*0.2U*	*0.2U*
	1-17-19	*2.0*	*0.2U*	*0.2U*
	8-22-19	*3.3*	*0.2U*	*0.2U*
	5-4-2020	*4.2*	*0.2U*	*0.2U*
	1-19-2021	*3.7*	*0.2U*	*0.2U*
	9-17-21	*11*	*0.2U*	*0.2U*
	1-5-2022	*1.6*	*0.2U*	*0.2U*
	4-26-22	*2.6*	*0.2U*	*0.2U*
	9-22-22	*1.8*	*0.2U*	*0.2U*
	12-29-22	*0.67*	*0.2U*	*0.2U*
	5-1-2023	*1.0U*	*0.2U*	*0.2U*
	8-21-23	*1.3*	*0.2U*	*0.2U*
	5/3/24	*1.1*	*0.2U*	*0.2U*

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-503	4-10-08	0.2U	0.2U	0.68
	12-30-09	*0.2U*	*0.2U*	*0.2U*
	4-14-10	*0.2U*	*0.2*	*0.44*
	7-15-10	*0.2U*	*0.2U*	*0.35*
	10-19-10	*0.2U*	*0.2U*	*0.2U*
	2-12-14	*0.2U*	*0.2U*	*0.2U*
	6-9-14	*0.2U*	*0.2U*	*0.2U*
	2-24-15	*0.2U*	*0.2U*	*0.41*
	11-12-15	*0.2U*	*0.2U*	*0.2U*
	3-1-16	*0.2U*	*0.2U*	*0.2U*
	6-3-16	*0.2U*	*0.2U*	*0.8*
	11-15-16	*0.2U*	*0.2U*	*0.2U*
	4-27-17	*0.2U*	*0.2U*	*0.56*
	9-27-17	*0.2U*	*0.2U*	*0.2U*
	2-28-18	*0.2U*	*0.2U*	*0.69*
	1-17-19	*0.2U*	*0.2U*	*0.2U*
	8-22-19	*0.2U*	*0.2U*	*0.2U*
	5-4-2020	*0.2U*	*0.2U*	*0.2U*
	1-19-2021	*0.2U*	*0.2U*	*0.2U*
	9-17-21	0.2U	0.2U	0.2U
	8-21-23	0.2U	0.2U	0.2U
MTCA		5.0	5.0	7.2

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-601	11-3-09	0.2U	0.2U	0.29
	12-30-09	*0.2U*	*0.2U*	*0.2U*
	4-14-10	*0.2U*	*0.2U*	*0.2U*
	7-15-10	*0.2U*	*0.2U*	*0.2U*
	10-19-10	*0.2U*	*0.2U*	*0.2U*
	6-23-11	*0.2U*	*0.2U*	*0.2U*
	7-14-11	*0.2U*	*0.2U*	*0.2U*
	9-12-11	*0.2U*	*0.2U*	*0.2U*
	4-28-21	0.64	0.2U	0.2U
	9-17-21	0.27	0.2U	0.2U
MW-602D	*4-14-10*	*0.2U*	*0.2U*	*0.2U*
MW-602	11-3-09	0.2U	0.2U	0.2U
MW-602S	*12-30-09*	*0.2U*	*0.2U*	*0.2U*
MW-602D	*12-30-09*	*0.2U*	*0.2U*	*0.2U*
MW-602S	*4-14-10*	*2.5*	*0.2U*	*0.2U*
MW-602D		*1.6*	*0.2U*	*0.2U*
MW-602	*7-15-10*	*1.1*	*0.2U*	*0.2U*
	10-19-10	*0.61*	*0.2U*	*0.2U*
	1-13-11	*0.76*	*0.2U*	*0.2U*
	5-17-11	*5*	*0.2U*	*0.2U*
	6-23-11	*2.3*	*0.2U*	*0.2U*
	7-14-11	*1.2*	*0.2U*	*0.2U*
	9-6-11	*1.1*	*0.2U*	*0.2U*
	3-6-12	0.2U	0.2U	0.2U
	7-30-12	*0.85*	*0.2U*	*0.2U*
	4-23-13	*1.4*	*0.2U*	*0.2U*
	9-11-13	*0.48*	*0.2U*	*0.2U*
	6-3-16	*0.62*	*0.2U*	*0.2U*
	11-15-16	*0.2U*	*0.2U*	*0.2U*
	9-27-17	*0.27*	*0.2U*	*0.2U*
	9-17-21	0.54	0.2U	0.2U

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-603	*10-19-10*	*93*	*11*	*0.4U*
	1-13-11	*16*	*0.35*	*0.2U*
	1-18-11	*45*	*0.2U*	*0.2U*
	1-21-11	*73*	*0.2U*	*0.2U*
	5-17-11	*11*	*0.2U*	*0.2U*
	6-23-11	*160*	*0.2U*	*0.2U*
	7-14-11	*100*	*0.2U*	*0.2U*
	9-6-11	*15*	*0.2U*	*0.2U*
	3-6-12	*4.9*	0.2U	0.2U
	4-16-12	*25*	0.2U	0.2U
	2-15-13	*55*	0.4U	0.4U
	9-27-13	*1.2*	0.2U	0.2U
	11-19-13	*9.4*	0.2U	0.2U
	2-18-14	*7.0*	0.2U	0.2U
	3-25-14	*3.8*	0.2U	0.2U
	6-10-14	*3.6*	0.2U	0.2U
	11-12-15	*1.1*	*0.2U*	*0.2U*
	3-1-16	*2.8*	*0.2U*	*0.2U*
	6-3-16	*2.8*	*0.2U*	*0.2U*
	11-15-16	*1.6*	*0.2U*	*0.2U*
	4-27-17	*14*	*0.2U*	*0.65*
	9-27-17	*7.6*	*0.2U*	*0.84*
	2-27-18	*24*	*0.2U*	*0.2U*
	1-17-19	*2.4*	*0.2U*	*0.2U*
	8-22-19	*1.4*	*0.2U*	*0.2U*
	5-5-2020	*2.1*	*0.2U*	*0.2U*
	1-19-2021	*0.92*	*0.2U*	*0.2U*
	4-28-2021	10.0	0.2U	0.2U
	9-17-21	2.7	0.2U	0.2U
	1-5-2022	1.8	0.2U	0.2U
	4-26-22	7.1	0.2U	0.2U
	9-23-22	1.9	0.2U	0.2U
	1-5-23	1.4	0.2U	0.26
	5-1-2023	1.9	0.2U	0.2U
	8-22-23	1.3	0.2U	0.2U
MTCA		5.0	5.0	7.2

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-3	10-28-97	1.0U	1.0U	1.0U
	3-7-06	0.29	0.2U	0.2U
	8-25-06	0.2U	0.2U	0.2U
MW-3S	*4-17-07*	*0.2U*	*0.2U*	*0.2U*
MW-3D		*0.2U*	*0.2U*	*0.2U*
MW-3S	*5-13-08*	*0.22*	*0.2U*	*0.2U*
MW-3D	*5-13-08*	*0.2U*	*0.2U*	*0.2U*
MW-3S	*12-30-09*	*0.2U*	*0.2U*	*0.2U*
MW-3	*4-14-10*	*0.2U*	*0.2U*	*0.2U*
	7-15-10	*0.2U*	*0.2U*	*0.2U*
	10-19-10	*0.2U*	*0.2U*	*0.2U*
	2-8-12	*0.2U*	*0.2U*	*0.2U*
	4-9-13	*0.2U*	*0.2U*	*0.2U*
	2-18-14	*0.2U*	*0.2U*	*0.2U*
	6-9-14	*0.2U*	*0.2U*	*0.2U*
	10-23-14	*0.2U*	*0.2U*	*0.2U*
	2-24-15	*0.2U*	*0.2U*	*0.2U*
	11-12-15	*0.2U*	*0.2U*	*0.2U*
	4-27-17	*0.2U*	*0.2U*	*0.2U*
	9-27-17	*0.2U*	*0.2U*	*0.2U*
	2-28-18	*1.5*	*0.2U*	*0.2U*
	1-17-19	*1.2*	*0.2U*	*0.2U*
	8-22-19	*0.23*	*0.2U*	*0.2U*
	5-4-20	*0.2U*	*0.2U*	*0.2U*
	4-28-2021	0.2U	0.2U	0.2U
	9-6-21	0.2U	0.2U	0.2U

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-301	*4-17-07*	*0.2U*	*0.2U*	*0.2U*
	7-27-07	*0.2U*	*0.2U*	*0.2U*
	5-13-08	*0.22*	*0.2U*	*0.2U*
	12-30-09	*0.2U*	*0.2U*	*0.2U*
	4-14-10	*0.2U*	*0.2U*	*0.2U*
	7-15-10	*0.2U*	*0.2U*	*0.2U*
	10-19-10	*0.2U*	*0.2U*	*0.2U*
	9-6-11	*0.2U*	*0.2U*	*0.2U*
	2-8-12	*0.2U*	*0.2U*	*0.2U*
	4-9-13	*0.2U*	*0.2U*	*0.2U*
	2-18-14	*0.2U*	*0.2U*	*0.2U*
	9-12-21	0.2U	0.2U	0.2U

Table 2 (continued)
Halogenated Compounds – Groundwater

Sample No.	Date	Tetrachloroethylene	Trichloroethylene	Chloroform
MW-302	*4-17-07*	*4.1*	*0.2U*	*5.9*
	7-27-07	*3.9*	*0.2U*	*5.2*
	5-13-08	*4.4*	*0.2U*	*2.8*
	1-21-10	*5.7*	*0.2U*	*1.1*
	4-14-10	*4.9*	*0.23*	*0.78*
	7-15-10	*4.2*	*0.2U*	*0.69*
	10-19-10	*3.7*	*0.2U*	*0.63*
	1-13-11	*3.6*	*0.2U*	*0.5*
	9-6-11	*4.9*	*0.24*	*0.35*
	2-8-12	*4.9*	*0.28*	*0.2*
	7-30-12	*3.7*	*0.24*	*0.2U*
	4-13-13	*3.0*	*0.2*	*0.2U*
	9-11-13	*1.5*	*0.2*	*0.2U*
	6-9-14	*1.3*	*0.2U*	*0.2U*
	10-23-14	*1.1*	*0.2U*	*0.2U*
	11-12-15	*1.5*	*0.2U*	*0.2U*
	3-1-16	*1.3*	*0.2U*	*0.2U*
	6-3-16	*0.54*	*0.2U*	*0.2U*
	11-15-16	*1.1*	*0.2U*	*0.2U*
	4-27-17	*0.47*	*0.2U*	*0.2U*
	2-28-18	*0.59*	*0.2U*	*0.2U*
	1-17-19	*0.41*	*0.2U*	*0.2U*
	8-22-19	*0.91*	*0.2U*	*0.2U*
	5-4-2020	*0.48*	*0.2U*	*0.2U*
	1-19-2021	*0.42*	*0.2U*	*0.2U*
	9-12-21	0.25	0.2U	0.2U
	1-5-2022	0.59	0.2U	0.4
MTCA		5.0	5.0	7.2

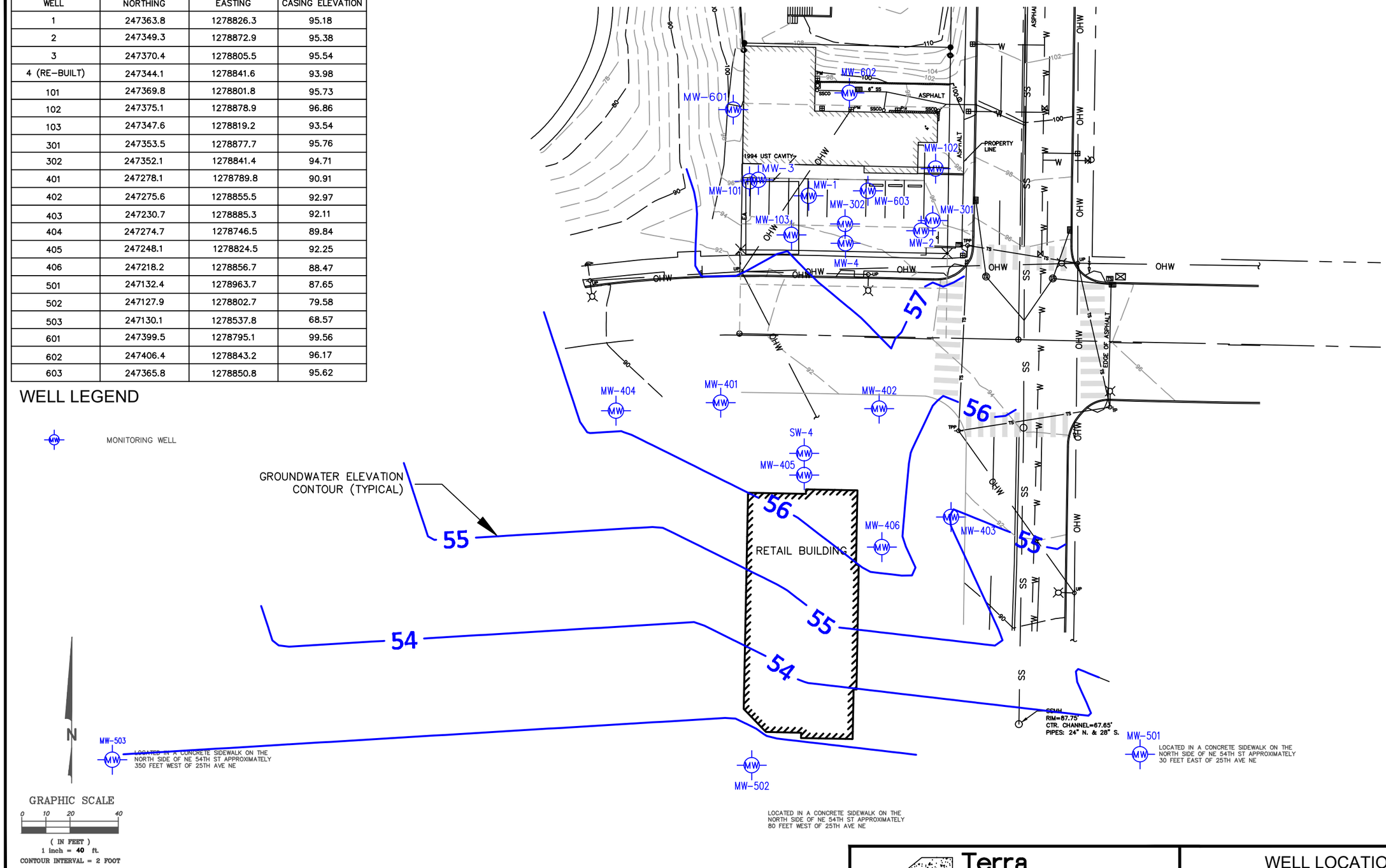
Notes: All units are parts per billion/micrograms per liter (ppb).
U modifier indicates not detected at stated detection value.
Tetrachloroethylene is Method A cleanup value.
Shaded values indicate test results exceeding MTCA Method A values.
Values in italics are from Passive Diffusion Bag Samplers.
D modifier after a date indicates the sample is a field duplicate.
Dates for PDB samplers are the date the sampler was pulled from the well.
The value for chloroform is Method B.
These tables summarize all analytical test results for the contaminants of concern over the life of the well field for Hogan's Corner.

MONITORING WELL	NORTHING	EASTING	NORTH RIM CASING ELEVATION
1	247363.8	1278826.3	95.18
2	247349.3	1278872.9	95.38
3	247370.4	1278805.5	95.54
4 (RE-BUILT)	247344.1	1278841.6	93.98
101	247369.8	1278801.8	95.73
102	247375.1	1278878.9	96.86
103	247347.6	1278819.2	93.54
301	247353.5	1278877.7	95.76
302	247352.1	1278841.4	94.71
401	247278.1	1278789.8	90.91
402	247275.6	1278855.5	92.97
403	247230.7	1278885.3	92.11
404	247274.7	1278746.5	89.84
405	247248.1	1278824.5	92.25
406	247218.2	1278856.7	88.47
501	247132.4	1278963.7	87.65
502	247127.9	1278802.7	79.58
503	247130.1	1278537.8	68.57
601	247399.5	1278795.1	99.56
602	247406.4	1278843.2	96.17
603	247365.8	1278850.8	95.62

WELL LEGEND

MW — MONITORING WELL

GROUNDWATER ELEVATION CONTOUR (TYPICAL)



GRAPHIC SCALE

0 10 20 40

(IN FEET)
1 inch = 40 ft.
CONTOUR INTERVAL = 2 FOOT

Notes: The groundwater contours shown on this map are an interpretation of groundwater depth readings taken on May 14, 2024 and are our interpretation of the data.

Terra Associates, Inc.
Consultants in Geotechnical Engineering
Geology and
Environmental Earth Sciences

WELL LOCATION PLAN
HOGAN'S CORNER
SEATTLE, WASHINGTON

Proj. No.T-2706-1	Date JUNE 2024	Figure 1

APPENDIX A
ANALYTICAL TESTING – GROUNDWATER

Hogan's Corner
Seattle, Washington

Water sampling has been done using passive diffusion bags (PDBs) supplied by ALS Laboratories. The bags were suspended in the wells for a period of two weeks.

All samples were chilled and were delivered to the laboratory within 24 hours of sampling. The time of sampling and the time of delivery are clearly marked on the Chain of Custody forms. All testing was performed within the designated holding times.

At the laboratory, standard quality control procedures were followed. The procedures consisted of sample blanks, duplicates, and matrix spikes. All testing was within normal standards. These procedures are listed on the individual test results reports.

Based on our review of the laboratory data, it is our opinion that the results are acceptable for current use.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 7, 2024

Chuck Lie
Terra Associates, Inc.
12220 113th Avenue NE, Suite 130
Kirkland, WA 98034

Re: Analytical Data for Project 2706-1
Laboratory Reference No. 2405-055

Dear Chuck:

Enclosed are the analytical results and associated quality control data for samples submitted on May 3, 2024.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

Case Narrative

Samples were collected on May 3, 2024 and received by the laboratory on May 3, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-406**					
Laboratory ID:	05-055-01					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	0.26	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-406**					
Laboratory ID:	05-055-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	12	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*103*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-502**					
Laboratory ID:	05-055-02					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-502**					
Laboratory ID:	05-055-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	1.1	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-501**					
Laboratory ID:	05-055-03					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-501**					
Laboratory ID:	05-055-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*103*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-404**					
Laboratory ID:	05-055-04					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-404**					
Laboratory ID:	05-055-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*102*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-401**					
Laboratory ID:	05-055-05					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-401**					
Laboratory ID:	05-055-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	7.9	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*103*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-405**					
Laboratory ID:	05-055-06					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-405**					
Laboratory ID:	05-055-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	41	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*75-127*				
Toluene-d8	*103*	*80-127*				
4-Bromofluorobenzene	*102*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW-1**					
Laboratory ID:	05-055-07					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW-1**					
Laboratory ID:	05-055-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	8.7	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-403**					
Laboratory ID:	05-055-08					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-403**					
Laboratory ID:	05-055-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	1.4	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*75-127*				
Toluene-d8	*103*	*80-127*				
4-Bromofluorobenzene	*103*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-402**					
Laboratory ID:	05-055-09					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-402**					
Laboratory ID:	05-055-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	12	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*102*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506W2					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloromethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Vinyl Chloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Chloroethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Trichlorofluoromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Iodomethane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Methylene Chloride	ND	1.0	EPA 8260D	5-6-24	5-6-24	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chloroform	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Carbon Tetrachloride	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Trichloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromomethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromodichloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	5-6-24	5-6-24	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506W2					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Tetrachloroethene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Dibromochloromethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromoethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Chlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Bromoform	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Bromobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	5-6-24	5-6-24	
2-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
4-Chlorotoluene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	5-6-24	5-6-24	
Hexachlorobutadiene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	5-6-24	5-6-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*103*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0506W2									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**10.6**	**8.59**	10.0	10.0	106	86	34-166	21	21	
Chloromethane	**10.1**	**9.07**	10.0	10.0	101	91	45-145	11	19	
Vinyl Chloride	**10.5**	**9.46**	10.0	10.0	105	95	67-130	10	15	
Bromomethane	**10.9**	**10.4**	10.0	10.0	109	104	27-165	5	36	
Chloroethane	**10.8**	**9.97**	10.0	10.0	108	100	61-132	8	18	
Trichlorofluoromethane	**11.3**	**10.7**	10.0	10.0	113	107	67-136	5	17	
1,1-Dichloroethene	**11.0**	**10.3**	10.0	10.0	110	103	74-125	7	15	
Iodomethane	**10.5**	**10.7**	10.0	10.0	105	107	15-154	2	49	
Methylene Chloride	**9.88**	**9.70**	10.0	10.0	99	97	70-123	2	15	
(trans) 1,2-Dichloroethene	**11.0**	**10.5**	10.0	10.0	110	105	77-125	5	15	
1,1-Dichloroethane	**10.8**	**10.5**	10.0	10.0	108	105	75-125	3	15	
2,2-Dichloropropane	**11.5**	**11.2**	10.0	10.0	115	112	74-152	3	15	
(cis) 1,2-Dichloroethene	**10.9**	**10.5**	10.0	10.0	109	105	78-130	4	15	
Bromochloromethane	**10.9**	**10.8**	10.0	10.0	109	108	79-132	1	15	
Chloroform	**11.0**	**10.6**	10.0	10.0	110	106	73-128	4	15	
1,1,1-Trichloroethane	**10.9**	**10.4**	10.0	10.0	109	104	72-127	5	15	
Carbon Tetrachloride	**11.6**	**11.0**	10.0	10.0	116	110	68-131	5	15	
1,1-Dichloropropene	**11.1**	**10.6**	10.0	10.0	111	106	73-125	5	15	
1,2-Dichloroethane	**10.9**	**10.9**	10.0	10.0	109	109	68-133	0	15	
Trichloroethene	**10.5**	**10.0**	10.0	10.0	105	100	80-126	5	15	
1,2-Dichloropropane	**10.4**	**10.2**	10.0	10.0	104	102	78-124	2	15	
Dibromomethane	**10.3**	**10.4**	10.0	10.0	103	104	76-131	1	15	
Bromodichloromethane	**11.1**	**11.0**	10.0	10.0	111	110	81-128	1	15	
(cis) 1,3-Dichloropropene	**10.7**	**10.5**	10.0	10.0	107	105	80-131	2	15	
(trans) 1,3-Dichloropropene	**10.6**	**10.4**	10.0	10.0	106	104	77-128	2	15	
1,1,2-Trichloroethane	**9.95**	**10.1**	10.0	10.0	100	101	80-124	1	15	
Tetrachloroethene	**10.8**	**10.2**	10.0	10.0	108	102	80-125	6	15	
1,3-Dichloropropane	**10.5**	**10.4**	10.0	10.0	105	104	82-121	1	15	
Dibromochloromethane	**11.7**	**12.3**	10.0	10.0	117	123	81-131	5	15	
1,2-Dibromoethane	**10.3**	**10.2**	10.0	10.0	103	102	82-129	1	15	
Chlorobenzene	**10.4**	**9.93**	10.0	10.0	104	99	80-119	5	15	
1,1,1,2-Tetrachloroethane	**10.3**	**9.91**	10.0	10.0	103	99	80-124	4	15	
Bromoform	**10.3**	**10.5**	10.0	10.0	103	105	77-131	2	15	

Date of Report: May 7, 2024
Samples Submitted: May 3, 2024
Laboratory Reference: 2405-055
Project: 2706-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0506W2									
	SB	SBD	SB	SBD	SB	SBD				
Bromobenzene	**9.77**	**9.79**	10.0	10.0	98	98	73-131	0	15	
1,1,2,2-Tetrachloroethane	**9.64**	**10.1**	10.0	10.0	96	101	66-138	5	15	
1,2,3-Trichloropropane	**9.48**	**9.89**	10.0	10.0	95	99	67-127	4	18	
2-Chlorotoluene	**9.85**	**9.60**	10.0	10.0	99	96	77-131	3	15	
4-Chlorotoluene	**10.0**	**9.77**	10.0	10.0	100	98	79-133	2	15	
1,3-Dichlorobenzene	**10.1**	**10.0**	10.0	10.0	101	100	79-131	1	15	
1,4-Dichlorobenzene	**10.2**	**10.1**	10.0	10.0	102	101	78-127	1	15	
1,2-Dichlorobenzene	**10.1**	**10.1**	10.0	10.0	101	101	79-129	0	15	
1,2-Dibromo-3-chloropropane	**9.67**	**10.1**	10.0	10.0	97	101	62-140	4	18	
1,2,4-Trichlorobenzene	**10.8**	**10.7**	10.0	10.0	108	107	72-142	1	21	
Hexachlorobutadiene	**11.1**	**11.4**	10.0	10.0	111	114	69-149	3	24	
1,2,3-Trichlorobenzene	**10.6**	**10.8**	10.0	10.0	106	108	63-146	2	30	
Surrogate:										
Dibromofluoromethane					*104*	*106*	*75-127*			
Toluene-d8					*102*	*101*	*80-127*			
4-Bromofluorobenzene					*106*	*106*	*78-125*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 1

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Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Company: Tarra Associates Inc.
Project Number: 2706-1
Project Name:
Project Manager: Chuck Lio
Sampled by: Nicolas R. Hoffman

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days)
- ☐ _____ (other)

Laboratory Number: 05-055

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	MW-406	5/3/24	9:25	H_2O	3						X																
2	MW-502		9:35								X																
3	MW-501		9:45								X																
4	MW-404		9:55								X																
5	MW-401		10:05								X																
6	MW-405		10:15								X																
7	SW-1		10:25								X																
8	MW-403		10:35								X																
9	MW-402	↓	10:45	↓	↓						X																

	Signature	Company	Date	Time
Relinquished		TAI	5/3/24	12:20
Received		OSE	5/3/24	1220
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐