ERO

Consultants in Natural Resources and the Environment

4Q23 Groundwater Monitoring Report
Thornton Shopping Center
NE Corner East 88th Avenue and Washington Street
Thornton, Colorado

Prepared for—

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Submitted to—

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1.0 Introduction

ERO Resources Corporation (ERO), on behalf of the Thornton Development Authority (TDA), has prepared this Fourth Quarter 2023 (4Q23) groundwater monitoring report detailing recent monitoring activities for a historic chlorinated solvent release at the Thornton Shopping Center (TSC) property located at the northeast corner of East 88th Avenue and Washington Street in Thornton, Adams County, Colorado (Figure 1). Within this report, "TSC Property" refers to the Thornton Shopping Center real property as shown on Figures 1 and 2, whereas "Site" refers to the extent of known impacts associated with the historical release both on the TSC Property as well as off-site.

Site investigations, remedial actions, and monitoring have been conducted on the TSC Property and the Site since 2004. Several Corrective Action Plans have been submitted since work on the Site began and, as of the date of this report, site activities are currently being investigated and monitored under the most recent Corrective Action Plan Addendum approved by the Colorado Department of Public Health and Environment (CDPHE) with modifications on June 23, 2020 (CDPHE 2020). Between 2004 and 2022, approximately 50 groundwater monitoring wells were installed with periodic groundwater sampling events. ERO, on behalf of TDA, began groundwater monitoring in January 2023. A summary of 4Q23 and historical groundwater monitoring data is provided in the tables included within this quarterly report and the locations of the monitoring wells are shown on Figure 2.

2.0 Physical Setting

The TSC Property is located at the northeast corner of East 88th Avenue and North Washington Street in Thornton, Colorado, generally in the SW 1/4 of Section 23, Township 2 South, Range 68 West of the 6th Principal Meridian. The TSC Property elevation is approximately 5,300 feet above mean sea level (AMSL) at the shopping center location. The land area of the TSC Property is generally flat with the off-site areas having a topographic slope downward to the northeast, north of the shopping center building, and to the southeast, south of the shopping center building.

The TSC Property is located within the City of Thornton, Colorado, is zoned for commercial land use, and is currently used for commercial land use and asphalt-paved parking areas. All tenants occupying commercial space within the TSC property have vacated the property. The TSC Property is bounded on the north by commercial land development; to the east by Corona Street followed by single and multi-

family residential development; to the south by East 88th Avenue and commercial development with multi-family and single-family development to the southeast; and North Washington Street and commercial development to the west (Figure 3).

Historical records indicate the TSC Property was primarily used for agricultural land use until it was first developed with a commercial shopping center in the early 1960s. The current TSC Property buildings were constructed between 1964 and 1979 and have been used for retail businesses, including multiple dry cleaners, an automotive parts and repair facility, a laundromat, a gasoline station, restaurants, and other retail stores. Historical records indicate three dry cleaners are known to have operated on the TSC Property since the 1960s at the addresses of 8866, 8876, and 8946 North Washington Street (ERO 2022). No dry cleaners currently operate on the TSC Property.

3.0 Groundwater Monitoring

ERO conducted the 4Q23 groundwater monitoring event between October 16 and 17, 2023. As part of the quarterly monitoring program, 38 monitoring wells were sampled during this event. Site-wide groundwater monitoring included measuring depth to groundwater, recording water sampling parameters using a YSI Professional Plus multiparameter probe, and collecting groundwater samples for laboratory analysis. Groundwater monitoring well locations are shown on Figures 2, 3, and 4.

3.1 Groundwater Elevations

Prior to any sampling activities, the static water level was measured from the top of the casing in each groundwater monitoring well using a water level indicator. The water level indicator was decontaminated with an Alconox® solution, distilled water rinse, and allowed to air dry prior to initial use and between monitoring wells.

The measured depth to groundwater in the monitoring wells ranged from 7.06 feet (MW-21) to 18.16 feet (MW-15) below the top of casing (excluding nested MW-22D and MW-23D wells). Groundwater level measurements are provided in Table 3 for this monitoring event with historical elevations presented in Table 6. Figure 2 illustrates the groundwater contour map based on water table elevations. Groundwater level measurements from the MW-22D and MW-23D nested well clusters were not used for water table contour mapping. During this monitoring event groundwater flow direction was toward the southeast, consistent with previous reports, with an approximate hydraulic gradient of 0.026 ft/ft, again consistent with previous reports.

3.2 Groundwater Sampling

Groundwater monitoring wells were sampled in the order of least-contaminated wells to most-contaminated wells, based on previous analytical data. With concurrence from CDPHE (CDPHE 2023a), sampling was conducted using one of two methods, based on well characteristics and previous sampling information. A description of the sampling methods is provided below. The individual well sampling

methodology used by ERO during this event is noted in Table 5 and on the field sample sheets (Appendix A).

- Low-flow groundwater sampling consisted of micropurging with a peristaltic pump and dedicated polyethylene tubing. The pump intake was set approximately at the middle of the screened interval of the well. During micropurging, depth to groundwater, pumping rate, and field parameters (specific conductivity, pH, temperature [ºC], oxidation-reduction potential [ORP], and dissolved oxygen [DO]) were monitored and recorded approximately every five minutes. Groundwater samples were collected after three consecutive readings of three field parameters indicated stabilization (i.e., within 0.2 for pH, 3% for temperature, 3% for specific conductivity, 20 millivolts for ORP, and 10% for DO). Field parameter measurements were recorded on well sampling sheets (included within Appendix A) and are summarized in Table 4 with historical parameters listed in Table 7.
- Bailer-sampled wells were purged with a new disposable bailer and sampled immediately after purging three casing volumes. If the well bailed dry, the well was sampled at the end of the day or the beginning of the following day. Groundwater parameters were recorded by pouring the bailed water into a cup holding a multi-parameter meter. Field parameter measurements were recorded on well sampling sheets (included within Appendix A) and are summarized in Table 4 with historical parameters listed in Table 7. Upon completion of purging, the sample was collected directly from the bailer.

Samples were collected in laboratory-provided, certified clean 40-milliliter (mL) glass vials for analysis of chlorinated volatile organic compounds (VOCs), which include tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), 1,1-dichloroethene (1,1-DCE), and vinyl chloride (VC) by EPA Method 8260B. Select wells were slated for additional sampling for ongoing evaluation of previous BOS-100 injections. Samples from wells MW-13, MW-14, MW-15, MW-23, and MW-26D were also placed in polyethylene containers to be analyzed for chloride by EPA Method 300.1. Samples containers were labeled, placed on ice, and delivered to Pace Analytical Laboratory shipping center in Denver, Colorado for shipment to the Mt. Juliet, Tennessee laboratory under chain of custody.

Duplicate quality control samples were collected concurrently from wells MW-09, MW-16, and MW-22D 41-46’ and are noted in their nomenclature with a “DUP” in the well name on Table 5. Wells MW-22D 72.5-75’ and MW-23D 64-74’ were dry and there was insufficient volume to collect a sample.

3.2.1 BOS-100 Wells.

Wells MW-18, MW-19, MW-20, and MW-24 were found during monitoring activities to contain residual BOS-100 remediation product. These wells were not sampled during the 4Q23 sampling event. However, grab (e.g., no purge) samples were collected from these wells in July 2023 and results are discussed within the 3Q23 report.

3.2.2 MW-23D 47-52

During the 3Q23 sampling, ERO observed what appeared to be used motor oil staining around the well flushmount manholes for the MW-13/MW-23D well cluster. As ERO began to measure well MW-23D 47-52' an oily-water mix of suspected used oil was noted on the water level tape during measurement of and then within the initial bailer retrieved from the well. A detailed discussion of this well was presented in the 3Q23 Monitoring Report (ERO 2023). During the 4Q23 sampling event, the oily water mixture of suspected used oil was still observed, but a sample was still collected from the bottom of well MW-23D 47-52'.

4.0 Laboratory Results

Groundwater monitoring results were compared to their respective standards listed in CDPHE Basic Standards for Groundwater, Regulation 41 (CDPHE 2020) and are summarized in Table 5. Historical site groundwater data is listed in Table 8. Exceedances of standards are highlighted in each table.

4.1.1 BOS-100 Wells.

The 3Q23 samples from wells MW-18, MW-19, and MW-24 did not detect PCE or any degradation products above the laboratory reporting limit. No samples were collected during 4Q23.

4.1.2 MW-23D 47-52

Sample results from MW-23D 47-52' continue to show results consistent with historical data from this well and data is included within site tables with a specific comparison provided in Table 1 below

Table 1. MW-23D 47-52' Historical results.

Well	Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC
MW-23D 47-52'	11/8/2016	**2,090**	**15**	36	<5.0	<5.0	<5.0
	12/10/2021	**150**	**16**	17	<1.0	<1.0	<1.0
	3/25/2022	**100**	**9.8**	7.5	<1.0	<1.0	<1.0
	1/24/2023	**190**	**12.8**	5.0	<1.00	<1.00	<1.00
	4/24/2023	**181**	**10.1**	4.31 J	<10.0	<10.0	<10.0
	10/16/2023	**149**	**8.49**	2.55	<1.0	<1.0	<1.0
-TOWP	7/19/2023	**102**	4.99	1.37	<1.0	<1.0	<1.0
-BASE	7/19/2023	**136**	**7.62**	3.12	<1.0	<1.0	<1.0

Concentrations in ug/L.
Bold = Concentration exceeds CBGWS
"<" = analyte not detected above stated laboratory reporting limit.
J = Estimated concentration below reporting limit.

4.1.3 Laboratory QC

ERO reviewed laboratory quality control (QC) data as well as the calculated relative percent difference (RPD) of detected analytes from duplicate samples collected during this monitoring event. Laboratory method blanks did not detect contaminants of concern within any of the runs and laboratory method spikes were less than the 20 percent limits stated within the laboratory QC documentation. Field

duplicate RPD values are shown in Table 2. RPD was not able to be calculated for some constituents due to high laboratory dilution. Thus, the constituent concentration was reported as less than the laboratory reporting limit based on the dilution factor. The field RPD values varied by well and by analyte from 4 percent to 19 percent. Although the RPD was not able to be calculated for some constituents, it does not, in ERO's opinion, render the data unusable.

Table 2. Duplicate sample RPD analysis.

Well	Sample Method	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)
MW-09	Low Flow	3,580	<200	37.6 J
		3,350	<200	<200
	RPD	*7%*	*NC*	*NC*
MW-16	Low Flow	185	4.80	5.81
		178	3.98	4.96
	RPD	*4%*	*19%*	*16%*
MW-22D 41-46'	Bailer	3,200	<200	<200
		2,810	<200	<200
	RPD	*13%*	*NC*	*NC*

NC=Not calculated

5.0 Investigation Derived Waste

Purged groundwater investigation derived waste (IDW) was containerized in DOT-approved 55-gallon steel drums at the time of generation. The drums were labeled in accordance with Colorado Hazardous Waste Regulations and stored within a secondary containment area of the drum storage area within Thornton Shopping Center, Unit 8852. IDW was treated in accordance with ERO's October 2, 2023 Request for Treatment by Rule for On-site Generator Hazardous Environmental Media IDW Treatment approved by CDPHE on October 13, 2023. Results of the treatment were submitted for Contained Out determination on December 4, 2023 and approved by CDPHE on December 13, 2023. The IDW is currently within the approval processes at the disposal facility for disposal. No disposal associated with this monitoring event has occurred as of the date of this monitoring report.

6.0 Conclusions and Recommendations

ERO has completed the 4Q23 groundwater monitoring event at the TSC in general accordance with the previously documented Corrective Action Plan, past monitoring reports, and in consultation with CDPHE. Based on this data obtained, ERO presents the following conclusions:

- Groundwater flow remains consistent with recently reported flow to the southeast.
- Groundwater PCE concentrations were within historical ranges this sampling event.

- Wells MW-18, MW-19, MW-20, and MW-24 continue to contain evidence of previous remedial BOS-100 injections within the wells.
- Well MW-23D 47-52' and the MW-23D nested well cluster will continue to be monitored in order to determine the source and/or impacts of the oil water mixture, however the oil-water mixture does not appear to have impacted the groundwater monitoring usefulness of the well.

As ERO obtains additional site data from subsequent monitoring events, further site evaluation will be presented. The next quarterly groundwater monitoring event is scheduled in January 2024.

7.0 References

Colorado Department of Public Health and Environment (CDPHE). 2020a. Water Quality Control Commission. Basic Standards for Ground Water. 5 CCR 1002-41, Regulation No. 41. Effective June 30.

Colorado Department of Public Health and Environment (CDPHE). 2020b. Thornton Shopping Center, 2020 Corrective Action Plan Addendum Approval with Modifications. HMWMD File COR000212639/3.2. June 23.

Colorado Department of Public Health and Environment (CDPHE). 2023a. Email from Lindsay Murl to Jack Denman (ERO). Re: TDA Interim Monitoring Plan for TSC. January 19.

Colorado Department of Public Health and Environment (CDPHE). 2023b. Email from Lindsay Murl to Jack Denman (ERO). Re: TSC Sampling - BOS in wells. January 30.

ERO Resources Corporation (ERO). 2022. Phase I Environmental Site Assessment - Thornton Shopping Center, NE of North Washington Street at East 88th Avenue, Thornton, Colorado. November 11.

ERO Resources Corporation (ERO). 2023. 3Q23 Groundwater Monitoring Report, Thornton Shopping Center, NE Corner East 88th Avenue and Washington Street, Thornton, Colorado. November 14.

Quantum Water & Environment (Quantum). 2022. First Quarter 2022 Groundwater Summary Report, Thornton Shopping Center, Northeast Corner of East 88th Avenue and Washington Street, Thornton, Colorado. HMWMD File: COR000212639/3.2. May 26.

Table 3. 4th Quarter 2023 groundwater elevations.

Well ID	Date of Measurement	Ground Surface Elevation (feet above TOC)	Depth to Water (feet below TOC)	Water Table Elevation (feet above MSL)
MW-01	10/16/2023	5299.16	8.05	5291.11
MW-02	10/17/2023	5302.21	16.28	5285.93
MW-03	10/16/2023	5301.07	10.90	5290.17
MW-04	10/16/2023	5299.42	10.11	5289.31
MW-05	10/17/2023	5302.58	14.82	5287.76
MW-06	10/17/2023	5303.23	14.42	5288.81
MW-08	10/16/2023	5298.95	9.04	5289.91
MW-09	10/17/2023	5302.62	15.04	5287.58
MW-10	10/16/2023	5301.73	10.31	5291.42
MW-11	10/17/2023	5303.25	12.41	5290.84
MW-12R	10/17/2023	5303.55	12.24	5291.31
MW-13	10/17/2023	5301.02	17.25	5283.77
MW-14	10/17/2023	5300.31	17.50	5282.81
MW-15	10/17/2023	5300.16	18.16	5282.00
MW-16	10/17/2023	5300.28	16.59	5283.69
MW-17	10/16/2023	5303.10	11.96	5291.14
MW-18	10/16/2023	5292.40	15.87	5276.53
MW-19	10/16/2023	5284.28	12.08	5272.20
MW-20	10/16/2023	5291.48	14.18	5277.30
MW-21	10/16/2023	5267.91	7.06	5260.85
MW-22	10/16/2023	5299.56	16.18	5283.38
MW-22D 30-35'	10/17/2023	5303.38	13.19	5290.19
MW-22D 35-40'	10/17/2023	5303.42	12.72	5290.70
MW-22D 41-46'	10/17/2023	5303.17	16.65	5286.52
MW-22D 48-53'	10/17/2023	5303.15	19.33	5283.82
MW-22D 55-60'	10/17/2023	5303.27	26.30	5276.97
MW-22D 72.5-75'	10/16/2023	5303.44	DRY	NA
MW-23	10/16/2023	5290.01	16.03	5273.98
MW-23D 31-33.5'	10/16/2023	NA	17.35	NA
MW-23D 47-52'	10/16/2023	NA	20.86	NA
MW-23D 56.5-61.5'	10/16/2023	5301.16	34.36	5266.80
MW-23D 64-74'	10/16/2023	5301.12	DRY	NA
MW-24	10/16/2023	5283.66	12.73	5270.93
MW-25	10/17/2023	5280.03	9.11	5270.92
MW-26D	10/16/2023	5284.75	13.24	5271.51
MW-27	10/16/2023	5301.80	9.92	5291.88
MW-28	10/16/2023	5301.62	10.59	5291.03
MW-29	10/17/2023	5276.07	8.47	5267.60
MW-30	10/17/2023	5260.74	10.35	5250.39
MW-31	10/17/2023	5246.61	10.27	5236.34
MW-32	10/16/2023	5251.06	8.32	5242.74
MW-33	10/17/2023	5257.23	9.91	5247.32
MW-34	10/17/2023	5269.36	11.28	5258.08
MW-35	10/17/2023	5271.72	9.41	5262.31

TOC = Top of Casing

MSL = Mean Sea Level

NA = Unknown/Not Surveyed

Table 4. 4th Quarter 2023 groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)	pH	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)
MW-01	10/16/2023	18.3	7.67	20	9.55	26.0
MW-02	10/17/2023	18.2	7.39	6,159	0.80	-46.7
MW-03	10/16/2023	18.9	7.52	4,853	0.92	-3.0
MW-04	10/16/2023	18.5	7.75	1701.0	1.79	-22.0
MW-05	10/17/2023	17.6	7.36	3,804	5.77	-2.0
MW-06	10/17/2023	18.1	7.66	5,563	0.32	-56.2
MW-08	10/16/2023	16.5	7.68	5,389	0.21	-15.5
MW-09	10/17/2023	20.2	6.78	2,694	0.15	46.0
MW-10	10/16/2023	18.8	7.25	10,216	0.82	95.6
MW-11	10/17/2023	19.2	7.80	2,233	0.26	-66.1
MW-12R	10/17/2023	18.0	8.57	907	0.25	-1.5
MW-13	10/17/2023	17.80	7.62	6,485	0.16	-52.3
MW-14	10/17/2023	17.1	6.84	6,630	0.13	-17.0
MW-15	10/17/2023	16.9	6.94	6,041	0.15	29.0
MW-16	10/17/2023	16.5	7.19	4,572	0.41	50.1
MW-17	10/16/2023	18.1	7.75	2,943	1.98	43.5
MW-18	10/16/2023	NS	NS	NS	NS	NS
MW-19	10/16/2023	NS	NS	NS	NS	NS
MW-20	10/16/2023	NS	NS	NS	NS	NS
MW-21	10/16/2023	17.3	7.47	6,177	0.15	-3.3
MW-22	10/16/2023	16.4	7.73	4,461	4.50	32.8
MW-22D 30-35'	10/17/2023	17.4	7.21	6,618	2.11	33.8
MW-22D 35-40'	10/17/2023	17.5	7.64	3,295	6.56	15.0
MW-22D 41-46'	10/17/2023	17.3	6.97	6,784	1.40	36.0
MW-22D 48-53'	10/17/2023	16.9	6.89	7,012	2.49	25.0
MW-22D 55-60'	10/17/2023	17.8	7.04	7,135	3.74	22.6
MW-22D 72.5-75'	10/16/2023	NS	NS	NS	NS	NS
MW-23	10/16/2023	18.2	7.32	6,625	0.39	-10.6
MW-23D 31-33.5'	10/16/2023	16.9	7.20	3,939	2.83	50.1
MW-23D 47-52'	10/16/2023	NS	NS	NS	NS	NS
MW-23D 56.5-61.5'	10/16/2023	13.8	7.93	0.50	9.33	-33.1
MW-23D 64-74'	10/16/2023	NS	NS	NS	NS	NS
MW-24	10/16/2023	NS	NS	NS	NS	NS
MW-25	10/17/2023	17.4	7.30	4,559	0.46	-196.7
MW-26D	10/16/2023	15.7	7.29	3,845	2.97	50.3
MW-27	10/16/2023	19.7	7.38	7,408	1.47	134.2
MW-28	10/16/2023	18.8	7.42	6,229	0.10	-11.0
MW-29	10/17/2023	19.4	7.43	6,185	0.19	-56.2
MW-30	10/17/2023	17.2	7.70	6,424	0.76	-69.4
MW-31	10/17/2023	17.5	7.42	7,237	0.73	41.5
MW-32	10/16/2023	19.6	7.54	4,961	0.54	-26.2
MW-33	10/17/2023	19.0	7.61	5,215	1.80	57.8
MW-34	10/17/2023	17.0	7.38	4,942	0.34	42.3
MW-35	10/17/2023	18.9	7.45	3,173	2.61	14.3

µS/cm = microsiemens per centimeter
mg/L = milligrams per liter
mV = millivolts
°C = Degree Celsius
NS - No parameters taken

Table 5. 4th Quarter 2023 groundwater sample results.

Well ID	Sample Method	Date of Sample Collection	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	1,1-Dichloroethene (µg/L)	Vinyl Chloride (µg/L)	Chloride (mg/L)
MW-01	Bailer	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-02	Low Flow	10/17/2023	**349**	<20.0	<20.0	<20.0	<20.0	<20.0	--
MW-03	Low Flow	10/16/2023	**18.2**	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-04	Low Flow	10/16/2023	**67.8**	2.74	<1.00	<1.00	<1.00	<1.00	--
MW-05	Bailer	10/17/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-06	Low Flow	10/17/2023	**2,090**	**18.8 J**	36	<20.0	<20.0	**5.53 J**	--
MW-08	Low Flow	10/16/2023	0.96 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-09	Low Flow	10/17/2023	**3,350**	<200	<200	<200	<200	<200	--
MW-09 DUP	Low Flow	10/17/2023	**3,580**	<200	37.6 J	<200	<200	<200	--
MW-10	Low Flow	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-11	Low Flow	10/17/2023	**25,700**	**217 J**	**512**	<500	<500	<500	--
MW-12R	Low Flow	10/17/2023	**114**	0.866 J	0.42 J	<1.00	<1.00	<1.00	--
MW-13	Low Flow	10/17/2023	**4,550**	<200	<200	<200	<200	<200	**458**
MW-14	Low Flow	10/17/2023	**5,060**	**23.4 J**	52.4 J	<100	<100	<100	**425**
MW-15	Low Flow	10/17/2023	**1,710**	**11.5**	17.9	<10.0	<10.0	<10.0	**591**
MW-16	Low Flow	10/17/2023	**178**	3.98	4.96	<1.00	<1.00	<1.00	--
MW-16 DUP	Low Flow	10/17/2023	**185**	4.8	5.81	<1.00	<1.00	<1.00	--
MW-17	Low Flow	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-18	NS	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	NS	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	NS	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-21	Low Flow	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-22	Low Flow	10/16/2023	0.543 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-22D 30-35'	Bailer	10/17/2023	**4,670**	<200	<200	<200	<200	<200	--
MW-22D 35-40'	Bailer	10/17/2023	**4,680**	<200	<200	<200	<200	<200	--
MW-22D 41-46'	Bailer	10/17/2023	**3,200**	<200	<200	<200	<200	<200	--
MW-22D 41-46' DUP	Bailer	10/17/2023	**2,810**	<200	<200	<200	<200	<200	--
MW-22D 48-53'	Bailer	10/17/2023	**3,500**	<100	<100	<100	<100	<100	--
MW-22D 55-60'	Bailer	10/17/2023	**104,000**	<100	<100	<100	<100	<100	--
MW-22D 72.5-75'	NS	10/16/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23	Low Flow	10/16/2023	3.4	<1.00	<1.00	<1.00	<1.00	<1.00	211
MW-23D 31-33.5'	Bailer	10/16/2023	**192**	3.02	3.1	<1.00	<1.00	<1.00	--
MW-23D 47-52'	Bailer	10/16/2023	**149**	**8.49**	2.55	<1.0	<1.0	<1.0	--
MW-23D 56.5-61.5'	Bailer	10/16/2023	**166**	3.97	0.147 J	<1.00	<1.00	<1.00	--
MW-23D 64-74'	NS	10/16/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-24	NS	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-25	Low Flow	10/17/2023	**270**	**21.5**	<10.0	<10.0	<10.0	<10.0	--
MW-26D	Bailer	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	84.6
MW-27	Low Flow	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-28	Low Flow	10/16/2023	8.68	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-29	Bailer	10/17/2023	**550**	**33.9**	3.33 J	<20.0	<20.0	<20.0	--
MW-30	Low Flow	10/17/2023	**165**	4.41 J	<10.0	<10.0	<10.0	<10.0	--
MW-31	Low Flow	10/17/2023	14.3	2.2	0.288 J	<1.00	<1.00	<1.00	--
MW-32	Low Flow	10/16/2023	**17.5**	2.26	0.665 J	<1.00	<1.00	<1.00	--

Table 5. 4th Quarter 2023 groundwater sample results.

Well ID	Sample Method	Date of Sample Collection	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	1,1-Dichloroethene (µg/L)	Vinyl Chloride (µg/L)	Chloride (mg/L)
MW-33	Low Flow	10/17/2023	**70**	2.08	<1.00	<1.00	<1.00	<1.00	--
MW-34	Low Flow	10/17/2023	**75.4**	**117**	42.4	25	0.479 J	**0.39 J**	--
MW-35	Low Flow	10/17/2023	**91.8**	1.97	0.532 J	<1.00	<1.00	<1.00	--
CDPHE- The Basic Standards for Groundwater [1]			*17*	*5*	*70*	*140*	*7*	*2*	*250*

mg/L = milligrams per liter

µg/L = micrograms per Liter

Bold = Exceeds standard

"DUP" = Duplicate sample

NS = Not sampled

BOS = BOS 200 injection fluid in groundwater

"J" = Reported value is an estimate

"<" = Not detected at the laboratory method reporting limit

"--" = The water sample was not analyzed for the constituent indicated

[1]Colorado Department of Public Health and Environment - Basic Standards for Groundwater (2020)

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-01	10/15/2005	11.04	5299.16	5288.12
MW-01	3/22/2006	11.18	5299.16	5287.98
MW-01	6/28/2006	9.58	5299.16	5289.58
MW-01	10/12/2006	9.70	5299.16	5289.46
MW-01	1/20/2007	9.56	5299.16	5289.60
MW-01	4/20/2007	8.98	5299.16	5290.18
MW-01	7/14/2007	8.94	5299.16	5290.22
MW-01	6/13/2008	8.92	5299.16	5290.24
MW-01	10/3/2008	8.90	5299.16	5290.26
MW-01	3/31/2009	9.58	5299.16	5289.58
MW-01	6/30/2009	8.88	5299.16	5290.28
MW-01	10/14/2009	9.03	5299.16	5290.13
MW-01	12/15/2009	9.26	5299.16	5289.90
MW-01	3/31/2010	9.61	5299.16	5289.55
MW-01	8/17/2011	8.89	5299.16	5290.27
MW-01	3/30/2012	9.50	5299.16	5289.66
MW-01	6/14/2012	8.40	5299.16	5290.76
MW-01	9/13/2012	8.91	5299.16	5290.25
MW-01	12/13/2012	10.34	5299.16	5288.82
MW-01	3/19/2013	10.56	5299.16	5288.60
MW-01	10/24/2013	9.73	5299.16	5289.43
MW-01	4/22/2014	6.50	5299.16	5292.66
MW-01	10/20/2014	8.36	5299.16	5290.80
MW-01	2/9/2015	10.28	5299.16	5288.88
MW-01	10/7/2015	7.70	5299.16	5291.46
MW-01	4/13/2016	3.73	5299.16	5295.43
MW-01	10/13/2016	8.79	5299.16	5290.37
MW-01	4/11/2017	10.37	5299.16	5288.79
MW-01	10/24/2017	8.69	5299.16	5290.47
MW-01	5/22/2018	8.80	5299.16	5290.36
MW-01	10/11/2018	8.95	5299.16	5290.21
MW-01	4/5/2019	9.82	5299.16	5289.34
MW-01	5/14/2019	9.81	5299.16	5289.35
MW-01	10/7/2019	9.07	5299.16	5290.09
MW-01	4/6/2020	9.61	5299.16	5289.55
MW-01	10/20/2020	9.50	5299.16	5289.66
MW-01	12/6/2021	9.00	5299.16	5290.16
MW-01	3/22/2022	6.33	5299.16	5292.83
MW-01	1/23/2023	9.54	5299.16	5289.62
MW-01	4/24/2023	9.13	5299.16	2590.03
MW-01	7/13/2023	8.63	5299.16	5290.53
MW-01	10/16/2023	8.05	5299.16	5291.11
MW-02	10/15/2005	25.27	5302.21	5276.94
MW-02	3/22/2006	19.80	5302.21	5282.41
MW-02	6/28/2006	17.45	5302.21	5284.76

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-02	10/12/2006	16.50	5302.21	5285.71
MW-02	1/20/2007	16.03	5302.21	5286.18
MW-02	4/20/2007	17.08	5302.21	5285.13
MW-02	7/14/2007	16.05	5302.21	5286.16
MW-02	6/13/2008	16.03	5302.21	5286.18
MW-02	10/3/2008	15.75	5302.21	5286.46
MW-02	3/31/2009	19.53	5302.21	5282.68
MW-02	6/30/2009	16.83	5302.21	5285.38
MW-02	10/14/2009	14.63	5302.21	5287.58
MW-02	12/15/2009	16.03	5302.21	5286.18
MW-02	3/31/2010	17.73	5302.21	5284.48
MW-02	8/17/2011	15.32	5302.21	5286.89
MW-02	3/30/2012	17.10	5302.21	5285.11
MW-02	6/14/2012	16.52	5302.21	5285.69
MW-02	9/13/2012	16.91	5302.21	5285.30
MW-02	12/13/2012	18.58	5302.21	5283.63
MW-02	3/19/2013	18.68	5302.21	5283.53
MW-02	10/24/2013	15.98	5302.21	5286.23
MW-02	4/22/2014	17.86	5302.21	5284.35
MW-02	10/20/2014	16.10	5302.21	5286.11
MW-02	2/9/2015	18.65	5302.21	5283.56
MW-02	10/7/2015	16.33	5302.21	5285.88
MW-02	4/13/2016	17.13	5302.21	5285.08
MW-02	10/13/2016	16.83	5302.21	5285.38
MW-02	4/11/2017	18.16	5302.21	5284.05
MW-02	10/24/2017	16.10	5302.21	5286.11
MW-02	5/22/2018	16.05	5302.21	5286.16
MW-02	10/11/2018	15.69	5302.21	5286.52
MW-02	4/5/2019	17.10	5302.21	5285.11
MW-02	5/14/2019	17.03	5302.21	5285.18
MW-02	10/7/2019	16.92	5302.21	5285.29
MW-02	4/6/2020	17.73	5302.21	5284.48
MW-02	10/20/2020	17.21	5302.21	5285.00
MW-02	12/9/2021	18.08	5302.21	5284.13
MW-02	3/28/2022	18.67	5302.21	5283.54
MW-02	1/26/2023	18.40	5302.21	5283.81
MW-02	4/25/2023	18.23	5302.21	5283.98
MW-02	7/13/2023	16.48	5302.21	5285.73
MW-02	10/17/2023	16.28	5302.21	5285.93
MW-03	10/15/2005	11.73	5301.07	5289.34
MW-03	3/22/2006	13.45	5301.07	5287.62
MW-03	6/28/2006	12.28	5301.07	5288.79
MW-03	10/12/2006	12.13	5301.07	5288.94
MW-03	1/20/2007	11.36	5301.07	5289.71
MW-03	4/20/2007	11.17	5301.07	5289.90

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-03	7/14/2007	10.63	5301.07	5290.44
MW-03	6/13/2008	11.54	5301.07	5289.53
MW-03	10/3/2008	10.80	5301.07	5290.27
MW-03	3/31/2009	13.11	5301.07	5287.96
MW-03	6/30/2009	10.33	5301.07	5290.74
MW-03	10/14/2009	11.55	5301.07	5289.52
MW-03	12/15/2009	11.85	5301.07	5289.22
MW-03	3/31/2010	12.07	5301.07	5289.00
MW-03	8/17/2011	10.85	5301.07	5290.22
MW-03	3/30/2012	12.16	5301.07	5288.91
MW-03	6/14/2012	11.15	5301.07	5289.92
MW-03	9/13/2012	11.66	5301.07	5289.41
MW-03	12/13/2012	12.91	5301.07	5288.16
MW-03	3/19/2013	14.02	5301.07	5287.05
MW-03	10/24/2013	11.02	5301.07	5290.05
MW-03	4/22/2014	12.14	5301.07	5288.93
MW-03	10/20/2014	11.06	5301.07	5290.01
MW-03	2/9/2015	13.02	5301.07	5288.05
MW-03	10/7/2015	10.98	5301.07	5290.09
MW-03	4/13/2016	11.46	5301.07	5289.61
MW-03	10/13/2016	11.55	5301.07	5289.52
MW-03	4/11/2017	13.10	5301.07	5287.97
MW-03	10/24/2017	11.39	5301.07	5289.68
MW-03	5/22/2018	11.46	5301.07	5289.61
MW-03	4/5/2019	12.42	5301.07	5288.65
MW-03	5/14/2019	12.36	5301.07	5288.71
MW-03	10/7/2019	11.72	5301.07	5289.35
MW-03	4/6/2020	12.07	5301.07	5289.00
MW-03	10/20/2020	12.02	5301.07	5289.05
MW-03	12/8/2021	11.95	5301.07	5289.12
MW-03	3/22/2022	12.59	5301.07	5288.48
MW-03	1/24/2023	12.31	5301.07	5288.76
MW-03	4/24/2023	11.83	5301.07	5289.24
MW-03	7/13/2023	9.92	5301.07	5291.15
MW-03	10/16/2023	10.90	5301.07	5290.17
MW-04	10/15/2005	10.41	5299.42	5289.01
MW-04	3/22/2006	12.26	5299.42	5287.16
MW-04	6/28/2006	11.77	5299.42	5287.65
MW-04	10/12/2006	11.30	5299.42	5288.12
MW-04	1/20/2007	10.72	5299.42	5288.70
MW-04	4/20/2007	10.40	5299.42	5289.02
MW-04	7/14/2007	9.73	5299.42	5289.69
MW-04	6/13/2008	10.40	5299.42	5289.02
MW-04	10/3/2008	9.70	5299.42	5289.72
MW-04	3/31/2009	12.22	5299.42	5287.20

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-04	6/30/2009	10.10	5299.42	5289.32
MW-04	10/14/2009	10.80	5299.42	5288.62
MW-04	12/15/2009	10.50	5299.42	5288.92
MW-04	3/31/2010	11.02	5299.42	5288.40
MW-04	8/17/2011	10.14	5299.42	5289.28
MW-04	3/30/2012	11.42	5299.42	5288.00
MW-04	6/14/2012	10.35	5299.42	5289.07
MW-04	9/13/2012	9.95	5299.42	5289.47
MW-04	12/13/2012	11.86	5299.42	5287.56
MW-04	3/19/2013	12.93	5299.42	5286.49
MW-04	10/24/2013	9.96	5299.42	5289.46
MW-04	4/22/2014	11.41	5299.42	5288.01
MW-04	10/20/2014	10.30	5299.42	5289.12
MW-04	2/9/2015	12.06	5299.42	5287.36
MW-04	10/7/2015	10.35	5299.42	5289.07
MW-04	4/13/2016	10.40	5299.42	5289.02
MW-04	10/13/2016	10.81	5299.42	5288.61
MW-04	4/11/2017	12.82	5299.42	5286.60
MW-04	10/24/2017	10.69	5299.42	5288.73
MW-04	5/22/2018	10.93	5299.42	5288.49
MW-04	10/11/2018	10.49	5299.42	5288.93
MW-04	4/5/2019	11.29	5299.42	5288.13
MW-04	5/14/2019	11.41	5299.42	5288.01
MW-04	10/7/2019	11.03	5299.42	5288.39
MW-04	4/6/2020	11.02	5299.42	5288.40
MW-04	10/20/2020	11.21	5299.42	5288.21
MW-04	12/8/2021	11.20	5299.42	5288.22
MW-04	3/22/2022	9.66	5299.42	5289.76
MW-04	1/24/2023	9.13	5299.42	5290.29
MW-04	4/24/2023	11.43	5299.42	5287.99
MW-04	7/13/2023	9.36	5299.42	5290.06
MW-04	10/16/2023	10.11	5299.42	5289.31
MW-05	10/15/2005	15.94	5302.58	5286.64
MW-05	3/22/2006	18.60	5302.58	5283.98
MW-05	6/28/2006	16.12	5302.58	5286.46
MW-05	10/12/2006	16.49	5302.58	5286.09
MW-05	1/20/2007	15.53	5302.58	5287.05
MW-05	4/20/2007	15.63	5302.58	5286.95
MW-05	7/14/2007	15.26	5302.58	5287.32
MW-05	6/13/2008	16.14	5302.58	5286.44
MW-05	10/3/2008	14.96	5302.58	5287.62
MW-05	3/31/2009	18.53	5302.58	5284.05
MW-05	6/30/2009	14.14	5302.58	5288.44
MW-05	10/14/2009	15.71	5302.58	5286.87
MW-05	12/15/2009	15.81	5302.58	5286.77

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-05	3/31/2010	16.07	5302.58	5286.51
MW-05	8/17/2011	14.48	5302.58	5288.10
MW-05	3/30/2012	15.65	5302.58	5286.93
MW-05	6/14/2012	15.01	5302.58	5287.57
MW-05	9/13/2012	15.60	5302.58	5286.98
MW-05	12/13/2012	16.90	5302.58	5285.68
MW-05	3/19/2013	16.19	5302.58	5286.39
MW-05	10/24/2013	14.48	5302.58	5288.10
MW-05	4/22/2014	15.54	5302.58	5287.04
MW-05	10/20/2014	14.55	5302.58	5288.03
MW-05	2/9/2015	16.93	5302.58	5285.65
MW-05	10/7/2015	15.33	5302.58	5287.25
MW-05	4/13/2016	15.91	5302.58	5286.67
MW-05	10/13/2016	14.64	5302.58	5287.94
MW-05	4/11/2017	16.25	5302.58	5286.33
MW-05	10/24/2017	14.39	5302.58	5288.19
MW-05	5/22/2018	16.01	5302.58	5286.57
MW-05	10/11/2018	14.21	5302.58	5288.37
MW-05	4/5/2019	15.79	5302.58	5286.79
MW-05	5/14/2019	15.78	5302.58	5286.80
MW-05	10/7/2019	15.85	5302.58	5286.73
MW-05	4/6/2020	16.07	5302.58	5286.51
MW-05	10/20/2020	16.18	5302.58	5286.40
MW-05	12/9/2021	16.99	5302.58	5285.59
MW-05	3/28/2022	17.54	5302.58	5285.04
MW-05	2/20/2023	16.90	5302.58	5285.68
MW-05	4/24/2023	17.07	5302.58	5285.51
MW-05	7/13/2023	14.48	5302.58	5288.10
MW-05	10/17/2023	14.82	5302.58	5287.76
MW-06	10/15/2005	15.20	5303.23	5288.03
MW-06	3/22/2006	17.06	5303.23	5286.17
MW-06	6/28/2006	16.13	5303.23	5287.10
MW-06	10/12/2006	15.47	5303.23	5287.76
MW-06	1/20/2007	15.19	5303.23	5288.04
MW-06	4/20/2007	14.22	5303.23	5289.01
MW-06	7/14/2007	13.74	5303.23	5289.49
MW-06	6/13/2008	14.80	5303.23	5288.43
MW-06	10/3/2008	14.95	5303.23	5288.28
MW-06	3/31/2009	16.64	5303.23	5286.59
MW-06	6/30/2009	15.70	5303.23	5287.53
MW-06	10/14/2009	14.72	5303.23	5288.51
MW-06	12/15/2009	15.02	5303.23	5288.21
MW-06	3/31/2010	16.33	5303.23	5286.90
MW-06	8/17/2011	13.98	5303.23	5289.25
MW-06	3/30/2012	15.58	5303.23	5287.65

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-06	6/14/2012	14.86	5303.23	5288.37
MW-06	9/13/2012	15.31	5303.23	5287.92
MW-06	3/19/2013	17.22	5303.23	5286.01
MW-06	10/24/2013	16.27	5303.23	5286.96
MW-06	4/22/2014	16.42	5303.23	5286.81
MW-06	10/20/2014	15.53	5303.23	5287.70
MW-06	2/9/2015	16.66	5303.23	5286.57
MW-06	10/7/2015	14.90	5303.23	5288.33
MW-06	4/13/2016	14.93	5303.23	5288.30
MW-06	10/13/2016	15.43	5303.23	5287.80
MW-06	4/11/2017	16.84	5303.23	5286.39
MW-06	10/24/2017	14.90	5303.23	5288.33
MW-06	5/22/2018	14.89	5303.23	5288.34
MW-06	10/11/2018	14.94	5303.23	5288.29
MW-06	4/5/2019	16.01	5303.23	5287.22
MW-06	5/14/2019	15.87	5303.23	5287.36
MW-06	10/7/2019	15.40	5303.23	5287.83
MW-06	4/6/2020	16.33	5303.23	5286.90
MW-06	10/20/2020	15.61	5303.23	5287.62
MW-06	12/13/2021	15.92	5303.23	5287.31
MW-06	3/28/2022	16.07	5303.23	5287.16
MW-06	1/26/2023	15.78	5303.23	5287.45
MW-06	4/25/2023	15.70	5303.23	5287.53
MW-06	7/13/2023	13.32	5303.23	5289.91
MW-06	10/17/2023	14.42	5303.23	5288.81
MW-08	10/15/2005	13.97	5298.95	5284.98
MW-08	3/22/2006	11.70	5298.95	5287.25
MW-08	6/28/2006	10.97	5298.95	5287.98
MW-08	10/12/2006	10.57	5298.95	5288.38
MW-08	1/20/2007	10.35	5298.95	5288.60
MW-08	4/20/2007	9.77	5298.95	5289.18
MW-08	7/14/2007	9.02	5298.95	5289.93
MW-08	6/13/2008	9.35	5298.95	5289.60
MW-08	10/3/2008	9.18	5298.95	5289.77
MW-08	3/31/2009	11.63	5298.95	5287.32
MW-08	6/30/2009	9.52	5298.95	5289.43
MW-08	10/14/2009	10.03	5298.95	5288.92
MW-08	12/15/2009	10.02	5298.95	5288.93
MW-08	3/31/2010	10.38	5298.95	5288.57
MW-08	8/17/2011	9.37	5298.95	5289.58
MW-08	3/30/2012	10.58	5298.95	5288.37
MW-08	6/14/2012	9.65	5298.95	5289.30
MW-08	9/13/2012	9.39	5298.95	5289.56
MW-08	12/13/2012	10.98	5298.95	5287.97
MW-08	3/19/2013	12.19	5298.95	5286.76

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-08	10/24/2013	9.17	5298.95	5289.78
MW-08	4/22/2014	10.56	5298.95	5288.39
MW-08	10/20/2014	9.49	5298.95	5289.46
MW-08	2/9/2015	11.20	5298.95	5287.75
MW-08	10/7/2015	9.55	5298.95	5289.40
MW-08	4/13/2016	9.68	5298.95	5289.27
MW-08	10/13/2016	9.91	5298.95	5289.04
MW-08	12/6/2021	10.10	5298.95	5288.85
MW-08	4/11/2017	11.31	5298.95	5287.64
MW-08	10/24/2017	9.83	5298.95	5289.12
MW-08	5/22/2018	10.06	5298.95	5288.89
MW-08	10/11/2018	9.99	5298.95	5288.96
MW-08	4/5/2019	10.89	5298.95	5288.06
MW-08	5/14/2019	10.85	5298.95	5288.10
MW-08	10/7/2019	10.12	5298.95	5288.83
MW-08	4/6/2020	10.58	5298.95	5288.37
MW-08	10/20/2020	10.30	5298.95	5288.65
MW-08	12/6/2021	10.10	5298.95	5288.85
MW-08	3/22/2022	10.85	5298.95	5288.10
MW-08	1/24/2023	10.79	5298.95	2588.16
MW-08	4/24/2023	10.41	5298.95	5288.54
MW-08	7/12/2023	8.53	5298.95	5290.42
MW-08	10/16/2023	9.04	5298.95	5289.91
MW-09	3/22/2006	16.80	5302.62	5285.82
MW-09	6/28/2006	15.39	5302.62	5287.23
MW-09	10/12/2006	15.80	5302.62	5286.82
MW-09	1/20/2007	15.25	5302.62	5287.37
MW-09	4/20/2007	14.97	5302.62	5287.65
MW-09	7/14/2007	14.66	5302.62	5287.96
MW-09	6/13/2008	15.58	5302.62	5287.04
MW-09	10/3/2008	14.48	5302.62	5288.14
MW-09	3/31/2009	16.68	5302.62	5285.94
MW-09	6/30/2009	13.74	5302.62	5288.88
MW-09	10/14/2009	15.31	5302.62	5287.31
MW-09	12/15/2009	15.69	5302.62	5286.93
MW-09	3/31/2010	16.10	5302.62	5286.52
MW-09	3/30/2012	15.98	5302.62	5286.64
MW-09	6/14/2012	15.38	5302.62	5287.24
MW-09	9/13/2012	15.93	5302.62	5286.69
MW-09	12/13/2012	16.69	5302.62	5285.93
MW-09	3/19/2013	16.72	5302.62	5285.90
MW-09	10/24/2013	15.00	5302.62	5287.62
MW-09	4/22/2014	16.11	5302.62	5286.51
MW-09	10/20/2014	15.37	5302.62	5287.25
MW-09	2/9/2015	16.66	5302.62	5285.96

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-09	10/7/2015	15.46	5302.62	5287.16
MW-09	4/13/2016	15.22	5302.62	5287.40
MW-09	10/13/2016	15.84	5302.62	5286.78
MW-09	4/11/2017	16.46	5302.62	5286.16
MW-09	10/24/2017	15.19	5302.62	5287.43
MW-09	5/22/2018	14.84	5302.62	5287.78
MW-09	10/11/2018	14.91	5302.62	5287.71
MW-09	4/5/2019	16.04	5302.62	5286.58
MW-09	5/14/2019	15.98	5302.62	5286.64
MW-09	10/7/2019	15.75	5302.62	5286.87
MW-09	4/6/2020	15.98	5302.62	5286.64
MW-09	10/20/2020	15.90	5302.62	5286.72
MW-09	12/9/2021	15.96	5302.62	5286.66
MW-09	3/28/2022	16.15	5302.62	5286.47
MW-09	1/26/2023	16.04	5302.62	5286.58
MW-09	4/25/2023	15.86	5302.62	5286.76
MW-09	7/13/2023	13.78	5302.62	5288.84
MW-09	10/17/2023	15.04	5302.62	5287.58
MW-10	3/22/2006	13.74	5301.73	5287.99
MW-10	6/28/2006	11.93	5301.73	5289.80
MW-10	10/12/2006	11.85	5301.73	5289.88
MW-10	1/20/2007	12.98	5301.73	5288.75
MW-10	4/20/2007	11.82	5301.73	5289.91
MW-10	7/14/2007	10.46	5301.73	5291.27
MW-10	6/13/2008	11.23	5301.73	5290.50
MW-10	10/3/2008	12.82	5301.73	5288.91
MW-10	3/31/2009	13.59	5301.73	5288.14
MW-10	6/30/2009	11.07	5301.73	5290.66
MW-10	10/14/2009	11.49	5301.73	5290.24
MW-10	12/15/2009	11.34	5301.73	5290.39
MW-10	3/31/2010	12.47	5301.73	5289.26
MW-10	8/17/2011	10.98	5301.73	5290.75
MW-10	3/30/2012	10.98	5301.73	5290.75
MW-10	6/14/2012	11.12	5301.73	5290.61
MW-10	9/13/2012	11.50	5301.73	5290.23
MW-10	12/13/2012	12.25	5301.73	5289.48
MW-10	10/24/2013	10.68	5301.73	5291.05
MW-10	4/22/2014	11.37	5301.73	5290.36
MW-10	10/20/2014	10.41	5301.73	5291.32
MW-10	2/9/2015	12.12	5301.73	5289.61
MW-10	10/7/2015	10.83	5301.73	5290.90
MW-10	4/13/2016	11.73	5301.73	5290.00
MW-10	10/13/2016	10.94	5301.73	5290.79
MW-10	4/11/2017	12.73	5301.73	5289.00
MW-10	10/24/2017	10.95	5301.73	5290.78

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-10	5/22/2018	11.93	5301.73	5289.80
MW-10	10/11/2018	11.06	5301.73	5290.67
MW-10	4/5/2019	12.22	5301.73	5289.51
MW-10	5/14/2019	12.09	5301.73	5289.64
MW-10	10/7/2019	11.97	5301.73	5289.76
MW-10	4/6/2020	10.98	5301.73	5290.75
MW-10	10/20/2020	11.76	5301.73	5289.97
MW-10	12/6/2021	11.38	5301.73	5290.35
MW-10	3/22/2022	12.37	5301.73	5289.36
MW-10	1/23/2023	11.94	5301.73	5289.79
MW-10	4/24/2023	11.53	5301.73	5290.20
MW-10	7/12/2023	11.49	5301.73	5290.24
MW-10	10/16/2023	10.31	5301.73	5291.42
MW-11	3/22/2006	15.76	5303.25	5287.49
MW-11	6/28/2006	13.97	5303.25	5289.28
MW-11	10/12/2006	14.07	5303.25	5289.18
MW-11	1/20/2007	13.88	5303.25	5289.37
MW-11	4/20/2007	12.95	5303.25	5290.30
MW-11	7/14/2007	12.58	5303.25	5290.67
MW-11	6/13/2008	13.48	5303.25	5289.77
MW-11	10/3/2008	12.72	5303.25	5290.53
MW-11	3/31/2009	15.18	5303.25	5288.07
MW-11	6/30/2009	12.42	5303.25	5290.83
MW-11	10/14/2009	13.39	5303.25	5289.86
MW-11	12/15/2009	13.71	5303.25	5289.54
MW-11	3/31/2010	14.01	5303.25	5289.24
MW-11	8/17/2011	12.45	5303.25	5290.80
MW-11	3/30/2012	13.98	5303.25	5289.27
MW-11	6/14/2012	13.22	5303.25	5290.03
MW-11	9/13/2012	13.70	5303.25	5289.55
MW-11	12/13/2012	14.99	5303.25	5288.26
MW-11	3/19/2013	15.64	5303.25	5287.61
MW-11	10/24/2013	12.78	5303.25	5290.47
MW-11	4/22/2014	13.74	5303.25	5289.51
MW-11	10/20/2014	12.87	5303.25	5290.38
MW-11	2/9/2015	14.61	5303.25	5288.64
MW-11	10/7/2015	12.71	5303.25	5290.54
MW-11	4/13/2016	14.26	5303.25	5288.99
MW-11	10/13/2016	13.41	5303.25	5289.84
MW-11	4/11/2017	14.74	5303.25	5288.51
MW-11	10/24/2017	12.91	5303.25	5290.34
MW-11	5/22/2018	12.90	5303.25	5290.35
MW-11	10/11/2018	13.02	5303.25	5290.23
MW-11	4/5/2019	14.10	5303.25	5289.15
MW-11	5/14/2019	14.01	5303.25	5289.24

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-11	10/7/2019	13.45	5303.25	5289.80
MW-11	4/6/2020	13.98	5303.25	5289.27
MW-11	10/20/2020	13.53	5303.25	5289.72
MW-11	12/13/2021	14.02	5303.25	5289.23
MW-11	3/28/2022	14.00	5303.25	5289.25
MW-11	1/26/2023	13.78	5303.25	5298.47
MW-11	4/25/2023	13.38	5303.25	5289.87
MW-11	7/14/2023	11.59	5303.25	5291.66
MW-11	10/17/2023	12.41	5303.25	5290.84
MW-12R	3/22/2006	15.92	5303.55	5287.63
MW-12R	6/28/2006	14.20	5303.55	5289.35
MW-12R	10/12/2006	14.39	5303.55	5289.16
MW-12R	1/20/2007	14.89	5303.55	5288.66
MW-12R	4/20/2007	14.00	5303.55	5289.55
MW-12R	7/14/2007	12.77	5303.55	5290.78
MW-12R	6/13/2008	13.83	5303.55	5289.72
MW-12R	10/3/2008	12.91	5303.55	5290.64
MW-12R	3/31/2009	15.63	5303.55	5287.92
MW-12R	6/30/2009	13.99	5303.55	5289.56
MW-12R	10/14/2009	13.61	5303.55	5289.94
MW-12R	12/15/2009	13.81	5303.55	5289.74
MW-12R	3/31/2010	14.21	5303.55	5289.34
MW-12R	8/17/2011	12.67	5303.55	5290.88
MW-12R	3/30/2012	14.28	5303.55	5289.27
MW-12R	6/14/2012	13.49	5303.55	5290.06
MW-12R	9/13/2012	14.06	5303.55	5289.49
MW-12R	12/13/2012	14.79	5303.55	5288.76
MW-12R	3/19/2013	16.32	5303.55	5287.23
MW-12R	10/24/2013	13.27	5303.55	5290.28
MW-12R	4/22/2014	13.72	5303.55	5289.83
MW-12R	10/20/2014	12.64	5303.55	5290.91
MW-12R	2/9/2015	14.39	5303.55	5289.16
MW-12R	10/7/2015	12.92	5303.55	5290.63
MW-12R	4/13/2016	13.31	5303.55	5290.24
MW-12R	10/13/2016	13.35	5303.55	5290.20
MW-12R	4/11/2017	14.73	5303.55	5288.82
MW-12R	10/24/2017	12.76	5303.55	5290.79
MW-12R	5/22/2018	12.52	5303.55	5291.03
MW-12R	10/11/2018	12.61	5303.55	5290.94
MW-12R	4/5/2019	13.95	5303.55	5289.60
MW-12R	5/14/2019	13.86	5303.55	5289.69
MW-12R	10/7/2019	13.51	5303.55	5290.04
MW-12R	4/6/2020	14.28	5303.55	5289.27
MW-12R	10/20/2020	13.97	5303.55	5289.58
MW-12R	12/13/2021	13.92	5303.55	5289.63

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-12R	3/28/2022	13.53	5303.55	5290.02
MW-12R	1/26/2023	13.36	5303.55	5290.19
MW-12R	4/25/2023	14.32	5303.55	5289.23
MW-12R	7/13/2023	10.94	5303.55	5292.61
MW-12R	10/17/2023	12.24	5303.55	5291.31
MW-13	3/22/2006	19.47	5301.02	5281.55
MW-13	6/28/2006	17.73	5301.02	5283.29
MW-13	10/12/2006	16.98	5301.02	5284.04
MW-13	1/20/2007	16.80	5301.02	5284.22
MW-13	4/20/2007	16.75	5301.02	5284.27
MW-13	7/14/2007	15.81	5301.02	5285.21
MW-13	6/13/2008	16.54	5301.02	5284.48
MW-13	10/3/2008	15.31	5301.02	5285.71
MW-13	3/31/2009	19.34	5301.02	5281.68
MW-13	6/30/2009	15.50	5301.02	5285.52
MW-13	10/14/2009	15.74	5301.02	5285.28
MW-13	12/15/2009	16.39	5301.02	5284.63
MW-13	3/31/2010	17.23	5301.02	5283.79
MW-13	8/17/2011	15.79	5301.02	5285.23
MW-13	3/30/2012	17.60	5301.02	5283.42
MW-13	6/14/2012	16.89	5301.02	5284.13
MW-13	9/13/2012	16.95	5301.02	5284.07
MW-13	12/13/2012	18.74	5301.02	5282.28
MW-13	3/19/2013	19.12	5301.02	5281.90
MW-13	10/24/2013	16.29	5301.02	5284.73
MW-13	4/22/2014	18.16	5301.02	5282.86
MW-13	10/20/2014	16.52	5301.02	5284.50
MW-13	2/9/2015	18.80	5301.02	5282.22
MW-13	10/7/2015	16.84	5301.02	5284.18
MW-13	4/13/2016	16.66	5301.02	5284.36
MW-13	10/13/2016	17.55	5301.02	5283.47
MW-13	4/11/2017	18.88	5301.02	5282.14
MW-13	10/24/2017	16.95	5301.02	5284.07
MW-13	5/22/2018	17.10	5301.02	5283.92
MW-13	10/11/2018	16.69	5301.02	5284.33
MW-13	4/5/2019	17.55	5301.02	5283.47
MW-13	5/14/2019	17.51	5301.02	5283.51
MW-13	10/7/2019	17.41	5301.02	5283.61
MW-13	4/6/2020	17.60	5301.02	5283.42
MW-13	10/20/2020	17.38	5301.02	5283.64
MW-13	7/22/2021	15.84	5301.02	5285.18
MW-13	8/23/2021	16.24	5301.02	5284.78
MW-13	10/7/2021	16.98	5301.02	5284.04
MW-13	11/10/2021	17.77	5301.02	5283.25
MW-13	12/8/2021	18.41	5301.02	5282.61

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-13	3/25/2022	18.77	5301.02	5282.25
MW-13	1/26/2023	18.44	5301.02	5282.58
MW-13	4/25/2023	18.42	5301.02	5282.60
MW-13	8/25/2023	16.46	5301.02	5284.56
MW-13	7/14/2023	16.04	5301.02	5284.98
MW-13	10/17/2023	17.25	5301.02	5283.77
MW-14	3/22/2006	18.81	5300.31	5281.50
MW-14	6/28/2006	17.35	5300.31	5282.96
MW-14	10/12/2006	16.76	5300.31	5283.55
MW-14	1/20/2007	16.51	5300.31	5283.80
MW-14	4/20/2007	16.84	5300.31	5283.47
MW-14	7/14/2007	16.30	5300.31	5284.01
MW-14	6/13/2008	16.68	5300.31	5283.63
MW-14	10/3/2008	15.52	5300.31	5284.79
MW-14	3/31/2009	17.23	5300.31	5283.08
MW-14	6/30/2009	14.83	5300.31	5285.48
MW-14	10/14/2009	16.55	5300.31	5283.76
MW-14	12/15/2009	17.00	5300.31	5283.31
MW-14	3/31/2010	16.99	5300.31	5283.32
MW-14	8/17/2011	16.05	5300.31	5284.26
MW-14	3/30/2012	17.28	5300.31	5283.03
MW-14	6/14/2012	17.01	5300.31	5283.30
MW-14	9/13/2012	16.82	5300.31	5283.49
MW-14	12/13/2012	18.69	5300.31	5281.62
MW-14	3/19/2013	18.86	5300.31	5281.45
MW-14	10/24/2013	16.40	5300.31	5283.91
MW-14	4/22/2014	18.05	5300.31	5282.26
MW-14	10/20/2014	16.98	5300.31	5283.33
MW-14	2/9/2015	18.40	5300.31	5281.91
MW-14	10/7/2015	17.47	5300.31	5282.84
MW-14	4/13/2016	16.73	5300.31	5283.58
MW-14	10/13/2016	17.94	5300.31	5282.37
MW-14	4/11/2017	18.82	5300.31	5281.49
MW-14	10/24/2017	17.25	5300.31	5283.06
MW-14	5/22/2018	17.70	5300.31	5282.61
MW-14	10/11/2018	17.13	5300.31	5283.18
MW-14	4/5/2019	18.06	5300.31	5282.25
MW-14	5/14/2019	18.05	5300.31	5282.26
MW-14	10/7/2019	18.09	5300.31	5282.22
MW-14	4/6/2020	17.28	5300.31	5283.03
MW-14	10/20/2020	17.82	5300.31	5282.49
MW-14	7/22/2021	16.51	5300.31	5283.80
MW-14	8/23/2021	16.65	5300.31	5283.66
MW-14	10/7/2021	17.46	5300.31	5282.85
MW-14	12/8/2021	18.82	5300.31	5281.49

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-14	3/28/2022	18.72	5300.31	5281.59
MW-14	1/26/2023	18.41	5300.31	5281.90
MW-14	4/25/2023	18.53	5300.31	5281.78
MW-14	7/13/2023	16.14	5300.31	5284.17
MW-14	10/17/2023	17.50	5300.31	5282.81
MW-15	6/28/2006	19.46	5300.16	5280.70
MW-15	10/12/2006	18.20	5300.16	5281.96
MW-15	1/20/2007	17.14	5300.16	5283.02
MW-15	4/20/2007	17.43	5300.16	5282.73
MW-15	7/14/2007	17.22	5300.16	5282.94
MW-15	6/13/2008	18.37	5300.16	5281.79
MW-15	10/3/2008	16.81	5300.16	5283.35
MW-15	3/31/2009	19.82	5300.16	5280.34
MW-15	6/30/2009	15.74	5300.16	5284.42
MW-15	10/14/2009	17.87	5300.16	5282.29
MW-15	12/15/2009	18.24	5300.16	5281.92
MW-15	3/31/2010	18.05	5300.16	5282.11
MW-15	8/17/2011	17.08	5300.16	5283.08
MW-15	3/30/2012	19.01	5300.16	5281.15
MW-15	6/14/2012	18.30	5300.16	5281.86
MW-15	9/13/2012	18.44	5300.16	5281.72
MW-15	12/13/2012	19.75	5300.16	5280.41
MW-15	3/19/2013	20.39	5300.16	5279.77
MW-15	10/24/2013	17.03	5300.16	5283.13
MW-15	4/22/2014	19.01	5300.16	5281.15
MW-15	10/20/2014	18.10	5300.16	5282.06
MW-15	2/9/2015	19.60	5300.16	5280.56
MW-15	10/7/2015	18.58	5300.16	5281.58
MW-15	4/13/2016	17.47	5300.16	5282.69
MW-15	10/13/2016	19.16	5300.16	5281.00
MW-15	4/11/2017	20.37	5300.16	5279.79
MW-15	10/24/2017	18.46	5300.16	5281.70
MW-15	5/22/2018	18.82	5300.16	5281.34
MW-15	10/11/2018	18.78	5300.16	5281.38
MW-15	4/5/2019	19.23	5300.16	5280.93
MW-15	5/14/2019	19.25	5300.16	5280.91
MW-15	10/7/2019	19.31	5300.16	5280.85
MW-15	4/6/2020	19.01	5300.16	5281.15
MW-15	10/20/2020	18.87	5300.16	5281.29
MW-15	7/22/2021	16.87	5300.16	5283.29
MW-15	8/23/2021	17.16	5300.16	5283.00
MW-15	10/7/2021	18.07	5300.16	5282.09
MW-15	12/8/2021	19.28	5300.16	5280.88
MW-15	3/28/2022	19.48	5300.16	5280.68
MW-15	1/26/2023	19.31	5300.16	5280.85

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-15	4/25/2023	19.31	5300.16	5280.85
MW-15	7/13/2023	16.57	5300.16	5283.59
MW-15	10/17/2023	18.16	5300.16	5282.00
MW-16	6/28/2006	17.55	5300.28	5282.73
MW-16	10/12/2006	16.83	5300.28	5283.45
MW-16	1/20/2007	16.98	5300.28	5283.30
MW-16	4/20/2007	15.54	5300.28	5284.74
MW-16	7/14/2007	15.77	5300.28	5284.51
MW-16	6/13/2008	17.09	5300.28	5283.19
MW-16	10/3/2008	14.96	5300.28	5285.32
MW-16	3/31/2009	17.51	5300.28	5282.77
MW-16	6/30/2009	14.83	5300.28	5285.45
MW-16	10/14/2009	15.56	5300.28	5284.72
MW-16	12/15/2009	16.49	5300.28	5283.79
MW-16	3/31/2010	16.45	5300.28	5283.83
MW-16	8/17/2011	15.81	5300.28	5284.47
MW-16	3/30/2012	17.28	5300.28	5283.00
MW-16	6/14/2012	16.47	5300.28	5283.81
MW-16	9/13/2012	16.57	5300.28	5283.71
MW-16	12/13/2012	18.70	5300.28	5281.58
MW-16	3/19/2013	18.45	5300.28	5281.83
MW-16	10/24/2013	15.83	5300.28	5284.45
MW-16	4/22/2014	17.31	5300.28	5282.97
MW-16	10/20/2014	16.51	5300.28	5283.77
MW-16	2/9/2015	17.85	5300.28	5282.43
MW-16	10/7/2015	16.45	5300.28	5283.83
MW-16	4/13/2016	15.92	5300.28	5284.36
MW-16	10/13/2016	17.30	5300.28	5282.98
MW-16	4/11/2017	18.52	5300.28	5281.76
MW-16	10/24/2017	17.12	5300.28	5283.16
MW-16	5/22/2018	17.48	5300.28	5282.80
MW-16	10/11/2018	17.40	5300.28	5282.88
MW-16	4/5/2019	17.80	5300.28	5282.48
MW-16	5/14/2019	17.81	5300.28	5282.47
MW-16	10/7/2019	17.58	5300.28	5282.70
MW-16	4/6/2020	17.28	5300.28	5283.00
MW-16	10/20/2020	17.04	5300.28	5283.24
MW-16	12/8/2021	15.42	5300.28	5284.86
MW-16	3/22/2022	17.78	5300.28	5282.50
MW-16	1/24/2023	18.17	5300.28	5282.11
MW-16	4/25/2023	19.97	5300.28	5280.31
MW-16	7/13/2023	15.79	5300.28	5284.49
MW-16	10/17/2023	16.59	5300.28	5283.69
MW-17	6/28/2006	10.73	5303.10	5292.37
MW-17	10/12/2006	11.05	5303.10	5292.05

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-17	1/20/2007	13.13	5303.10	5289.97
MW-17	4/20/2007	11.06	5303.10	5292.04
MW-17	7/14/2007	10.77	5303.10	5292.33
MW-17	6/13/2008	11.00	5303.10	5292.10
MW-17	10/3/2008	11.06	5303.10	5292.04
MW-17	3/31/2009	14.38	5303.10	5288.72
MW-17	6/30/2009	11.28	5303.10	5291.82
MW-17	10/14/2009	11.41	5303.10	5291.69
MW-17	12/15/2009	12.67	5303.10	5290.43
MW-17	3/31/2010	12.70	5303.10	5290.40
MW-17	8/17/2011	10.56	5303.10	5292.54
MW-17	3/30/2012	12.30	5303.10	5290.80
MW-17	6/14/2012	11.92	5303.10	5291.18
MW-17	9/13/2012	12.41	5303.10	5290.69
MW-17	12/13/2012	12.71	5303.10	5290.39
MW-17	3/19/2013	12.73	5303.10	5290.37
MW-17	10/24/2013	11.59	5303.10	5291.51
MW-17	4/22/2014	13.05	5303.10	5290.05
MW-17	10/20/2014	10.92	5303.10	5292.18
MW-17	2/9/2015	13.20	5303.10	5289.90
MW-17	10/7/2015	11.71	5303.10	5291.39
MW-17	4/13/2016	11.39	5303.10	5291.71
MW-17	10/13/2016	11.53	5303.10	5291.57
MW-17	4/11/2017	11.39	5303.10	5291.71
MW-17	10/24/2017	10.93	5303.10	5292.17
MW-17	5/22/2018	10.80	5303.10	5292.30
MW-17	10/11/2018	10.20	5303.10	5292.90
MW-17	4/5/2019	12.43	5303.10	5290.67
MW-17	5/14/2019	12.35	5303.10	5290.75
MW-17	10/7/2019	12.13	5303.10	5290.97
MW-17	4/6/2020	12.30	5303.10	5290.80
MW-17	10/20/2020	12.56	5303.10	5290.54
MW-17	12/9/2021	13.82	5303.10	5289.28
MW-17	3/28/2022	14.71	5303.10	5288.39
MW-17	1/23/2023	13.91	5303.10	5289.19
MW-17	4/24/2023	13.91	5303.10	5289.19
MW-17	7/12/2023	12.94	5303.10	5290.16
MW-17	10/16/2023	11.96	5303.10	5291.14
MW-18	8/17/2011	15.08	5292.40	5277.32
MW-18	3/30/2012	16.56	5292.40	5275.84
MW-18	6/14/2012	16.28	5292.40	5276.12
MW-18	9/13/2012	12.20	5292.40	5280.20
MW-18	12/13/2012	17.17	5292.40	5275.23
MW-18	3/19/2013	17.17	5292.40	5275.23
MW-18	10/24/2013	14.86	5292.40	5277.54

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-18	4/22/2014	16.25	5292.40	5276.15
MW-18	10/20/2014	15.89	5292.40	5276.51
MW-18	2/9/2015	17.06	5292.40	5275.34
MW-18	10/7/2015	16.12	5292.40	5276.28
MW-18	4/13/2016	14.68	5292.40	5277.72
MW-18	10/13/2016	16.65	5292.40	5275.75
MW-18	4/11/2017	17.32	5292.40	5275.08
MW-18	10/24/2017	15.97	5292.40	5276.43
MW-18	5/22/2018	15.81	5292.40	5276.59
MW-18	10/11/2018	16.65	5292.40	5275.75
MW-18	4/5/2019	16.51	5292.40	5275.89
MW-18	5/14/2019	16.50	5292.40	5275.90
MW-18	10/7/2019	19.94	5292.40	5272.46
MW-18	4/6/2020	16.56	5292.40	5275.84
MW-18	10/20/2020	16.85	5292.40	5275.55
MW-18	7/19/2021	14.17	5292.40	5278.23
MW-18	12/8/2021	16.60	5292.40	5275.80
MW-18	3/23/2022	16.51	5292.40	5275.89
MW-18	4/24/2023	16.48	5292.40	5275.92
MW-18	7/12/2023	13.28	5292.40	5279.12
MW-18	10/16/2023	15.87	5292.40	5276.53
MW-19	8/17/2011	9.99	5284.28	5274.29
MW-19	3/30/2012	11.28	5284.28	5273.00
MW-19	6/14/2012	11.28	5284.28	5273.00
MW-19	9/13/2012	10.80	5284.28	5273.48
MW-19	12/13/2012	12.26	5284.28	5272.02
MW-19	3/19/2013	13.06	5284.28	5271.22
MW-19	10/24/2013	10.35	5284.28	5273.93
MW-19	4/22/2014	11.73	5284.28	5272.55
MW-19	10/20/2014	9.37	5284.28	5274.91
MW-19	2/9/2015	12.24	5284.28	5272.04
MW-19	10/13/2016	11.11	5284.28	5273.17
MW-19	4/11/2017	12.60	5284.28	5271.68
MW-19	10/24/2017	10.63	5284.28	5273.65
MW-19	5/22/2018	11.18	5284.28	5273.10
MW-19	10/11/2018	10.43	5284.28	5273.85
MW-19	4/5/2019	11.40	5284.28	5272.88
MW-19	5/14/2019	22.34	5284.28	5261.94
MW-19	10/7/2019	11.40	5284.28	5272.88
MW-19	4/6/2020	11.28	5284.28	5273.00
MW-19	10/20/2020	10.19	5284.28	5274.09
MW-19	7/19/2021	9.99	5284.28	5274.29
MW-19	12/8/2021	11.88	5284.28	5272.40
MW-19	3/24/2022	12.25	5284.28	5272.03
MW-19	4/24/2023	12.01	5284.28	5272.27

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-19	7/12/2023	10.03	5284.28	5274.25
MW-19	10/16/2023	12.08	5284.28	5272.20
MW-20	8/17/2011	9.52	5291.48	5281.96
MW-20	3/30/2012	12.33	5291.48	5279.15
MW-20	6/14/2012	11.84	5291.48	5279.64
MW-20	9/13/2012	11.08	5291.48	5280.40
MW-20	12/13/2012	13.34	5291.48	5278.14
MW-20	3/19/2013	14.22	5291.48	5277.26
MW-20	10/24/2013	10.05	5291.48	5281.43
MW-20	4/22/2014	13.28	5291.48	5278.20
MW-20	10/20/2014	10.96	5291.48	5280.52
MW-20	2/9/2015	13.59	5291.48	5277.89
MW-20	10/7/2015	11.15	5291.48	5280.33
MW-20	4/13/2016	11.58	5291.48	5279.90
MW-20	10/13/2016	12.29	5291.48	5279.19
MW-20	4/11/2017	14.01	5291.48	5277.47
MW-20	10/24/2017	11.14	5291.48	5280.34
MW-20	5/22/2018	12.83	5291.48	5278.65
MW-20	10/11/2018	10.74	5291.48	5280.74
MW-20	4/5/2019	13.02	5291.48	5278.46
MW-20	5/14/2019	12.99	5291.48	5278.49
MW-20	10/7/2019	11.95	5291.48	5279.53
MW-20	4/6/2020	12.33	5291.48	5279.15
MW-20	10/20/2020	10.89	5291.48	5280.59
MW-20	7/19/2021	10.16	5291.48	5281.32
MW-20	12/8/2021	13.62	5291.48	5277.86
MW-20	3/25/2022	14.26	5291.48	5277.22
MW-20	4/24/2023	14.07	5291.48	5277.22
MW-20	7/12/2023	11.25	5291.48	5280.23
MW-20	10/16/2023	14.18	5291.48	5277.30
MW-21	8/17/2011	11.92	5267.91	5255.99
MW-21	3/30/2012	7.16	5267.91	5260.75
MW-21	6/14/2012	7.29	5267.91	5260.62
MW-21	9/13/2012	6.37	5267.91	5261.54
MW-21	12/13/2012	6.85	5267.91	5261.06
MW-21	3/19/2013	7.88	5267.91	5260.03
MW-21	10/24/2013	7.16	5267.91	5260.75
MW-21	4/22/2014	6.51	5267.91	5261.40
MW-21	10/20/2014	7.60	5267.91	5260.31
MW-21	2/9/2015	7.12	5267.91	5260.79
MW-21	10/7/2015	5.69	5267.91	5262.22
MW-21	4/13/2016	6.55	5267.91	5261.36
MW-21	10/13/2016	6.57	5267.91	5261.34
MW-21	4/11/2017	8.60	5267.91	5259.31
MW-21	10/24/2017	6.35	5267.91	5261.56

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-21	5/22/2018	7.17	5267.91	5260.74
MW-21	10/11/2018	5.91	5267.91	5262.00
MW-21	4/5/2019	7.85	5267.91	5260.06
MW-21	5/14/2019	11.73	5267.91	5256.18
MW-21	10/7/2019	6.89	5267.91	5261.02
MW-21	4/6/2020	7.16	5267.91	5260.75
MW-21	12/7/2021	8.47	5267.91	5259.44
MW-21	3/23/2022	5.43	5267.91	5262.48
MW-21	1/24/2023	7.02	5267.91	5260.89
MW-21	4/24/2023	7.52	5267.91	5260.39
MW-21	7/12/2023	7.44	5267.91	5260.47
MW-21	10/16/2023	7.06	5267.91	5260.85
MW-22	10/11/2018	15.18	5299.56	5284.38
MW-22	4/5/2019	16.22	5299.56	5283.34
MW-22	10/7/2019	16.22	5299.56	5283.34
MW-22	4/6/2020	15.87	5299.56	5283.69
MW-22	10/20/2020	15.98	5299.56	5283.58
MW-22	12/13/2021	17.96	5299.56	5281.60
MW-22	3/25/2022	18.08	5299.56	5281.48
MW-22	1/24/2023	17.87	5299.56	5281.69
MW-22	4/24/2023	17.90	5299.56	5281.66
MW-22	7/12/2023	14.77	5299.56	5284.79
MW-22	10/16/2023	16.18	5299.56	5283.38
MW-22D 30-35'	4/1/2019	15.27	5303.38	5288.11
MW-22D 30-35'	11/10/2021	14.36	5303.38	5289.02
MW-22D 30-35'	12/13/2021	14.37	5303.38	5289.01
MW-22D 30-35'	3/25/2022	14.97	5303.38	5288.41
MW-22D 30-35'	1/27/2023	14.56	5303.38	5288.82
MW-22D 30-35'	4/25/2023	14.46	5303.38	5288.92
MW-22D 30-35'	7/12/2023	9.01	5303.38	5294.37
MW-22D 30-35'	10/17/2023	13.19	5303.38	5290.19
MW-22D 35-40'	4/1/2019	15.52	5303.42	5287.90
MW-22D 35-40'	11/10/2021	13.47	5303.42	5289.95
MW-22D 35-40'	12/13/2021	14.04	5303.42	5289.38
MW-22D 35-40'	3/25/2022	15.42	5303.42	5288.00
MW-22D 35-40'	1/24/2023	14.43	5303.42	5288.99
MW-22D 35-40'	4/25/2023	14.81	5303.42	5288.61
MW-22D 35-40'	7/12/2023	13.12	5303.42	5290.30
MW-22D 35-40'	10/17/2023	12.72	5303.42	5290.70
MW-22D 41-46'	4/1/2019	15.75	5303.17	5287.42
MW-22D 41-46'	11/10/2021	14.32	5303.17	5288.85
MW-22D 41-46'	11/10/2021	15.08	5303.17	5288.09
MW-22D 41-46'	3/24/2022	17.59	5303.17	5285.58
MW-22D 41-46'	1/27/2023	17.34	5303.17	5285.83
MW-22D 41-46'	4/25/2023	17.42	5303.17	5285.75

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-22D 41-46'	7/12/2023	17.06	5303.17	5286.11
MW-22D 41-46'	10/17/2023	16.65	5303.17	5286.52
MW-22D 48-53'	4/1/2019	19.40	5303.15	5283.75
MW-22D 48-53'	11/10/2021	18.72	5303.15	5284.43
MW-22D 48-53'	12/13/2021	17.98	5303.15	5285.17
MW-22D 48-53'	3/25/2022	20.07	5303.15	5283.08
MW-22D 48-53'	1/24/2023	19.62	5303.15	5283.53
MW-22D 48-53'	4/25/2023	19.89	5303.15	5283.26
MW-22D 48-53'	7/12/2023	20.05	5303.15	5283.10
MW-22D 48-53'	10/17/2023	19.33	5303.15	5283.82
MW-22D 55-60'	4/1/2019	25.47	5303.27	5277.80
MW-22D 55-60'	11/10/2021	25.75	5303.27	5277.52
MW-22D 55-60'	12/13/2021	25.76	5303.27	5277.51
MW-22D 55-60'	3/24/2022	26.53	5303.27	5276.74
MW-22D 55-60'	4/25/2023	26.53	5303.27	5276.74
MW-22D 55-60'	7/12/2023	26.96	5303.27	5276.31
MW-22D 55-60'	10/17/2023	26.30	5303.27	5276.97
MW-22D 72.5-75'	4/1/2019	DRYb	5303.44	--
MW-22D 72.5-75'	11/10/2021	74.75	5303.44	5228.69
MW-22D 72.5-75'	12/13/2021	74.77	5303.44	5228.67
MW-22D 72.5-75'	3/24/2022	74.91	5303.44	5228.53
MW-22D 72.5-75'	4/24/2023	DRY	5303.44	--
MW-22D 72.5-75'	7/12/2023	74.97	5303.44	5228.47
MW-22D 72.5-75'	10/16/2023	DRY	5303.44	#VALUE!
MW-23	5/22/2018	19.78	5290.01	5270.23
MW-23	10/11/2018	15.74	5290.01	5274.27
MW-23	4/5/2019	16.76	5290.01	5273.25
MW-23	10/7/2019	16.01	5290.01	5274.00
MW-23	4/6/2020	16.50	5290.01	5273.51
MW-23	10/20/2020	16.26	5290.01	5273.75
MW-23	7/22/2021	14.47	5290.01	5275.54
MW-23	12/8/2021	16.60	5290.01	5273.41
MW-23	8/23/2021	14.18	5290.01	5275.83
MW-23	10/7/2021	15.67	5290.01	5274.34
MW-23	12/8/2021	16.60	5290.01	5273.41
MW-23	3/25/2022	17.45	5290.01	5272.56
MW-23	1/24/2023	17.21	5290.01	5272.80
MW-23	4/24/2023	17.04	5290.01	5272.97
MW-23	7/12/2023	14.36	5290.01	5275.65
MW-23	10/16/2023	16.03	5290.01	5273.98
MW-23D 31-33.5'	4/1/2019	NA	NA	NA
MW-23D 31-33.5'	11/10/2021	17.52	NA	NA
MW-23D 31-33.5'	12/9/2021	17.87	NA	NA
MW-23D 31-33.5'	3/24/2022	19.10	NA	NA
MW-23D 31-33.5'	1/24/2023	18.69	NA	NA

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-23D 31-33.5'	4/24/2023	18.66	NA	NA
MW-23D 31-33.5'	7/13/2023	16.81	NA	NA
MW-23D 31-33.5'	8/25/2023	16.81	NA	NA
MW-23D 31-33.5'	10/16/2023	17.35	NA	NA
MW-23D 47-52'	4/1/2019	NA	NA	NA
MW-23D 47-52'	11/10/2021	20.05	NA	NA
MW-23D 47-52'	12/9/2021	20.52	NA	NA
MW-23D 47-52'	3/24/2022	21.02	NA	NA
MW-23D 47-52'	1/24/2023	20.58	NA	NA
MW-23D 47-52'	4/24/2023	21.98	NA	NA
MW-23D 47-52'	7/13/2023	NA	NA	NA
MW-23D 47-52'	8/25/2023	NA	NA	NA
MW-23D 47-52'	10/16/2023	20.86	NA	NA
MW-23D 56.5-61.5'	4/1/2019	30.51	5301.16	5270.65
MW-23D 56.5-61.5'	11/10/2021	30.22	5301.16	5270.94
MW-23D 56.5-61.5'	3/24/2022	33.16	5301.16	5268.00
MW-23D 56.5-61.5'	1/24/2023	31.65	5301.16	5269.51
MW-23D 56.5-61.5'	4/24/2023	34.63	5301.16	5266.53
MW-23D 56.5-61.5'	7/13/2023	36.09	5301.16	5265.07
MW-23D 56.5-61.5'	8/25/2023	41.29	5301.16	5259.87
MW-23D 56.5-61.5'	10/16/2023	34.36	5301.16	5259.87
MW-23D 64-74'	4/1/2019	DRY	5301.12	--
MW-23D 64-74'	11/10/2021	DRY	5301.12	--
MW-23D 64-74'	12/9/2021	DRY	5301.12	--
MW-23D 64-74'	3/24/2022	NA	5301.12	--
MW-23D 64-74'	1/24/2023	Dry	5301.12	--
MW-23D 64-74'	4/24/2023	DRY	5301.12	--
MW-23D 64-74'	7/12/2023	74.62	5301.12	5226.50
MW-23D 64-74'	8/25/2023	74.64	5301.12	5226.48
MW-23D 64-74'	10/16/2023	DRY	5301.12	--
MW-24	5/22/2018	11.34	5283.66	5272.32
MW-24	10/11/2018	10.73	5283.66	5272.93
MW-24	4/5/2019	11.58	5283.66	5272.08
MW-24	10/7/2019	11.58	5283.66	5272.08
MW-24	4/6/2020	11.39	5283.66	5272.27
MW-24	10/20/2020	10.98	5283.66	5272.68
MW-24	12/8/2021	12.34	5283.66	5271.32
MW-24	3/23/2022	12.54	5283.66	5271.12
MW-24	4/24/2023	12.28	5283.66	5271.38
MW-24	7/12/2023	10.45	5283.66	5273.21
MW-24	10/16/2023	12.73	5283.66	5270.93
MW-25	5/22/2018	9.09	5280.03	5270.94
MW-25	10/11/2018	8.53	5280.03	5271.50
MW-25	4/5/2019	9.09	5280.03	5270.94
MW-25	5/14/2019	9.06	5280.03	5270.97

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-25	10/7/2019	9.28	5280.03	5270.75
MW-25	4/6/2020	9.14	5280.03	5270.89
MW-25	10/20/2020	8.92	5280.03	5271.11
MW-25	12/7/2021	10.01	5280.03	5270.02
MW-25	3/24/2022	9.93	5280.03	5270.10
MW-25	1/26/2023	9.62	5280.03	5270.41
MW-25	4/25/2023	9.97	5280.03	5270.06
MW-25	7/13/2023	8.27	5280.03	5271.76
MW-25	10/17/2023	9.11	5280.03	5270.92
MW-26D	5/14/2019	14.93	5284.75	5269.82
MW-26D	7/22/2021	13.05	5284.75	5271.70
MW-26D	8/23/2021	13.70	5284.75	5271.05
MW-26D	10/7/2021	13.94	5284.75	5270.81
MW-26D	12/8/2021	13.46	5284.75	5271.29
MW-26D	3/24/2022	13.78	5284.75	5270.97
MW-26D	1/24/2023	13.23	5284.75	5271.52
MW-26D	4/24/2023	13.69	5284.75	5271.06
MW-26D	7/13/2023	13.98	5284.75	5270.77
MW-26D	10/16/2023	13.24	5284.75	5271.51
MW-27	5/14/2019	10.97	5301.80	5290.83
MW-27	12/6/2021	11.17	5301.80	5290.63
MW-27	3/22/2022	11.39	5301.80	5290.41
MW-27	1/24/2023	10.91	5301.80	5290.89
MW-27	4/24/2023	10.23	5301.80	5291.57
MW-27	7/12/2023	8.81	5301.80	5292.99
MW-27	10/16/2023	9.92	5301.80	5291.88
MW-28	1/24/2023	11.86	5301.62	5289.76
MW-28	4/24/2023	11.31	5301.62	5290.31
MW-28	7/12/2023	9.41	5301.62	5292.21
MW-28	10/16/2023	10.59	5301.62	5291.03
MW-29	5/14/2019	8.35	5276.07	5267.72
MW-29	12/7/2021	9.34	5276.07	5266.73
MW-29	3/23/2022	8.80	5276.07	5267.27
MW-29	2/20/2023	8.83	5276.07	5267.24
MW-29	4/25/2023	9.13	5276.07	5266.94
MW-29	7/13/2023	7.64	5276.07	5268.43
MW-29	10/17/2023	8.47	5276.07	5267.60
MW-30	5/14/2019	7.44	5260.74	5253.30
MW-30	12/7/2021	8.99	5260.74	5251.75
MW-30	3/23/2022	8.10	5260.74	5252.64
MW-30	1/26/2023	8.14	5260.74	5252.60
MW-30	4/25/2023	10.16	5260.74	5250.58
MW-30	7/13/2023	10.09	5260.74	5250.65
MW-30	10/17/2023	10.35	5260.74	5250.39
MW-31	5/14/2019	8.46	5246.61	5238.15

Table 6. Historical groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-31	12/6/2021	10.35	5246.61	5236.26
MW-31	3/23/2022	8.35	5246.61	5238.26
MW-31	1/25/2023	8.11	5246.61	5238.50
MW-31	4/24/2023	8.66	5246.61	5237.95
MW-31	7/13/2023	7.40	5246.61	5239.21
MW-31	10/17/2023	10.27	5246.61	5236.34
MW-32	12/7/2021	8.90	5251.06	5242.16
MW-32	3/23/2022	7.69	5251.06	5243.37
MW-32	1/24/2023	7.41	5251.06	5243.65
MW-32	4/24/2023	7.43	5251.06	5243.63
MW-32	7/12/2023	6.28	5251.06	5244.78
MW-32	10/16/2023	8.32	5251.06	5242.74
MW-33	12/7/2021	10.08	5257.23	5247.15
MW-33	3/23/2022	9.70	5257.23	5247.53
MW-33	1/26/2023	9.71	5257.23	5247.52
MW-33	4/25/2023	9.54	5257.23	5247.69
MW-33	7/13/2023	8.55	5257.23	5248.68
MW-33	10/17/2023	9.91	5257.23	5247.32
MW-34	12/7/2021	11.89	5269.36	5257.47
MW-34	3/23/2022	11.44	5269.36	5257.92
MW-34	1/26/2023	11.54	5269.36	5257.82
MW-34	4/25/2023	10.91	5269.36	5258.45
MW-34	7/13/2023	8.89	5269.36	5260.47
MW-34	10/17/2023	11.28	5269.36	5258.08
MW-35	12/7/2021	10.23	5271.72	5261.49
MW-35	3/23/2022	9.61	5271.72	5262.11
MW-35	3/24/2022	9.51	5271.72	5262.21
MW-35	1/26/2023	9.62	5271.72	5262.10

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-01	12/6/2021	15.35	7.18	1,303	1.22	-55.9
MW-01	3/22/2022	15.4	7.00	5,308	1.30	-1.9
MW-01	1/23/2023	16.5	7.64	3,590	2.80	-71.0
MW-01	4/24/2023	17.6	7.73	3,679	5.17	85.0
MW-01	7/13/2023	18.2	7.42	3,740	1.90	136.1
MW-01	10/16/2023	18.3	7.67	20	9.55	26.0
MW-02	12/9/2021	17.34	7.23	6,061	1.4	121.0
MW-02	3/28/2022	18.1	7.14	6,529	3.43	147.5
MW-02	1/26/2023	17.4	7.24	6,157	0.54	114.0
MW-02	4/25/2023	17.2	7.12	5,978	0.25	135.9
MW-02	7/13/2023	18.2	7.28	6,269	1.06	53.6
MW-02	10/17/2023	18.2	7.39	6,159	0.80	-46.7
MW-03	12/8/2021	17.89	7.24	4,609	1.41	189.2
MW-03	3/22/2022	15.4	7.18	5,002	1.88	154.6
MW-03	1/24/2023	16.6	7.32	4,881	0.53	208.4
MW-03	4/24/2023	16.0	7.19	4,956	1.66	83.6
MW-03	7/13/2023	17.0	7.27	4,735	2.23	88.7
MW-03	10/16/2023	18.9	7.52	4,853	0.92	-3.0
MW-04	12/8/2021	17.35	7.6	1,050	0.8	149.1
MW-04	3/22/2022	14.6	7.17	414.6	3.47	160.7
MW-04	1/24/2023	15.1	7.44	346.0	1.70	205.7
MW-04	4/24/2023	15.3	7.46	918.0	1.68	64.8
MW-04	7/13/2023	16.6	7.57	1483.0	0.18	12.0
MW-04	10/16/2023	18.5	7.75	1701.0	1.79	-22.0
MW-05	12/9/2021	17.04	6.90	1,442	1.15	-104.8
MW-05	3/28/2022	18.9	7.92	2,274	5.02	-99.0
MW-05	2/20/2023	--	--	--	--	--
MW-05	4/24/2023	17.5	6.69	16,675	0.45	-4.6
MW-05	7/13/2023	18.7	6.85	7,999	1.58	-103.7
MW-05	10/17/2023	17.6	7.36	3,804	5.77	-2.0
MW-06	2/10/2015	16.7	7.34	5,620	0.56	54
MW-06	10/7/2015	18.7	7.53	5,684	0.17	53
MW-06	5/4/2016	17.8	8.34	5,676	0.46	73
MW-06	10/13/2016	18.2	6.91	5,730	0.12	116
MW-06	4/11/2017	17.6	7.18	5,890	0.18	143
MW-06	10/25/2017	18.7	7.25	5,710	0.14	137
MW-06	5/24/2018	17.3	7.28	5,544	1.00	-8
MW-06	10/12/2018	17.7	7.23	5,273	2.40	142
MW-06	4/4/2019	17.4	7.29	5,550	1.80	124
MW-06	10/8/2019	18.9	7.28	5,929	1.70	18
MW-06	4/6/2020	17.3	7.25	5,448	1.00	-12
MW-06	10/21/2020	18.7	7.53	5,273	2.40	65
MW-06	12/13/2021	18.0	7.29	5,847	1.30	144.9
MW-06	3/28/2022	17.7	7.15	5,817	2.09	51.6

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-06	1/26/2023	17.6	7.31	5,481	0.64	142.0
MW-06	4/25/2023	16.6	7.21	5,653	0.31	135.2
MW-06	7/13/2023	17.9	7.34	5,384	0.56	62.9
MW-06	10/17/2023	18.1	7.66	5,563	0.32	-56.2
MW-08	12/6/2021	12.78	7.4	5,502	2.36	97.5
MW-08	3/22/2022	14.6	7.18	5,208	1.16	109.9
MW-08	1/24/2023	15.5	7.33	4,861	0.46	193.8
MW-08	4/24/2023	15.4	7.23	5,427	0.14	85.9
MW-08	7/12/2023	16.0	7.25	4,505	0.52	112.4
MW-08	10/16/2023	16.5	7.68	5,389	0.21	-15.5
MW-09	2/10/2015	15.8	7.35	6,393	2.77	57
MW-09	10/7/2015	19.8	7.17	5,666	0.19	-87
MW-09	5/4/2016	17.1	8.36	5,692	0.63	12
MW-09	10/13/2016	19.7	6.73	4,710	0.35	138
MW-09	4/11/2017	17.4	7.17	5,942	0.72	109
MW-09	10/24/2017	19.4	7.16	5,617	0.17	136
MW-09	5/24/2018	17.1	7.15	5,140	0.17	51
MW-09	10/12/2018	18.8	7.14	5,319	6.90	14
MW-09	4/8/2019	16.5	7.27	5,010	7.50	118
MW-09	10/8/2019	20.4	7.17	4,032	3.40	-10
MW-09	4/6/2020	17.1	6.92	5,650	0.40	42
MW-09	10/21/2020	19.7	6.73	4,710	0.35	46
MW-09	12/9/2021	17.69	7.29	5,872	1.13	65.1
MW-09	3/28/2022	18.10	7.20	5,764	0.06	78.4
MW-09	1/26/2023	15.1	7.32	4,755	3.41	184
MW-09	4/25/2023	15.6	7.08	4,909	0.18	120.7
MW-09	7/13/2023	19.4	7.19	3,488	1.98	46.1
MW-09	10/17/2023	20.2	6.78	2,694	0.15	46.0
MW-10	12/6/2021	13.48	7.16	8,183	2.80	89.4
MW-10	3/22/2022	14.3	6.77	10,094	2.54	186.4
MW-10	1/23/2023	15.7	6.87	8,536	1.44	-131.8
MW-10	4/24/2023	15.6	6.79	11,367	1.57	117.5
MW-10	7/12/2023	17.3	6.90	10,579	2.26	112.4
MW-10	10/16/2023	18.8	7.25	10,216	0.82	95.6
MW-11	2/9/2015	18.9	7.87	1,063	0.21	31
MW-11	10/7/2015	20.0	7.66	1,311	0.15	91
MW-11	5/4/2016	16.9	8.59	1,111	0.52	48
MW-11	10/18/2016	20.0	7.61	1,806	0.17	122
MW-11	4/11/2017	17.8	7.54	1,846	0.24	111
MW-11	10/25/2017	19.5	7.57	1,639	0.15	148
MW-11	5/24/2018	17.8	7.56	1,405	1.30	63
MW-11	10/12/2018	19.3	6.52	1,381	2.50	101
MW-11	4/8/2019	17.2	7.55	1,360	2.50	119
MW-11	10/8/2019	19.9	7.45	2,348	1.40	-26

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-11	4/6/2020	19.7	7.92	1,975	1.70	37
MW-11	10/21/2020	20.0	7.61	1,806	0.17	55
MW-11	12/13/2021	18.74	7.46	2,442	1.27	133.3
MW-11	3/28/2022	17.8	7.21	2,592	0.71	78.7
MW-11	1/26/2023	17.7	7.38	2,115	1.82	128.2
MW-11	4/25/2023	15.5	7.33	1,521	0.19	99.4
MW-11	7/14/2023	18.0	7.34	2,060	3.39	106.8
MW-11	10/17/2023	19.2	7.80	2,233	0.26	-66.1
MW-12R	2/9/2015	17.5	7.92	1,129	0.15	17
MW-12R	10/7/2015	20.7	7.54	1,139	0.24	54
MW-12R	5/4/2016	17.2	8.63	1,572	0.63	60
MW-12R	10/13/2016	19.6	7.21	1,485	0.24	140
MW-12R	4/11/2017	17.8	7.53	1,580	0.28	129
MW-12R	10/24/2017	19.2	7.64	1,330	0.25	141
MW-12R	5/23/2018	17.2	7.81	1,242	2.20	70
MW-12R	10/12/2018	18.4	7.80	1,046	36.5 [g]	103
MW-12R	4/8/2019	16.7	7.96	1,140	2.00	105
MW-12R	10/8/2019	18.7	7.90	1,190	1.30	-54
MW-12R	4/6/2020	17.8	7.75	1,380	1.80	27
MW-12R	10/21/2020	19.6	7.21	1,485	0.24	50
MW-12R	12/13/2021	17.58	7.96	1,169	0.93	109.9
MW-12R	3/28/2022	16.7	7.71	1,020	1.65	89.6
MW-12R	1/26/2023	16.9	8.16	1,004	1.47	131.0
MW-12R	4/25/2023	15.7	7.94	1,036	0.08	103.6
MW-12R	7/13/2023	16.7	8.05	1,047	1.48	48.0
MW-12R	10/17/2023	18.0	8.57	907	0.25	-1.5
MW-13	3/21/2012	16.2	7.08	7,094	0.29	203
MW-13	6/14/2012	18.5	6.97	6,668	0.25	89
MW-13	9/13/2012	17.5	6.79	6,779	0.27	123
MW-13	12/13/2012	17.0	6.92	6,857	0.32	172
MW-13	3/20/2013	16.8	6.92	6,896	0.29	137
MW-13	10/24/2013	17.5	7.26	4,498	0.43	90
MW-13	4/21/2014	16.3	7.13	7,070	0.46	97
MW-13	10/20/2014	17.4	7.50	6,500	0.50	-99
MW-13	2/10/2015	17.0	7.34	6,717	0.76	-116
MW-13	10/7/2015	19.4	7.08	7,230	0.30	75
MW-13	4/14/2016	17.4	7.27	7,201	1.01	122
MW-13	10/13/2016	18.3	6.80	6,561	0.25	142
MW-13	4/12/2017	18.2	7.13	6,697	0.32	144
MW-13	10/25/2017	18.4	7.12	6,593	0.21	121
MW-13	5/24/2018	17.3	7.12	5,769	1.30	68
MW-13	10/12/2018	17.2	6.62	6,374	13.0	92
MW-13	4/8/2019	16.7	7.21	6,450	1.90	87
MW-13	10/8/2019	18.0	7.21	6,549	3.40	-60

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-13	4/6/2020	17.5	7.04	5,980	0.98	47
MW-13	10/21/2020	17.4	7.50	6,500	0.50	83
MW-13	7/22/2021	18.1	7.21	6,494	2.00	117
MW-13	8/23/2021	17.8	7.15	6,686	1.78	113
MW-13	10/7/2021	16.8	7.29	6,617	2.49	193
MW-13	12/8/2021	16.16	7.26	6,683	1.50	166.5
MW-13	3/25/2022	17.30	7.12	6,871	1.71	80.5
MW-13	1/26/2023	16.80	7.24	6,374	1.23	78.0
MW-13	4/25/2023	16.40	7.14	6,539	0.10	410.0
MW-13	7/14/2023	17.30	7.28	6,381	1.19	156.2
MW-13	10/17/2023	17.80	7.62	6,485	0.16	-52.3
MW-14	3/21/2012	16.1	6.95	769	0.47	125
MW-14	6/14/2012	19.3	6.82	2,725	0.13	-139
MW-14	9/13/2012	17.2	6.80	5,781	0.19	79
MW-14	12/13/2012	17.0	7.18	2,263	0.30	-16
MW-14	3/20/2013	16.6	6.67	1,109	0.34	112
MW-14	10/24/2013	16.9	7.10	3,670	0.36	90
MW-14	4/21/2014	16.1	7.13	5,700	0.41	104
MW-14	10/20/2014	16.9	7.48	6,270	0.87	-98
MW-14	2/11/2015	16.7	7.17	4,965	0.65	28
MW-14	10/7/2015	18.9	6.94	6,726	0.11	82
MW-14	4/14/2016	17.0	6.90	1,883	1.03	129
MW-14	10/13/2016	18.9	6.45	4,835	0.24	147
MW-14	4/12/2017	18.8	6.92	825	0.37	139
MW-14	10/25/2017	18.2	7.04	6,092	0.15	119
MW-14	5/24/2018	16.9	7.11	5,788	1.20	84
MW-14	10/12/2018	16.6	6.92	5,630	3.10	75
MW-14	4/8/2019	16.3	7.16	4,940	7.90	147
MW-14	10/8/2019	17.3	7.16	5,191	1.40	-68
MW-14	4/6/2020	17.0	7.12	5,240	2.50	50
MW-14	10/20/2020	16.9	7.48	6,270	0.87	48
MW-14	7/22/2021	18.8	7.01	6,228	2.87	239
MW-14	8/23/2021	17.1	7.21	5,946	3.17	83.1
MW-14	10/7/2021	16.8	7.17	6,034	3.44	174.2
MW-14	12/8/2021	15.66	7.20	6,640	1.06	166.8
MW-14	3/28/2022	16.0	6.98	4,941	2.75	192.9
MW-14	1/26/2023	16.2	7.08	4,466	1.12	133.1
MW-14	4/25/2023	15.9	7.03	5,223	0.06	131.0
MW-14	7/13/2023	17.0	7.18	6,469	0.03	82.2
MW-14	10/17/2023	17.1	6.84	6,630	0.13	-17.0
MW-15	3/21/2012	17.1	7.19	6,130	0.49	118
MW-15	6/14/2012	19.6	6.90	5,954	0.30	257
MW-15	9/13/2012	18.7	6.86	5,893	0.16	90
MW-15	12/13/2012	16.9	7.06	5,913	0.12	2

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-15	3/20/2013	15.4	7.07	5,628	0.39	172
MW-15	10/24/2013	16.4	7.17	3,989	0.39	87
MW-15	4/22/2014	16.2	7.14	6,187	0.80	130
MW-15	10/20/2014	17.2	7.49	5,723	0.38	-126
MW-15	2/11/2015	16.8	7.15	5,589	0.70	31
MW-15	10/7/2015	18.4	7.06	6,237	0.10	90
MW-15	4/14/2016	16.8	7.02	5,790	1.01	124
MW-15	10/13/2016	17.3	6.80	5,748	0.16	154
MW-15	4/12/2017	17.8	7.11	5,979	0.32	146
MW-15	10/25/2017	18.0	7.12	5,889	0.17	134
MW-15	5/23/2018	16.9	7.18	5,925	1.10	107
MW-15	10/11/2018	16.2	7.06	5,809	1.80	101
MW-15	4/8/2019	17.0	7.16	5,900	29.4 [g]	147
MW-15	10/8/2019	17.3	7.17	5,875	1.20	-63
MW-15	4/7/2020	17.1	6.90	5,790	1.40	75
MW-15	10/21/2020	16.4	7.17	3,989	0.39	94
MW-15	7/22/2021	17.8	7.13	5,609	2.15	155
MW-15	8/23/2021	16.9	7.06	5,215	2.58	17.1
MW-15	10/7/2021	16.6	7.20	5,460	2.50	139.3
MW-15	12/8/2021	15.70	7.20	5,873	1.10	132.4
MW-15	3/28/2022	16.5	7.02	5,049	0.96	44.1
MW-15	1/26/2023	16.3	7.04	5,133	0.82	31.0
MW-15	4/25/2023	16.1	7.06	5,996	0.06	136.0
MW-15	7/13/2023	17.2	7.20	5,950	0.19	50.0
MW-15	10/17/2023	16.9	6.94	6,041	0.15	29.0
MW-16	12/8/2021	16.00	7.25	2,404	1.09	0.6
MW-16	3/22/2022	14.5	6.80	1,402	1.05	161.8
MW-16	1/24/2023	15.4	7.22	4,586	0.61	196.2
MW-16	4/25/2023	15.4	6.98	4,961	0.53	132.2
MW-16	7/13/2023	16.2	6.96	4,811	0.87	94.5
MW-16	10/17/2023	16.5	7.19	4,572	0.41	50.1
MW-17	12/9/2021	17.41	7.33	3,384	1.86	49.5
MW-17	3/28/2022	17.0	7.19	3,325	2.99	71.1
MW-17	1/23/2023	17.1	7.39	2,945	2.37	232.3
MW-17	4/24/2023	16.0	7.33	3,194	4.33	84.0
MW-17	7/12/2023	17.8	7.35	3,180	4.07	113.0
MW-17	10/16/2023	18.1	7.75	2,943	1.98	43.5
MW-18	3/19/2013	17.3	6.54	3,084	0.76	113
MW-18	4/21/2014	16.6	7.01	2,885	0.92	49
MW-18	2/11/2015	16.3	6.99	1,057	0.73	15
MW-18	4/13/2016	17.0	6.86	1,492	1.66	133
MW-18	4/12/2017	18.8	6.91	3,479	0.60	149
MW-18	5/23/2018	17.1	7.07	3,391	2.10	43
MW-18	10/11/2018	16.6	6.91	4,417	3.40	85

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-18	4/8/2019	16.1	7.02	4,800	11.0	132
MW-18	10/8/2019	17.4	7.01	4,664	5.30	-45
MW-18	4/7/2020	17.9	7.05	4,240	2.90	95
MW-18	10/20/2020	16.6	7.01	2,885	0.92	33
MW-18	4/24/2023	--	--	--	--	--
MW-18	7/12/2023	--	--	--	--	--
MW-18	10/16/2023	--	--	--	--	--
MW-19	3/19/2013	14.8	6.94	6,953	0.79	185
MW-19	4/22/2014	13.9	7.04	6,942	2.57	85
MW-19	2/10/2015	16.5	7.22	6,985	0.90	-19
MW-19	4/12/2017	14.7	7.10	6,794	0.89	220
MW-19	5/23/2018	15.1	7.15	6,909	2.50	127
MW-19	10/11/2018	16.2	7.16	6,844	3.50	269
MW-19	4/5/2019	14.6	7.14	6,490	7.40	218
MW-19	10/7/2019	16.7	7.18	5,550	2.10	-82
MW-19	4/7/2020	16.9	7.20	5,550	2.30	112
MW-19	10/20/2020	16.5	7.22	6,985	0.90	-75
MW-19	4/24/2023	--	--	--	--	--
MW-19	7/12/2023	--	--	--	--	--
MW-19	10/16/2023	--	--	--	--	--
MW-20	3/19/2013	17.3	7.15	6,998	0.97	154
MW-20	4/21/2014	16.7	7.22	7,012	2.22	62
MW-20	2/11/2015	16.5	7.38	6,607	1.70	18
MW-20	4/13/2016	17.1	7.51	7,004	2.65	119
MW-20	4/12/2017	17.3	7.27	6,576	3.22	168
MW-20	5/23/2018	17.5	7.29	6,516	2.20	142
MW-20	4/5/2019	17.0	7.29	6,530	30.1[g]	189
MW-20	10/7/2019	18.9	7.30	6,563	1.50	-55
MW-20	4/7/2020	17.5	7.40	6,250	1.70	72
MW-20	10/21/2020	17.3	7.27	6,576	3.25	107
MW-20	4/24/2023	--	--	--	--	--
MW-20	7/12/2023	--	--	--	--	--
MW-20	10/16/2023	--	--	--	--	--
MW-21	3/19/2013	13.4	6.79	6,590	1.40	216
MW-21	4/22/2014	14.9	7.04	6,629	1.00	94
MW-21	2/10/2015	15.8	7.08	6,389	0.78	17
MW-21	4/13/2016	14.6	7.15	6,934	1.56	147
MW-21	4/12/2017	15.1	7.00	6,447	1.70	190
MW-21	5/10/2017	13.7	6.70	6,186	2.10	161
MW-21	5/22/2018	16.4	7.39	6,307	3.20	184
MW-21	10/11/2018	16.9	7.04	6,324	2.90	156
MW-21	4/4/2019	14.1	7.05	6,210	10.4	189
MW-21	10/7/2019	18.2	7.07	6,239	7.60	-51
MW-21	4/7/2020	16.3	7.01	6,180	1.20	79

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-21	12/7/2021	17.55	7.08	6,259	0.97	127.0
MW-21	3/23/2022	14.6	6.91	6,349	1.04	78.5
MW-21	1/24/2023	13.8	7.14	5,965	0.47	89.4
MW-21	4/24/2023	13.8	7.11	6,248	2.23	67.5
MW-21	7/12/2023	16.1	7.12	6,171	2.26	37.3
MW-21	10/16/2023	17.3	7.47	6,177	0.15	-3.3
MW-22	4/8/2019	16.6	7.41	4,120	8.70	98
MW-22	10/7/2019	16.9	7.32	4,262	15.2 [g]	-50
MW-22	4/7/2020	16.4	7.35	4,190	9.60	84
MW-22	10/20/2020	17.1	7.82	4,890	10.1	86
MW-22	12/13/2021	15.02	7.49	4,597	3.06	129.4
MW-22	3/25/2022	15.7	7.22	4,632	3.71	139.8
MW-22	1/24/2023	14.7	7.42	4,264	4.18	222.2
MW-22	4/24/2023	15.6	7.29	4,414	3.46	79.5
MW-22	7/12/2023	15.8	7.41	4,264	6.81	137.1
MW-22	10/16/2023	16.4	7.73	4,461	4.50	32.8
MW-22D 30-35'	12/13/2021	18.1	7.23	6,439	1.81	51.0
MW-22D 30-35'	3/25/2022	16.7	7.11	6,689	2.58	231.3
MW-22D 30-35'	1/27/2023	16.8	7.25	6,571	2.37	365.0
MW-22D 30-35'	4/25/2023	17.5	7.03	6,686	2.13	172.0
MW-22D 30-35'	7/12/2023	18.3	7.51	3,206	4.11	140.3
MW-22D 30-35'	10/17/2023	17.4	7.21	6,618	2.11	33.8
MW-22D 35-40'	12/13/2021	16.7	7.33	6,088	1.90	30.3
MW-22D 35-40'	3/25/2022	16.5	7.08	6,065	0.95	209.4
MW-22D 35-40'	1/24/2023	16.3	7.11	6,082	1.62	122.8
MW-22D 35-40'	4/25/2023	17.4	6.99	6,070	1.87	48.0
MW-22D 35-40'	7/12/2023	17.6	7.16	5,728	3.04	115.1
MW-22D 35-40'	10/17/2023	17.5	7.64	3,295	6.56	15.0
MW-22D 41-46'	12/13/2021	16.0	7.24	6,848	2.34	53.1
MW-22D 41-46'	3/24/2022	17.6	6.87	6,933	2.24	158.0
MW-22D 41-46'	1/27/2023	16.0	7.15	4,671	2.67	224.0
MW-22D 41-46'	4/25/2023	17.3	6.83	6,792	0.94	-13.0
MW-22D 41-46'	7/12/2023	18.3	6.92	6,689	2.78	127.1
MW-22D 41-46'	10/17/2023	17.3	6.97	6,784	1.40	36.0
MW-22D 48-53'	12/13/2021	16.6	7.16	7,033	1.77	101.6
MW-22D 48-53'	3/25/2022	16.5	6.87	7,055	2.59	211.0
MW-22D 48-53'	1/24/2023	15.9	7.04	6,979	2.18	206.0
MW-22D 48-53'	4/25/2023	17.9	6.89	7,056	2.38	141.0
MW-22D 48-53'	7/12/2023	18.1	7.10	6,985	3.92	86.1
MW-22D 48-53'	10/17/2023	16.9	6.89	7,012	2.49	25.0
MW-22D 55-60'	12/13/2021	16.4	7.14	6,971	1.13	82.7
MW-22D 55-60'	3/24/2022	16.9	6.75	7,259	0.76	178.1
MW-22D 55-60'	1/27/2023	16.0	7.05	7,023	6.23	235.2
MW-22D 55-60'	4/25/2023	17.4	6.36	7,050	1.43	173.0

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-22D 55-60'	7/12/2023	18.3	6.92	7,004	1.51	110.3
MW-22D 55-60'	10/17/2023	17.8	7.04	7,135	3.74	22.6
MW-22D 72.5-75'	4/24/2023	--	--	--	--	--
MW-22D 72.5-75'	7/12/2023	--	--	--	--	--
MW-22D 72.5-75'	10/16/2023	--	--	--	--	--
MW-23	5/23/2018	17.9	7.53	6,894	2.70	163
MW-23	10/11/2018	17.7	6.98	6,447	4.20	118
MW-23	4/5/2019	17.5	7.31	6,700	3.80	144
MW-23	10/8/2019	18.2	7.37	6,684	5.60	-71
MW-23	4/7/2020	17.9	7.28	6,900	4.10	90
MW-23	10/21/2020	16.9	6.34	5,980	3.75	83
MW-23	7/22/2021	17.7	7.32	6,780	1.16	174
MW-23	8/23/2021	17.6	7.25	6,861	1.62	74.5
MW-23	10/7/2021	17.6	7.33	6,768	1.25	170.3
MW-23	12/8/2021	17.71	7.00	6,711	1.78	210.6
MW-23	3/25/2022	17.5	6.99	6,822	1.22	146.8
MW-23	1/24/2023	17.1	7.06	6,446	0.41	224.0
MW-23	4/24/2023	17.1	6.89	6,733	0.55	101.7
MW-23	7/12/2023	18.1	7.16	6,621	1.41	-7.8
MW-23	10/16/2023	18.2	7.32	6,625	0.39	-10.6
MW-23D 31-33.5'	12/9/2021	14.24	8.45	6,118	2.73	158.8
MW-23D 31-33.5'	3/24/2022	16.9	7.19	7,114	3.56	190.7
MW-23D 31-33.5'	1/24/2023	16.2	7.35	7,113	2.58	217.1
MW-23D 31-33.5'	4/24/2023	17.5	7.16	7,222	2.47	125.0
MW-23D 31-33.5'	7/13/2023	17.1	7.41	7,099	5.10	158.8
MW-23D 31-33.5'	10/16/2023	16.9	7.20	3,939	2.83	50.1
MW-23D 47-52'	12/9/2021	14.73	7.70	1,359	0.51	-90.5
MW-23D 47-52'	3/24/2022	16.3	7.49	4,483	0.23	-94.2
MW-23D 47-52'	1/24/2023	15.7	7.64	6,198	3.18	38.6
MW-23D 47-52'	4/24/2023	16.5	7.38	6,796	1.14	-7.0
MW-23D 47-52'	7/13/2023	--	--	--	--	--
MW-23D 47-52'	10/16/2023	--	--	--	--	--
MW-23D 56.5-61.5'	12/9/2021	15.25	7.07	6,730	3.51	99.6
MW-23D 56.5-61.5'	3/24/2022	16.4	6.94	7,225	3.12	147.0
MW-23D 56.5-61.5'	1/24/2023	15.4	7.11	7,038	3.64	-13.3
MW-23D 56.5-61.5'	4/24/2023	17.0	7.03	7,129	2.76	135.0
MW-23D 56.5-61.5'	7/13/2023	17.5	7.10	7,090	3.77	171.2
MW-23D 56.5-61.5'	10/16/2023	13.8	7.93	0.50	9.33	-33.1
MW-23D 64-74'	4/24/2023	--	--	--	--	--
MW-23D 64-74'	7/12/2023	--	--	--	--	--
MW-23D 64-74'	10/16/2023	--	--	--	--	--
MW-24	5/23/2018	16.9	7.36	6,900	4.70	142
MW-24	10/11/2018	16.7	6.68	6,693	3.40	196
MW-24	4/5/2019	15.9	7.22	6,610	12.1	229

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-24	10/7/2019	19.8	7.25	6,672	6.47	-51
MW-24	4/7/2020	18.7	7.15	6,450	2.96	127
MW-24	10/20/2020	15.7	6.91	7,120	1.75	-15
MW-24	4/24/2023	--	--	--	--	--
MW-24	7/12/2023	--	--	--	--	--
MW-24	10/16/2023	--	--	--	--	--
MW-25	5/24/2018	14.4	7.23	6,783	2.40	-313
MW-25	10/11/2018	16.8	7.11	6,825	3.20	67
MW-25	4/4/2019	12.8	6.95	6,740	40.5 [g]	213
MW-25	10/7/2019	17.6	7.01	6,210	7.50	-54
MW-25	4/7/2020	17.1	7.09	6,470	1.90	-46
MW-25	10/20/2020	15.8	7.33	7,020	2.30	-84
MW-25	12/7/2021	15.81	6.98	6,601	1.23	139.8
MW-25	3/24/2022	13.5	6.94	6,578	1.64	93.4
MW-25	1/26/2023	14.0	7.05	6,210	0.41	-32.0
MW-25	4/25/2023	13.1	6.96	6,317	0.91	133.2
MW-25	7/13/2023	16.7	7.07	5,779	1.31	-40.9
MW-25	10/17/2023	17.4	7.30	4,559	0.46	-196.7
MW-26D	7/22/2021	17.5	7.05	7,203	1.53	211
MW-26D	8/23/2021	16.8	7.20	7,243	1.57	171.1
MW-26D	10/7/2021	16.0	7.36	7,239	3.46	206.6
MW-26D	12/8/2021	13.57	7.44	7,096	4.00	126.0
MW-26D	3/24/2022	14.5	7.18	7,384	2.79	177.2
MW-26D	1/24/2023	13.7	7.52	7,070	6.44	112.0
MW-26D	4/24/2023	15.3	7.19	7,113	3.34	7113.0
MW-26D	7/13/2023	17.1	7.30	6,210	3.50	130.6
MW-26D	10/16/2023	15.7	7.29	3,845	2.97	50.3
MW-27	12/6/2021	15.27	7.29	7,569	3.33	186.2
MW-27	3/22/2022	15.0	7.09	7,473	2.31	224.4
MW-27	1/24/2023	16.8	7.03	7,350	0.37	180.2
MW-27	4/24/2023	15.9	7.08	8,284	0.27	83.6
MW-27	7/12/2023	18.0	7.05	7,628	1.60	115.0
MW-27	10/16/2023	19.7	7.38	7,408	1.47	134.2
MW-28	1/24/2023	17.2	7.12	6,087	0.28	187.2
MW-28	4/24/2023	15.9	7.02	6,119	0.07	91.1
MW-28	7/12/2023	18.1	7.11	6,063	1.45	121.3
MW-28	10/16/2023	18.8	7.42	6,229	0.10	-11.0
MW-29	12/7/2021	17.98	7.13	6,527	1.08	120.9
MW-29	3/23/2022	15.7	6.94	6,526	1.14	163.0
MW-29	2/20/2023	--	--	--	--	--
MW-29	4/25/2023	14.8	7.05	6,341	0.50	134.7
MW-29	7/13/2023	16.8	7.19	3,012	1.34	32.7
MW-29	10/17/2023	19.4	7.43	6,185	0.19	-56.2
MW-30	12/7/2021	15.26	7.33	6,447	1.39	122.0

Table 7. Historical groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-30	3/23/2022	14.0	7.15	6,519	0.99	176.2
MW-30	1/26/2023	14.2	7.54	5,905	2.56	281.0
MW-30	4/25/2023	13.9	7.25	6,544	0.55	136.8
MW-30	7/13/2023	15.5	7.35	6,459	1.17	80.9
MW-30	10/17/2023	17.2	7.70	6,424	0.76	-69.4
MW-31	12/6/2021	12.50	7.10	6,933	1.34	112.7
MW-31	3/23/2022	13.2	6.97	6,374	2.42	163.6
MW-31	1/22/2023	14.5	7.04	7,455	2.45	334.9
MW-31	4/24/2023	13.8	6.94	8,025	1.60	101.9
MW-31	7/13/2023	15.8	7.02	6,731	1.18	98.6
MW-31	10/17/2023	17.5	7.42	7,237	0.73	41.5
MW-32	12/7/2021	16.85	7.23	6,251	3.74	119.8
MW-32	3/23/2022	14.4	7.18	6,107	4.24	205.5
MW-32	1/24/2023	14.9	7.29	4,171	0.48	197.9
MW-32	4/24/2023	14.3	7.16	3,582	0.12	61.9
MW-32	7/12/2023	18.1	7.28	3,311	0.88	-190.0
MW-32	10/16/2023	19.6	7.54	4,961	0.54	-26.2
MW-33	12/7/2021	16.90	7.27	5,315	2.48	122.0
MW-33	3/23/2022	14.0	7.21	5,117	4.35	160.3
MW-33	1/26/2023	14.9	7.35	4,300	2.90	283.0
MW-33	4/25/2023	13.7	7.27	4,485	2.94	126.1
MW-33	7/13/2023	16.2	7.31	6,448	0.18	72.3
MW-33	10/17/2023	19.0	7.61	5,215	1.80	57.8
MW-34	12/7/2021	16.61	7.02	5,399	1.11	88.0
MW-34	3/23/2022	15.1	6.82	5,514	1.11	171.3
MW-34	1/26/2023	12.2	7.09	4,955	0.29	299.0
MW-34	4/25/2023	14.5	6.95	4,936	0.11	131.1
MW-34	7/13/2023	16.4	7.05	4,683	1.08	55.4
MW-34	10/17/2023	17.0	7.38	4,942	0.34	42.3
MW-35	12/7/2021	16.78	7.09	5,672	1.67	100.1
MW-35	3/23/2022	15.1	6.90	5,421	1.70	143.8
MW-35	1/26/2023	14.9	7.12	5,243	3.04	115.3
MW-35	4/25/2023	14.5	7.01	5,359	1.93	130.5
MW-35	7/13/2023	16.8	7.18	3,954	5.18	82.7
MW-35	10/17/2023	18.9	7.45	3,173	2.61	14.3

[a] °C = degrees Celsius

[b] µS/cm = microsiemens per centimeter

[c] mg/L = milligrams per liter

[d] ORP = oxidation-reduction potential

[e] mV = millivolts

[f] a dash (--) indicates that a parameter was not measured

[g] Values with DO concentrations above 15 mg/L are highlighted and are not believed to be representative.

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-01	Freedom	3/21/2006	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	6/28/2006	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--
MW-01	LTE[d]	3/31/2009	5.8[j]	<1.0l	<1.0	<1.0	<1.0	<2.0	--
MW-01	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-01	LTE	10/14/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	LTE	3/31/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	Quantum	12/6/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	Quantum	3/23/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	ERO	01/23/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-01	ERO	4/25/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-01	ERO	7/14/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-01	ERO	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-02	Freedom	10/15/2005	**68k**	ND	ND	NR	NR	NR	--
MW-02	Freedom	3/22/2006	**48**	ND	ND	NR	NR	NR	--
MW-02	Freedom	6/28/2006	**86**	ND	ND	NR	NR	NR	--
MW-02	Freedom	10/12/2006	**280**	**6.0**	ND	NR	NR	NR	--
MW-02	Freedom	1/20/2007	**160**	ND	ND	NR	NR	NR	--
MW-02	Freedom	4/20/2007	**96**	ND	ND	NR	NR	NR	--
MW-02	Freedom	7/17/2007	**310**	ND	ND	NR	NR	NR	--
MW-02	Freedom	6/13/2008	**180**	ND	ND	NR	NR	NR	--
MW-02	Freedom	10/3/2008	**468**	ND	ND	NR	NR	NR	--
MW-02	LTE	3/30/2009	**380**	1.1	<1.0	<1.0	<1.0	<2.0	--
MW-02	LTE	6/30/2009	**1,700**	4.0	6.2	<1.0	<1.0	<2.0	--
MW-02	LTE	10/14/2009	**2,000**	3.9	6.7	<1.0	<1.0	<1.0	--
MW-02	LTE	12/15/2009	**1,100**	2.4	3.2	<1.0	<1.0	<1.0	--
MW-02	LTE	3/31/2010	**1,800**	**5.3**	8.8	<1.0	<1.0	<1.0	--
MW-02	LTE	2/10/2015	**1,650**	3.1	4.5	<1.0	<1.0	<1.0	--
MW-02	LTE	9/6/2016	**466**	<5.0	<5.0	<5.0	<5.0	<5.0	--
MW-02	Quantum	12/9/2021	**1,700**	3.9	4.7	<1.0	<1.0	<1.0	--
MW-02	Quantum	3/28/2022	**1,000**	2.0	<1.0	<1.0	<1.0	<1.0	--
MW-02	ERO	01/26/2023	**890**	4.5	4.7	<1.00	<1.00	<1.00	--
MW-02	ERO	4/25/2023	**549**	2.81	3.2	<1.00	<1.00	<1.00	--
MW-02	ERO	7/13/2023	**391**	<20.0	<20.0	<20.0	<20.0	<20.0	--
MW-02	ERO	10/17/2023	**349**	<20.0	<20.0	<20.0	<20.0	<20.0	--
MW-03	Freedom	10/15/2005	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	3/21/2006	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	6/28/2006	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	10/3/2008	3.6	ND	ND	NR	NR	NR	--
MW-03	LTE	3/31/2009	4.2	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-03	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-03	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-03	Quantum	12/8/2021	**21**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-03	Quantum	3/22/2022	8.5	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-03	ERO	01/24/2023	16.0	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-03	ERO	4/24/2023	13.5	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-03	ERO	7/13/2023	**17.7**	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-03	ERO	10/16/2023	**18.2**	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-04	Freedom	10/15/2005	11	ND	ND	NR	NR	NR	--
MW-04	Freedom	3/21/2006	12	ND	ND	NR	NR	NR	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-04	Freedom	6/28/2006	5.9	ND	ND	NR	NR	NR	--
MW-04	Freedom	10/12/2006	**45**	ND	ND	NR	NR	NR	--
MW-04	Freedom	1/20/2007	**43**	ND	ND	NR	NR	NR	--
MW-04	Freedom	4/20/2007	**35**	1.4	ND	NR	NR	NR	--
MW-04	Freedom	7/17/2007	**160**	5	ND	NR	NR	NR	--
MW-04	Freedom	6/13/2008	**17**	ND	ND	NR	NR	NR	--
MW-04	Freedom	10/3/2008	**179**	**5.8**	ND	NR	NR	NR	--
MW-04	LTE	3/31/2009	**32**	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-04	LTE	6/30/2009	16	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-04	LTE	10/14/2009	**20**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-04	LTE	12/15/2009	**24**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-04	LTE	3/31/2010	**18**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-04	Quantum	12/8/2021	**61**	2.2	<1.0	<1.0	<1.0	<1.0	--
MW-04	Quantum	3/22/2022	**28**	**5.1**	<1.0	<1.0	<1.0	<1.0	--
MW-04	ERO	01/24/2023	**31**	2.5	0.293 J	<1.00	<1.00	<1.00	--
MW-04	ERO	4/24/2023	**29**	2.08	0.144 J	<1.00	<1.00	<1.00	--
MW-04	ERO	7/13/2023	**42.5**	2.15	<1.00	<1.00	<1.00	<1.00	--
MW-04	ERO	10/16/2023	**67.8**	2.74	<1.00	<1.00	<1.00	<1.00	--
MW-05	Freedom	10/15/2005	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	3/22/2006	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	6/28/2006	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--
MW-05	LTE	3/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-05	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-05	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-05	LTE	2/10/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-05	Quantum	12/9/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-05	Quantum	3/28/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-05	ERO	2/20/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
MW-05	ERO	4/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-05	ERO	7/14/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-05	ERO	10/17/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-06	Freedom	10/15/2005	**3,900**	**40**	**96**	NR	NR	NR	--
MW-06	Freedom	3/22/2006	**5,100**	**29**	**97**	NR	NR	NR	--
MW-06	Freedom	6/28/2006	**6,700**	**39**	**88**	NR	NR	NR	--
MW-06	Freedom	10/12/2006	**16,000**	**78**	**200**	NR	NR	NR	--
MW-06	Freedom	1/20/2007	**15,000**	**68**	**150**	NR	NR	NR	--
MW-06	Freedom	2/21/2007	**14,814**	**57**	**79**	<100	<100	<100	--
MW-06	Freedom	2/28/2007	**32**	<10	6.7	<10	<10	<10	--
MW-06	Freedom	3/8/2007	4.4	<1.0	1.9	<1.0	<1.0	<1.0	--
MW-06	Freedom	3/26/2007	**66**	1.5	3.5	<1.0	<1.0	<1.0	--
MW-06	Freedom	4/9/2007	**37**	0.8	2.4	<1.0	<1.0	<1.0	--
MW-06	Freedom	4/20/2007	**190**	3.3	ND	NR	NR	NR	--
MW-06	Freedom	7/17/2007	**3,000**	**22**	38	NR	NR	NR	--
MW-06	Freedom	6/13/2008	**3,600**	**15**	39	NR	NR	NR	--
MW-06	Freedom	8/15/2008	**3,773**	**13**	35	<0.5	<0.5	<0.5	--
MW-06	Freedom	10/3/2008	**15,800**	**110**	**279**	NR	NR	NR	--
MW-06	LTE	3/30/2009	**2,600**	**13**	38	1.8	<1.0	<2.0	--
MW-06	LTE	6/30/2009	**2,300**	**13**	45	<1.0	<1.0	<2.0	--
MW-06	LTE	10/14/2009	**19,000**	**59**	**160**	<1.0	<1.0	<1.0	--
MW-06	LTE	12/15/2009	**2,300**	**15**	62	<1.0	<1.0	<1.0	--
MW-06	LTE	3/31/2010	**4,000**	**29**	**91**	<1.0	<1.0	<1.0	--
MW-06	LTE	3/21/2013	**5,750**	<10	**139**	<10	<10	<10	--
MW-06	LTE	2/10/2015	**2,530**	**13**	35	<1.0	<1.0	<1.0	--
MW-06	LTE	10/7/2015	**1,640**	**12**	35	<1.0	<1.0	<1.0	--
MW-06	LTE	5/4/2016	**2,160**	**24**	59	<1.0	<1.0	<1.0	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-06	LTE	10/13/2016	**2,060**	**40**	**789**	<1.0	<1.0	<1.0	--
MW-06	LTE	4/11/2017	**4,190**	**62**	**93**	<1.0	<1.0	<1.0	--
MW-06	LTE	10/25/2017	**5,020**	**58**	**108**	<1.0	1.1	**13**	--
MW-06	LTE	5/24/2018	**3,890**	**50**	**96**	<1.0	1.7	**5.2**	--
MW-06	R3e	10/12/2018	**6,300**	**59**	**100**	<1.0	<1.0	**11**	--
MW-06	RETTEWf	2/28/2019	**3,580**	**54**	85.5	<1.00	1.26	**4.03**	--
MW-06	R3	4/8/2019	**5,100**	**44**	<1.0	<1.0	<1.0	<1.0	--
MW-06	R3	10/8/2019	**4,600**	**38**	61	<1.0	<1.0	<1.0	--
MW-06	R3	4/6/2020	**4,300**	**35**	64	<1.0	<1.0	<1.0	--
MW-06	R3	10/21/2020	**3,000**	**28**	57	<1.0	<1.0	**4.1**	--
MW-06	Quantum	12/13/2021	**2,800**	**28**	62	<1.0	<1.0	**23**	--
MW-06	Quantum	3/28/2022	**5,200**	**20**	26	<1.0	<1.0	<1.0	--
MW-06	ERO	01/26/2023	**3,180**	**30**	55	0.179 J	0.865 J	**2.7**	--
MW-06	ERO	4/25/2023	**2,950**	**25**	37.4	0.17 J	0.835 J	**2.65**	--
MW-06	ERO	7/13/2023	**3,220**	<200	<200	<200	<200	<200	--
MW-06	ERO	10/17/2023	**2,090**	**18.8 J**	36	<20.0	<20.0	**5.53 J**	--
MW-08	Freedom	10/15/2005	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	3/21/2006	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	6/28/2006	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--
MW-08	LTE	3/31/2009	2.9	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-08	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-08	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-08	Quantum	12/6/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-08	Quantum	3/22/2022	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-08	ERO	1/24/2023	2.9	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-08	ERO	4/24/2023	0.98 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-08	ERO	7/12/2023	5.78	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-08	ERO	10/16/2023	0.96 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-09	Freedom	3/22/2006	**3,300**	**7.5**	24	NR	NR	NR	--
MW-09	Freedom	6/28/2006	**4,800**	**13**	16	NR	NR	NR	--
MW-09	Freedom	10/12/2006	**15,000**	**15**	12	NR	NR	NR	--
MW-09	Freedom	1/20/2007	**6,500**	**14**	21	NR	NR	NR	--
MW-09	Freedom	2/21/2007	**20,096**	**75**	**127**	<100	<100	<100	--
MW-09	Freedom	2/26/2007	**17,932**	**106**	**136**	<100	<100	<100	--
MW-09	Freedom	2/28/2007	**9,714**	**52**	**133**	<100	<100	<100	--
MW-09	Freedom	3/8/2007	**15,085**	**54**	**128**	<100	<100	<100	--
MW-09	Freedom	3/26/2007	**18,034**	**63**	**130**	<100	<100	**105**	--
MW-09	Freedom	4/9/2007	**16,530**	**58**	**128**	<100	<100	<100	--
MW-09	Freedom	4/20/2007	**10,000**	**34**	**100**	NR	NR	NR	--
MW-09	Freedom	7/17/2007	**6,500**	**27**	60	NR	NR	NR	--
MW-09	Freedom	6/13/2008	**20,000**	**15**	20	NR	NR	NR	--
MW-09	Freedom	8/15/2008	**12,521**	<50	61	<50	<50	<50	--
MW-09	Freedom	10/3/2008	**20,100**	**12**	17.6	NR	NR	NR	--
MW-09	LTE	3/30/2009	**5,900**	**10**	12	<1.0	<1.0	<2.0	--
MW-09	LTE	6/30/2009	**11,000**	**40**	**110**	<1.0	<1.0	<2.0	--
MW-09	LTE	10/14/2009	**2,000**	**12**	61	<1.0	<1.0	<1.0	--
MW-09	LTE	12/15/2009	**13,000**	**31**	**71**	<1.0	<1.0	<1.0	--
MW-09	LTE	3/31/2010	**15,000**	**49**	**130**	1.2	1.2	<1.0	--
MW-09	LTE	3/21/2013	**21,700**	<50	**77**	<50	<50	<50	--
MW-09	LTE	2/10/2015	**11,200**	**10**	7.5	<1.0	<1.0	<1.0	--
MW-09	LTE	10/7/2015	**20,600**	**67**	**104**	<1.0	<1.0	<1.0	--
MW-09	LTE	5/4/2016	**6,550**	**54**	**133**	<1.0	<1.0	1.1	--
MW-09	LTE	10/13/2016	**6,620**	**64**	**114**	<1.0	<1.0	<1.0	--
MW-09	LTE	4/11/2017	**11,000**	**77**	**97**	<1.0	<1.0	<1.0	--
MW-09	LTE	10/24/2017	**9,690**	**82**	**159**	<1.0	1.9	12	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-09	LTE	5/24/2018	**9,820**	**65**	**125**	1.4	2.1	5	--
MW-09	R3	10/12/2018	**13,000**	**81**	**170**	<1.0	<1.0	9.1	--
MW-09	R3	4/8/2019	**11,000**	**57**	**110**	<1.0	<1.0	<1.0	--
MW-09	R3	10/8/2019	**13,000**	**48**	**71**	<1.0	<1.0	<1.0	--
MW-09	R3	4/6/2020	**11,900**	**41**	65	<1.0	<1.0	<1.0	--
MW-09	R3	10/21/2020	**190**	9.5	5.8	<1.0	<1.0	<1.0	--
MW-09	Quantum	12/9/2021	**19,000**	**100**	**150**	1.1	3.8	**7.4**	--
MW-09	Quantum	3/28/2022	**12,000**	**50**	**78**	<1.0	<1.0	**1.8**	--
MW-09	ERO	1/26/2023	**4,760**	**63**	**109**	<10.0	<10.0	**3.79 J**	--
MW-09	ERO	1/26/2023	**8,340**	**42**	66	<10.0	<10.0	<10.0	--
MW-09	ERO	4/25/2023	**7,430**	**51.3**	**74.8**	0.36 J	1.71	**3.68**	--
MW-09	ERO	4/25/2023	**7,150**	**57.1**	**85.4**	0.491 J	1.84	**4.15**	--
MW-09	ERO	7/13/2023	**14,200**	<200	50.7 J	<200	<200	<200	--
MW-09	ERO	7/13/2023	**13,800**	<200	<200	<200	<200	<200	--
MW-09	ERO	10/17/2023	**3,350**	<200	<200	<200	<200	<200	--
MW-09	ERO	10/17/2023	**3,580**	<200	37.6 J	<200	<200	<200	--
MW-10	Freedom	3/21/2006	2.6	ND	ND	NR	NR	NR	--
MW-10	Freedom	6/28/2006	2.2	ND	ND	NR	NR	NR	--
MW-10	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-10	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-10	Freedom	4/20/2007	2.6	ND	ND	NR	NR	NR	--
MW-10	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-10	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-10	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--
MW-10	LTE	3/31/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-10	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-10	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-10	RETTEW	3/22/2019	<1.0	54.2	<1.0	<1.0	<1.0	<1.0	--
MW-10	Quantum	12/6/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-10	Quantum	3/22/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-10	ERO	1/23/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-10	ERO	4/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-10	ERO	7/12/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-10	ERO	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-11	Freedom	3/22/2006	**9,600**	**36**	**110**	NR	NR	NR	--
MW-11	Freedom	6/28/2006	**3,700**	**33**	**76**	NR	NR	NR	--
MW-11	Freedom	10/12/2006	**15,000**	**230**	**630**	NR	NR	NR	--
MW-11	Freedom	1/20/2007	**9,700**	**36**	**70**	NR	NR	NR	--
MW-11	Freedom	2/21/2007	**17,270**	**114**	**204**	<100	<100	<100	--
MW-11	Freedom	2/26/2007	**14,535**	**807**	**244**	<100	<100	<100	--
MW-11	Freedom	2/28/2007	**27,992**	**237**	**515**	<100	<100	<100	--
MW-11	Freedom	3/8/2007	**14,445**	**88**	**150**	<100	<100	<100	--
MW-11	Freedom	3/8/2007	**32,140**	**236**	**424**	<100	<100	<100	--
MW-11	Freedom	4/9/2007	**36,933**	**229**	**403**	<100	<100	<100	--
MW-11	Freedom	4/20/2007	**6,400**	**21**	ND	NR	NR	NR	--
MW-11	Freedom	7/17/2007	**6,600**	**22**	34	NR	NR	NR	--
MW-11	Freedom	6/13/2008	**17,000**	**39**	79	NR	NR	NR	--
MW-11	Freedom	8/15/2008	**27,886**	**120**	**226**	<50	<50	<50	--
MW-11	Freedom	10/3/2008	**13,400**	**65**	**126**	NR	NR	NR	--
MW-11	LTE	3/30/2009	**29,000**	**82**	**130**	6.1	<1.0	<2.0	--
MW-11	LTE	6/30/2009	**15,000**	**33**	58	<1.0	<1.0	<2.0	--
MW-11	LTE	10/14/2009	**8,200**	**36**	**70**	<1.0	<1.0	<1.0	--
MW-11	LTE	12/15/2009	**5,100**	**41**	**81**	<1.0	<1.0	<1.0	--
MW-11	LTE	3/31/2010	**13,000**	**78**	**170**	1.9	<1.0	<1.0	--
MW-11	LTE	3/21/2013	**8,690**	<50	**74**	<50	<50	<50	--
MW-11	LTE	1/21/2014	**2,760**	**107**	**517**	<5	**20**	<5	--
MW-11	LTE	3/6/2014	**34,400**	**225**	**409**	<5	**25**	**7.4**	--
MW-11	LTE	3/20/2014	**74**	<0.5	<0.5	<0.5	0.84	<0.5	--
MW-11	LTE	4/4/2014	**15,100**	**97**	**98**	<0.5	**7.6**	1.5	--
MW-11	LTE	4/21/2014	**12,700**	<50	**89**	<50	<50	<50	--
MW-11	LTE	2/9/2015	<1.0	**100**	**152**	<1.0	**7.9**	<1.0	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-11	LTE	10/7/2015	**23,800**	**131**	**260**	<1.0	5.1	**3.2**	--
MW-11	LTE	5/4/2016	**17,900**	**231**	**445**	2.8	4.8	**9.8**	--
MW-11	LTE	10/18/2016	**25,400**	**185**	**359**	4.7	6.1	**11**	--
MW-11	LTE	4/11/2017	**25,600**	**289**	**454**	2.2	**9.7**	<1.0	--
MW-11	LTE	10/25/2017	**28,400**	**242**	**286**	2.8	**7.8**	**34**	--
MW-11	LTE	5/24/2018	**43,200**	**336**	**562**	4.2	**8.2**	**11**	--
MW-11	R3	10/12/2018	**27,000**	**340**	**430**	4.2	<1.0	**19**	--
MW-11	R3	4/8/2019	**7,600**	**300**	**1,100**	3.4	<1.0	**12**	--
MW-11	R3	10/8/2019	**42,000**	**210**	3.1	3.4	<1.0	**6.3**	--
MW-11	R3	4/6/2020	**28,200**	**190**	**392**	3.4	<1.0	**7.1**	--
MW-11	R3	10/21/2020	**37,000**	**210**	**220**	**2**	4.2	**6.3**	--
MW-11	Quantum	12/13/2021	**35,000**	**330**	**660**	5.7	**13**	**32**	--
MW-11	Quantum	3/28/2022	**58,000**	**300**	**410**	5.8	<1.0	**2.9**	--
MW-11	ERO	1/26/2023	**29,200**	**398**	**834**	5.77 J	5.56	**6.96**	--
MW-11	ERO	4/25/2023	**61,200**	**508**	**992**	8.06	**7.73**	**6.02**	--
MW-11	ERO	7/14/2023	**33,700**	**414 J**	**942**	<500	<500	<500	--
MW-11	ERO	10/17/2023	**25,700**	**217 J**	**512**	<500	<500	<500	--
MW-12R	Freedom	3/22/2006	**6,100**	**6.8**	ND	NR	NR	NR	--
MW-12R	Freedom	6/28/2006	**5,800**	**9.4**	ND	NR	NR	NR	--
MW-12R	Freedom	10/12/2006	**8,800**	**9.1**	ND	NR	NR	NR	--
MW-12R	Freedom	1/20/2007	**8,000**	**6.5**	ND	NR	NR	NR	--
MW-12R	Freedom	4/20/2007	**10,000**	**9.8**	ND	NR	NR	NR	--
MW-12R	Freedom	7/17/2007	**14,000**	**8.2**	ND	NR	NR	NR	--
MW-12R	Freedom	6/13/2008	**19,000**	**9.4**	ND	NR	NR	NR	--
MW-12R	Freedom	10/3/2008	**13,300**	**6.5**	ND	NR	NR	NR	--
MW-12R	LTE	3/31/2009	**6,600**	**6.6**	<1.0	<1.0	<1.0	<2.0	--
MW-12R	LTE	6/30/2009	**11,000**	**9.0**	<1.0	<1.0	<1.0	<2.0	--
MW-12R	LTE	10/14/2009	**20,000**	**9.9**	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	12/15/2009	**3,100**	3.9	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	3/31/2010	**16,000**	**12**	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	3/21/2013	**4,220**	<0.5	<0.5	<0.5	<0.5	<0.5	--
MW-12R	LTE	3/5/2014	**264**	<0.5	<0.5	<0.5	<0.5	<0.5	--
MW-12R	LTE	3/20/2014	**15,300**	<50	**140**	<50	<50	<50	--
MW-12R	LTE	4/4/2014	**7,390**	<50	<50	<50	<50	<50	--
MW-12R	LTE	4/21/2014	**858**	<25	<25	<25	<25	<25	--
MW-12R	LTE	2/9/2015	**141**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	10/7/2015	**23**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	5/4/2016	**372**	2.5	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	10/13/2016	**137**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	4/11/2017	**195**	3.3	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	10/24/2017	**194**	3	1.9	<1.0	<1.0	1.4	--
MW-12R	LTE	5/23/2018	**295**	3	1.9	<1.0	<1.0	<1.0	--
MW-12R	R3	10/12/2018	**91**	2	1.3	<1.0	<1.0	<1.0	--
MW-12R	R3	4/8/2019	**180**	2.6	1.2	<1.0	<1.0	**3.0**	--
MW-12R	R3	10/8/2019	**230**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	R3	4/6/2020	**200**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	R3	10/21/2020	**240**	2.3	<1.0	<1.0	<1.0	<1.0	--
MW-12R	Quantum	12/13/2021	**2,100**	2.5	1.9	<1.0	<1.0	<1.0	--
MW-12R	Quantum	3/28/2022	**170**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	ERO	1/26/2023	**168**	0.992 J	0.537 J	<1.00	<1.00	<1.00	--
MW-12R	ERO	4/25/2023	**185**	1.04	0.433 J	<1.00	<1.00	<1.00	--
MW-12R	ERO	7/13/2023	**160**	0.61 J	<1.00	<1.00	<1.00	<1.00	--
MW-12R	ERO	10/17/2023	**114**	0.866 J	0.42 J	<1.00	<1.00	<1.00	--
MW-13	Freedom	3/22/2006	**2,000**	**19**	**81**	NR	NR	NR	--
MW-13	Freedom	6/28/2006	**5,100**	**42**	**120**	NR	NR	NR	--
MW-13	Freedom	10/12/2006	**7,100**	**43**	**120**	NR	NR	NR	--
MW-13	Freedom	1/20/2007	**7,400**	**41**	**110**	NR	NR	NR	--
MW-13	Freedom	4/20/2007	**11,000**	**49**	**130**	NR	NR	NR	--
MW-13	Freedom	7/17/2007	**10,000**	**43**	**86**	NR	NR	NR	--
MW-13	Freedom	6/13/2008	**16,000**	**45**	**150**	NR	NR	NR	--
MW-13	Freedom	10/3/2008	**12,200**	**45**	**117**	NR	NR	NR	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-13	LTE	3/30/2009	**13,000**	**54**	**130**	3.7	<1.0	<2.0	--
MW-13	LTE	6/30/2009	**14,000**	**42**	**120**	<1.0	<1.0	<2.0	--
MW-13	LTE	10/14/2009	**14,000**	**41**	**120**	<1.0	<1.0	<1.0	--
MW-13	LTE	12/15/2009	**6,100**	**37**	**96**	<1.0	<1.0	<1.0	--
MW-13	LTE	3/31/2010	**5,400**	**40**	**120**	1.1	<1.0	<1.0	--
MW-13	LTE	3/21/2012	**11,000**	**37**	**89**	<1.0	<1.0	<1.0	--
MW-13	LTE	6/14/2012	**6,900**	**30**	**79**	<1.0	<1.0	<1.0	--
MW-13	LTE	9/13/2012	**6,310**	**31**	**79**	<1.0	<1.0	<1.0	--
MW-13	LTE	12/13/2012	**8,010**	**38**	**108**	<1.0	<1.0	<1.0	--
MW-13	LTE	3/20/2013	**12,100**	**36**	**90**	<1.0	<1.0	<1.0	--
MW-13	LTE	3/20/2013	**13,400**	**38**	**95**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/24/2013	**9,050**	**27**	64	<1.0	<1.0	<1.0	--
MW-13	LTE	4/21/2014	**21,800**	**42**	**95**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/20/2014	**9,930**	**32**	**76**	<1.0	<1.0	<1.0	--
MW-13	LTE	2/10/2015	**7,530**	**32**	**84**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/7/2015	**7,800**	**31**	**78**	<1.0	<1.0	<1.0	--
MW-13	LTE	4/14/2016	**10,900**	**43**	**95**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/13/2016	**6,600**	**37**	**88**	<1.0	<1.0	<1.0	--
MW-13	LTE	4/12/2017	**9,550**	**46**	**88**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/25/2017	**10,300**	**45**	**93**	<1.0	<1.0	<1.0	--
MW-13	LTE	5/24/2018	**10,500**	**40**	**83**	1.2	1.4	1.6	--
MW-13	R3	10/12/2018	**12,000**	**43**	**83**	<1.0	1.0	<1.0	--
MW-13	RETTEW	3/5/2019	**8,260**	**47**	**93**	0.612	0.926	1.68	--
MW-13	R3	4/8/2019	**11,000**	**50**	**100**	<1.0	1.0	**3.8**	**--**
MW-13	R3	10/8/2019	**3,200**	**29**	61	<1.0	1.0	1.7	--
MW-13	R3	4/6/2020	**7,500**	**35**	**70**	<1.0	1.0	**2.1**	**--**
MW-13	R3	10/21/2020	**1,900**	**43**	**100**	<1.0	1.0	<1.0	--
MW-13	Quantum	7/22/2021	**9,800**	**43**	**88**	<1.0	<1.0	1.4	**383**
MW-13	Quantum	8/23/2021	**13,000**	**16**	56	<1.0	<1.0	<1.0	**410**
MW-13	Quantum	10/7/2021	**11,000**	**17**	27	<1.0	<1.0	<1.0	**536**
MW-13	Quantum	12/8/2021	**13,000**	**72**	**130**	<1.0	2.2	**3.1**	**414**
MW-13	Quantum	3/25/2022	**9,900**	**33**	**83**	<1.0	<1.0	1.1	**478**
MW-13	ERO	1/26/2023	**6,880**	**44**	**87**	<10.0	<10.0	<10.0	**494**
MW-13	ERO	4/25/2023	**7,760**	**46**	**78**	0.445 J	0.933 J	**1.48**	**466**
MW-13	ERO	7/14/2023	**6,650**	**48.5 J**	**94.3 J**	<200	<200	<200	**471**
MW-13	ERO	10/17/2023	**4,550**	<200	<200	<200	<200	<200	**458**
MW-14	Freedom	3/22/2006	**5,600**	**30**	66	NR	NR	NR	--
MW-14	Freedom	6/28/2006	**2,200**	**34**	**70**	NR	NR	NR	--
MW-14	Freedom	10/12/2006	**1,200**	**7.3**	10	NR	NR	NR	--
MW-14	Freedom	1/20/2007	**4,900**	**22**	44	NR	NR	NR	--
MW-14	Freedom	4/20/2007	**5,800**	**31**	64	NR	NR	NR	--
MW-14	Freedom	7/17/2007	**4,000**	**22**	33	NR	NR	NR	--
MW-14	Freedom	6/13/2008	**8,400**	**25**	58	NR	NR	NR	--
MW-14	Freedom	10/3/2008	**1,800**	**6.4**	12	NR	NR	NR	--
MW-14	LTE	3/30/2009	**630**	**4.3**	6.6	<1.0	<1.0	<2.0	--
MW-14	LTE	6/30/2009	**3,700**	**22**	49	<1.0	<1.0	<2.0	--
MW-14	LTE	10/14/2009	**9,000**	**42**	**96**	<1.0	<1.0	<1.0	--
MW-14	LTE	12/15/2009	**6,500**	**42**	**90**	<1.0	1.1	<1.0	**--**
MW-14	LTE	3/31/2010	**5,400**	**21**	46	<1.0	<1.0	<1.0	--
MW-14	LTE	3/21/2012	**1,600**	2.8	6.8	<1.0	<1.0	<1.0	--
MW-14	LTE	6/14/2012	**470**	2.6	6.0	<1.0	<1.0	<1.0	--
MW-14	LTE	9/13/2012	**4,850**	**30**	**71**	<1.0	<1.0	<1.0	--
MW-14	LTE	12/13/2012	**1,620**	**13**	29	<1.0	<1.0	<1.0	--
MW-14	LTE	3/20/2013	**3,160**	**10**	23	<1.0	<1.0	<1.0	--
MW-14	LTE	10/24/2013	**5,810**	**25**	48	<1.0	<1.0	<1.0	--
MW-14	LTE	4/21/2014	**9,360**	**35**	68	<1.0	<1.0	<1.0	--
MW-14	LTE	4/21/2014	**11,100**	**37**	**70**	<1.0	<1.0	<1.0	--
MW-14	LTE	10/20/2014	**11,100**	**42**	**90**	<1.0	<1.0	<1.0	--
MW-14	LTE	2/11/2015	**4,310**	**21**	40	<1.0	<1.0	<1.0	--
MW-14	LTE	10/7/2015	**9,850**	**33**	69	<1.0	<1.0	<1.0	--
MW-14	LTE	4/14/2016	**61**	2.3	3.9	<1.0	<1.0	<1.0	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-14	LTE	4/14/2016	**384**	2.2	3.6	<1.0	<1.0	<1.0	--
MW-14	LTE	10/13/2016	**1,870**	**21**	40	<1.0	<1.0	<1.0	--
MW-14	LTE	4/12/2017	**850**	**5.3**	9	<1.0	<1.0	<1.0	--
MW-14	LTE	10/25/2017	**10,600**	**48**	**92**	<1.0	<1.0	<1.0	--
MW-14	LTE	5/24/2018	**9,680**	**33**	67	**1.2**	1.2	<1.0	--
MW-14	R3	10/12/2018	**14,000**	**44**	**83**	<1.0	<1.0	1.2	--
MW-14	R3	4/8/2019	**8,500**	**30**	62	<1.0	<1.0	1.2	--
MW-14	R3	10/8/2019	**3,100**	**17**	38	<1.0	<1.0	1.2	--
MW-14	R3	4/6/2020	**4,000**	**21**	41	<1.0	<1.0	1.1	--
MW-14	R3	10/20/2020	**4,000**	**16**	37	<1.0	<1.0	<1.0	**--**
MW-14	Quantum	12/8/2021	**15,000**	**63**	**130**	<1.0	1.5	<1.0	**295**
MW-14	Quantum	3/28/2022	**10,000**	**21**	37	<1.0	<1.0	<1.0	**338**
MW-14	Quantum [p]	10/7/2021	**9,600**	**47**	**88**	<1.0	<1.0	<1.0	**418**
MW-14	Quantum [p]	7/22/2021	**14,000**	**43**	**94**	<1.0	<1.0	<1.0	**307**
MW-14	Quantum [p]	8/23/2021	**16,000**	**15**	53	<1.0	<1.0	<1.0	**270**
MW-14	ERO	1/26/2023	**4,440**	**32**	58	<10.0	<10.0	<10.0	**369**
MW-14	ERO	4/25/2023	**1,970**	**10.1**	11.3	0.174 J	<1.00	<1.00	**500**
MW-14	ERO	7/13/2023	**12,600**	**36.1 J**	62.8 J	<100	<100	<100	**405**
MW-14	ERO	10/17/2023	**5,060**	**23.4 J**	52.4 J	<100	<100	<100	**425**
MW-15	Freedom	5/3/2006	**920**	**11**	38	NR	NR	NR	--
MW-15	Freedom	6/28/2006	**1,200**	**14**	38	NR	NR	NR	--
MW-15	Freedom	10/12/2006	**1,500**	**16**	33	NR	NR	NR	--
MW-15	Freedom	1/20/2007	**290**	**13**	34	NR	NR	NR	--
MW-15	Freedom	4/20/2007	**1,600**	**17**	46	NR	NR	NR	--
MW-15	Freedom	7/17/2007	**1,700**	**16**	34	NR	NR	NR	--
MW-15	Freedom	6/13/2008	**3,400**	**16**	49	NR	NR	NR	--
MW-15	Freedom	10/3/2008	**1,060**	**13**	32	NR	NR	NR	--
MW-15	LTE	3/30/2009	**1,500**	**15**	36	1.2	<1.0	<2.0	--
MW-15	LTE	6/30/2009	**2,300**	**13**	33	<1.0	<1.0	<2.0	--
MW-15	LTE	10/14/2009	**2,500**	**15**	42	<1.0	<1.0	<1.0	--
MW-15	LTE	12/15/2009	**1,900**	**15**	37	<1.0	<1.0	<1.0	**--**
MW-15	LTE	3/31/2010	**1,700**	**16**	45	<1.0	<1.0	<1.0	--
MW-15	LTE	3/21/2012	**2,600**	**9.8**	35	<1.0	<1.0	<1.0	--
MW-15	LTE	6/14/2012	**2,100**	**14**	44	<1.0	<1.0	<1.0	--
MW-15	LTE	9/13/2012	**1,840**	**13**	40	<1.0	<1.0	<1.0	--
MW-15	LTE	12/13/2012	**1,730**	**14**	40	<1.0	<1.0	<1.0	--
MW-15	LTE	3/20/2013	**2,410**	**12**	37	<1.0	<1.0	<1.0	--
MW-15	LTE	10/24/2013	**2,140**	**12**	33	<1.0	<1.0	<1.0	--
MW-15	LTE	4/22/2014	**2,550**	**15**	42	<1.0	<1.0	<1.0	--
MW-15	LTE	10/20/2014	**2,850**	**13**	38	<1.0	<1.0	<1.0	--
MW-15	LTE	10/20/2014	**2,940**	**13**	37	<1.0	<1.0	<1.0	--
MW-15	LTE	2/11/2015	**1,620**	**9.8**	29	<1.0	<1.0	<1.0	--
MW-15	LTE	10/7/2015	**2,270**	**11**	31	<1.0	<1.0	<1.0	--
MW-15	LTE	4/14/2016	**1,660**	**11**	28	<1.0	<1.0	<1.0	--
MW-15	LTE	10/13/2016	**1,080**	9.1	29	<1.0	<1.0	<1.0	--
MW-15	LTE	4/12/2017	**1,590**	**12**	25	<1.0	<1.0	<1.0	--
MW-15	LTE	10/25/2017	**3,100**	**13**	35	<1.0	<1.0	<1.0	--
MW-15	LTE	5/23/2018	**2,500**	**12**	29	<1.0	<1.0	<1.0	--
MW-15	R3	10/11/2018	**3,500**	**13**	32	<1.0	<1.0	<1.0	--
MW-15	R3	4/8/2019	**1,700**	**12**	<1.0	<1.0	<1.0	<1.0	--
MW-15	R3	10/8/2019	**1,900**	4.8	16	<1.0	<1.0	<1.0	--
MW-15	R3	4/7/2020	**2,100**	**5.1**	18	<1.0	<1.0	<1.0	--
MW-15	R3	10/21/2020	**1,400**	**7.9**	22	<1.0	<1.0	<1.0	**--**
MW-15	Quantum	12/8/2021	**2,600**	**14**	31	<1.0	<1.0	<1.0	**434**
MW-15	Quantum	3/28/2022	**1,600**	**6.3**	11	<1.0	<1.0	<1.0	**428**
MW-15	Quantum [p]	10/7/2021	**1,500**	**9.7**	21	<1.0	<1.0	<1.0	**537**
MW-15	Quantum [p]	7/22/2021	**2,400**	**8.4**	22	<1.0	<1.0	<1.0	51.0
MW-15	Quantum [p]	8/23/2021	**4,100**	2.0	9.6	<1.0	<1.0	<1.0	**389**
MW-15	ERO	1/26/2023	**1,470**	**10.4**	18.3	<1.00	<1.00	<1.00	**601**
MW-15	ERO	4/25/2023	**270**	3.51	4.01	<1.00	<1.00	<1.00	**553**

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-15	ERO	7/13/2023	**2,050**	**10.9**	15.9	<10.0	<10.0	<10.0	**596**
MW-15	ERO	10/17/2023	**1,710**	**11.5**	17.9	<10.0	<10.0	<10.0	**591**
MW-16	Freedom	5/3/2006	**130**	ND	8.4	NR	NR	NR	--
MW-16	Freedom	6/28/2006	**190**	**6.6**	9.5	NR	NR	NR	--
MW-16	Freedom	10/12/2006	**170**	**6.5**	9.1	NR	NR	NR	--
MW-16	Freedom	1/20/2007	**160**	3.2	ND	NR	NR	NR	--
MW-16	Freedom	4/20/2007	**280**	4.9	11	NR	NR	NR	--
MW-16	Freedom	7/17/2007	**610**	4.8	13	NR	NR	NR	--
MW-16	Freedom	6/13/2008	**210**	4.4	11	NR	NR	NR	--
MW-16	Freedom	10/3/2008	**213**	4.5	11	NR	NR	NR	--
MW-16	LTE	3/30/2009	**88**	2.7	6.9	<1.0	<1.0	<2.0	--
MW-16	LTE	6/30/2009	**240**	3.3	<1.0	<1.0	<1.0	<2.0	--
MW-16	LTE	10/14/2009	**250**	3.1	9.6	<1.0	<1.0	<1.0	--
MW-16	LTE	12/15/2009	**220**	3.8	10	<1.0	<1.0	<1.0	**--**
MW-16	LTE	3/31/2010	**150**	4.4	9.9	<1.0	<1.0	<1.0	--
MW-16	LTE	3/21/2013	**179**	4.1	11	<0.5	<0.5	<0.5	--
MW-16	LTE	2/11/2015	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-16	LTE	9/6/2016	**78**	4.6	3.8	<0.5	<0.5	<0.5	--
MW-16	Quantum	12/8/2021	**110**	4.8	4.8	<1.0	<1.0	<1.0	--
MW-16	Quantum	3/22/2022	8.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-16	ERO	1/24/2023	**164**	**6.2**	6.9	<1.00	<1.00	<1.00	--
MW-16	ERO	1/24/2023	**150**	**9.3**	9.3	<1.00	<1.00	<1.00	--
MW-16	ERO	4/25/2023	**134**	**5.54**	8.13	<1.00	<1.00	<1.00	--
MW-16	ERO	7/13/2023	**111**	2.78	3.25	<1.00	<1.00	<1.00	--
MW-16	ERO	7/13/2023	**107**	2.56	2.91	<1.00	<1.00	<1.00	--
MW-16	ERO	10/17/2023	**178**	3.98	4.96	<1.00	<1.00	<1.00	--
MW-16	ERO	10/17/2023	**185**	4.8	5.81	<1.00	<1.00	<1.00	--
MW-17	Freedom	5/3/2006	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	6/28/2006	1.3	2.5	ND	NR	NR	NR	--
MW-17	Freedom	10/12/2006	2.9	4.1	ND	NR	NR	NR	--
MW-17	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	**--**
MW-17	LTE	3/30/2009	**11**	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-17	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-17	LTE	10/14/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	LTE	3/31/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	RETTEW	3/22/2019	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-17	Quantum	12/9/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	Quantum	3/28/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	ERO	1/23/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-17	ERO	4/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-17	ERO	7/12/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-17	ERO	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-18	LTE	7/27/2011	**250**	2.5	3.7	<1.0	<1.0	<1.0	--
MW-18	LTE	3/19/2013	**29**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-18	LTE	4/21/2014	**230**	4.7	3.6	<1.0	<1.0	<1.0	--
MW-18	LTE	2/11/2015	**17**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-18	LTE	4/13/2016	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-18	LTE	4/12/2017	**206**	**3**	<1.0	<1.0	<1.0	<1.0	--
MW-18	LTE	5/23/2018	**162**	4.2	2.6	<1.0	<1.0	<1.0	**--**
MW-18	R3	10/11/2018	**480**	**7.4**	4.4	<1.0	<1.0	<1.0	--
MW-18	R3	4/8/2019	**550**	**7.1**	5.3	<1.0	<1.0	<1.0	--
MW-18	R3	10/8/2019	**3,900**	**36**	2.6	<1.0	<1.0	<1.0	--
MW-18	R3	4/7/2020	**2,500**	**24**	2.1	<1.0	<1.0	<1.0	--
MW-18	R3	10/20/2020	**270**	3	1.9	<1.0	<1.0	<1.0	--
MW-18	Quantum	7/19/2021	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	1/22/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-18	ERO	4/24/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	7/28/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	BOS
MW-18	ERO	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	LTE	7/7/2011	**510**	3.8	3.2	<1.0	<1.0	<1.0	--
MW-19	LTE	3/19/2013	**515**	**14**	5.1	<1.0	<1.0	<1.0	--
MW-19	LTE	4/22/2014	**717**	**19**	6.3	<1.0	<1.0	<1.0	--
MW-19	LTE	2/10/2015	**496**	**11**	4.6	<1.0	<1.0	<1.0	--
MW-19	LTE	10/12/2016	**492**	**17**	4.7	<0.5	<0.5	<0.5	--
MW-19	LTE	4/12/2017	**578**	**21**	4.7	<1.0	<1.0	<1.0	--
MW-19	LTE	5/23/2018	**772**	**20**	5.8	<1.0	<1.0	<1.0	**--**
MW-19	R3	10/11/2018	**1,100**	**14**	7.1	<1.0	<1.0	<1.0	--
MW-19	RETTEW	2/28/2019	**750**	**27.4**	6.8	0.435	<1.00	<1.00	--
MW-19	R3	4/5/2019	**1,000**	**19**	5.4	<1.0	<1.0	<1.0	--
MW-19	R3	10/7/2019	**4,500**	**120**	2.4	<1.0	<1.0	<1.0	--
MW-19	R3	4/7/2020	**3,000**	**100**	2.4	<1.0	<1.0	<1.0	--
MW-19	R3	10/20/2020	**10,000**	**56**	**100**	<1.0	1.3	4.1	--
MW-19	Quantum	7/19/2021	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	1/22/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	4/24/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	7/28/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	BOS
MW-19	ERO	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	LTE	7/11/2011	**140**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	3/19/2013	**32**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	4/21/2014	**38**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	2/11/2015	**31**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	4/13/2016	**22**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	4/12/2017	**45**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	5/23/2018	**31**	1.4	<1.0	<1.0	<1.0	<1.0	**--**
MW-20	R3	10/12/2018	**110**	1.4	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	4/5/2019	**78**	1.2	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	10/7/2019	**47**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	4/7/2020	**35**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	10/21/2020	**79**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	Quantum	7/19/2021	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	1/22/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	4/24/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	7/12/2023	5.04	<1.00	<1.00	<1.00	<1.00	<1.00	BOS
MW-20	ERO	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-21	LTE	8/3/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	3/19/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	4/22/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	2/10/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	2/10/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	4/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	4/12/2017	7.5	<1.0	<1.0	<1.0	<1.0	<1.0	**--**
MW-21	LTE	5/10/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	5/10/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	5/22/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	10/11/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	4/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	10/7/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	4/7/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	10/21/2020	NS	NS	NS	NS	NS	NS	--
MW-21	Quantum	12/7/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	Quantum	3/23/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	ERO	1/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-21	ERO	4/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-21	ERO	7/12/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-21	ERO	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-22	LTE	5/30/2018	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	10/11/2018	8.9	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-22	R3	4/8/2019	**190**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	10/7/2019	6.4	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	4/7/2020	7.8	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	10/21/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	Quantum	12/13/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	Quantum	3/25/2022	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	ERO	1/24/2023	0.565 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-22	ERO	4/24/2023	0.626 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-22	ERO	7/12/2023	0.486 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-22	ERO	10/16/2023	0.543 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-22D 30-35'	LTE	11/8/2016	**4,290**	**42**	51	<5.0	<5.0	<5.0	--
MW-22D 30-35'	Quantum	12/13/2021	**7,200**	**28**	1.4	<1.0	<1.0	<1.0	--
MW-22D 30-35'	Quantum	3/25/2022	**7,300**	**14**	1.7	<1.0	<1.0	<1.0	--
MW-22D 30-35'	ERO	1/27/2023	**6,650**	**20**	2.1	<1.00	<1.00	<1.00	--
MW-22D 30-35'	ERO	4/25/2023	**4,960**	**20.9**	1.9	<1.00	<1.00	<1.00	--
MW-22D 30-35'	ERO	7/13/2023	**18,300**	<200	<200	<200	<200	<200	--
MW-22D 30-35'	ERO	10/17/2023	**4,670**	<200	<200	<200	<200	<200	--
MW-22D 35-40'	LTE	11/8/2016	**2,320**	**15**	<5.0	<5.0	<5.0	<5.0	--
MW-22D 35-40'	Quantum	12/13/2021	**4,900**	**36**	20	<1.0	<1.0	<1.0	--
MW-22D 35-40'	Quantum	3/25/2022	**10,000**	**18**	14	<1.0	<1.0	<1.0	--
MW-22D 35-40'	ERO	1/24/2023	**5,620**	**24**	10	<1.00	<1.00	<1.00	--
MW-22D 35-40'	ERO	4/25/2023	**4,010**	**17.5**	9.41	<1.00	<1.00	<1.00	--
MW-22D 35-40'	ERO	7/13/2023	**9,120**	<200	<200	<200	<200	<200	--
MW-22D 35-40'	ERO	10/17/2023	**4,680**	<200	<200	<200	<200	<200	--
MW-22D 41-46'	LTE	11/8/2016	**6,680**	<25	<25	<25	<25	<25	--
MW-22D 41-46'	Quantum	12/13/2021	**6,100**	**16**	7.2	<1.0	<1.0	<1.0	--
MW-22D 41-46'	Quantum	3/25/2022	**6,500**	**10**	4.8	<1.0	<1.0	<1.0	--
MW-22D 41-46'	ERO	1/27/2023	**2,970**	**11.8**	5.1	<1.00	<1.00	<1.00	--
MW-22D 41-46'	ERO	4/25/2023	**3,640**	**17**	5.06	<1.00	<1.00	<1.00	--
MW-22D 41-46'	ERO	4/25/2023	**4,640**	**15.9**	4.75	<1.00	<1.00	<1.00	--
MW-22D 41-46'	ERO	7/13/2023	**15,400**	<200	<200	<200	<200	<200	--
MW-22D 41-46'	ERO	7/13/2023	**15,800**	<200	<200	<200	<200	<200	--
MW-22D 41-46'	ERO	10/17/2023	**3,200**	<200	<200	<200	<200	<200	--
MW-22D 41-46'	ERO	10/17/2023	**2,810**	<200	<200	<200	<200	<200	--
MW-22D 48-53'	LTE	11/8/2016	**3,680**	**39**	11	<5.0	<5.0	<5.0	--
MW-22D 48-53'	Quantum	12/13/2021	**4,600**	**24**	2.9	<1.0	<1.0	<1.0	--
MW-22D 48-53'	Quantum	3/25/2022	**3,700**	**15**	2.1	<1.0	<1.0	<1.0	--
MW-22D 48-53'	ERO	1/24/2023	**4,280**	**33.7**	1.53	<1.00	<1.00	<1.00	--
MW-22D 48-53'	ERO	4/25/2023	**3,760**	**25.4**	1.33	<1.00	0.202 J	<1.00	--
MW-22D 48-53'	ERO	7/13/2023	**7,090**	**22.3 J**	<100	<100	<100	<100	--
MW-22D 48-53'	ERO	10/17/2023	**3,500**	<100	<100	<100	<100	<100	--
MW-22D 55-60'	LTE	11/8/2016	**72,800**	**38**	<5.0	<5.0	<5.0	<5.0	--
MW-22D 55-60'	Quantum	12/13/2021	**1,100,000**	**65**	<1.0	<1.0	**24**	<1.0	--
MW-22D 55-60'	Quantum	3/24/2022	**75,000**	<1,000	<1,000	<1,000	<1,000	<1,000	--
MW-22D 55-60'	ERO	1/27/2023	**103,000**	**52**	<10.0	<10.0	6.42 J	<10.0	--
MW-22D 55-60'	ERO	4/25/2023	**98,900**	**51.5**	0.272 J	<1.00	**7.76**	<1.00	--
MW-22D 55-60'	ERO	7/12/2023	**13,600**	<100	<100	<100	<100	<100	--
MW-22D 55-60'	ERO	10/17/2023	**104,000**	<100	<100	<100	<100	<100	--
MW-22D 72.5-75'	LTE	11/8/2016	8.0	1.5	<0.5	<0.5	<0.5	<0.5	--
MW-22D 72.5-75'	Quantum	12/13/2021	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	Quantum	3/24/2022	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	1/23/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	4/24/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	7/12/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	10/16/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23	LTE	5/23/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	10/11/2018	4.9	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	4/5/2019	8.6	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	10/8/2019	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	4/7/2020	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	10/21/2020	**22**	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-23	Quantum[p]	10/7/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	198
MW-23	Quantum[p]	7/22/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	146
MW-23	Quantum[p]	8/23/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	160
MW-23	Quantum	12/8/2021	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	191
MW-23	Quantum	3/25/2022	7.4	<1.0	<1.0	<1.0	<1.0	<1.0	212
MW-23	ERO	1/24/2023	5.0	<1.00	<1.00	<1.00	<1.00	<1.00	238
MW-23	ERO	4/24/2023	4.12	0.599 J	0.127 J	<1.00	<1.00	<1.00	199
MW-23	ERO	7/12/2023	2.99	<1.00	<1.00	<1.00	<1.00	<1.00	187
MW-23	ERO	10/16/2023	3.4	<1.00	<1.00	<1.00	<1.00	<1.00	211
MW-23D 31-33.5'	LTE	11/8/2016	**608**	<5.0	<5.0	<5.0	<5.0	<5.0	--
MW-23D 31-33.5'	Quantum	12/10/2021	**170**	3.1	1.6	<1.0	<1.0	<1.0	--
MW-23D 31-33.5'	Quantum	3/25/2022	**71**	2.2	2.4	<1.0	<1.0	<1.0	--
MW-23D 31-33.5'	ERO	1/24/2023	**121**	2.8	1.7	<1.00	<1.00	<1.00	--
MW-23D 31-33.5'	ERO	4/24/2023	**103**	2.63	2.43	<1.00	<1.00	<1.00	--
MW-23D 31-33.5'	ERO	7/14/2023	**310**	3.96	4.08	<1.00	<1.00	<1.00	--
MW-23D 31-33.5'	ERO	10/16/2023	**192**	3.02	3.1	<1.00	<1.00	<1.00	--
MW-23D 35-40'	LTE	10/25/2016	**3,930**	**22**	13	<5.0	<5.0	<5.0	--
MW-23D 41-46'	LTE	10/25/2016	**1,480**	**9.5**	23	<5.0	<5.0	<5.0	--
MW-23D 47-52'	LTE	11/8/2016	**2,090**	**15**	36	<5.0	<5.0	<5.0	--
MW-23D 47-52'	Quantum	12/10/2021	**150**	**16**	17	<1.0	<1.0	<1.0	--
MW-23D 47-52'	Quantum	3/25/2022	**100**	**9.8**	7.5	<1.0	<1.0	<1.0	--
MW-23D 47-52'	ERO	1/24/2023	**190**	**12.8**	5.0	<1.00	<1.00	<1.00	--
MW-23D 47-52'	ERO	4/24/2023	**181**	**10.1**	4.31 J	<10.0	<10.0	<10.0	--
MW-23D 47-52'	ERO	7/13/2023	**--**	--	--	--	--	--	--
MW-23D 47-52'	ERO	7/19/2023	**102**	4.99	1.37	<1.0	<1.0	<1.0	--
MW-23D 47-52'	ERO	7/19/2023	**136**	**7.62**	3.12	<1.0	<1.0	<1.0	--
MW-23D 47-52'	ERO	10/16/2023	**149**	**8.49**	2.55	<1.0	<1.0	<1.0	--
MW-23D 56.5-61.5'	LTE	10/26/2016	**1,260**	**7.7**	8.0	<5.0	<5.0	<5.0	--
MW-23D 56.5-61.5'	Quantum	12/10/2021	**440**	**9.7**	<1.0	<1.0	<1.0	<1.0	--
MW-23D 56.5-61.5'	Quantum	3/25/2022	**140**	**5.3**	<1.0	<1.0	<1.0	<1.0	--
MW-23D 56.5-61.5'	ERO	1/24/2023	**182**	**6.8**	0.287 J	<1.00	<1.00	<1.00	--
MW-23D 56.5-61.5'	ERO	4/24/2023	**186**	**6.01 J**	<10.0	<10.0	<10.0	<10.0	--
MW-23D 56.5-61.5'	ERO	7/14/2023	**94.2**	3.13 J	<10.0	<10.0	<10.0	<10.0	--
MW-23D 56.5-61.5'	ERO	10/16/2023	**166**	3.97	0.147 J	<1.00	<1.00	<1.00	--
MW-23D 64-74'	LTE	11/8/2016	**51**	<0.5	<0.5	<0.5	<0.5	<0.5	--
MW-23D 64-74'	Quantum	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	1/24/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	4/24/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	7/12/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	10/16/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-24	LTE	5/23/2018	**748**	**6.7**	7.7	<1.0	<1.0	<1.0	--
MW-24	R3	10/11/2018	**1,600**	**9.8**	13	<1.0	<1.0	<1.0	--
MW-24	R3	4/5/2019	**1,800**	**8.2**	11	<1.0	<1.0	<1.0	--
MW-24	R3	10/7/2019	**13,000**	**120**	5.8	<1.0	<1.0	<1.0	--
MW-24	R3	4/7/2020	**11,800**	**110**	5.8	<1.0	<1.0	<1.0	--
MW-24	R3	10/20/2020	**1,400**	**9**	12	<1.0	<1.0	<1.0	--
MW-24	Quantum	10/8/2021	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	1/22/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	4/24/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	7/28/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	BOS
MW-24	ERO	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-25	LTE	5/24/2018	**274**	**19**	2.4	<1.0	<1.0	<1.0	--
MW-25	R3	10/11/2018	**110**	**6.7**	<1.0	<1.0	<1.0	<1.0	**--**
MW-25	R3	4/5/2019	**110**	**7.0**	<1.0	<1.0	<1.0	<1.0	--
MW-25	R3	10/7/2019	**4,200**	**15**	2.0	<1.0	<1.0	<1.0	--
MW-25	R3	4/7/2020	**2,200**	**17**	3.0	<1.0	<1.0	<1.0	--
MW-25	R3	10/20/2020	**270**	**20**	1.9	<1.0	<1.0	<1.0	--
MW-25	Quantum	12/7/2021	**180**	**15**	1.6	<1.0	<1.0	<1.0	--
MW-25	Quantum	3/24/2022	**380**	**36**	<10	<10	<10	<10	--
MW-25	ERO	1/26/2023	**276**	**42**	3.4	0.287 J	<1.00	<1.00	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17 [n]*	*5 [n]*	*70 [n]*	*140 [n]*	*7 [n]*	*2 [n]*	*250 [o]*
		Sample Date							
MW-25	ERO	4/25/2023	**244**	**38.1**	2.94	0.188 J	<1.00	<1.00	--
MW-25	ERO	7/13/2023	**232**	**16.5**	<10.0	<10.0	<10.0	<10.0	--
MW-25	ERO	10/17/2023	**270**	**21.5**	<10.0	<10.0	<10.0	<10.0	--
MW-26D	RETTEW	3/22/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-26D	Quantum[p]	7/22/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**418**
MW-26D	Quantum[p]	8/23/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	57.6
MW-26D	Quantum[p]	10/7/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	79.4
MW-26D	Quantum	12/9/2021	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	93.2
MW-26D	Quantum	3/25/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	73.2
MW-26D	ERO	1/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	98.3
MW-26D	ERO	4/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	84.8
MW-26D	ERO	7/14/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	82.2
MW-26D	ERO	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	84.6
MW-27	RETTEW	4/4/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-27	Quantum	12/6/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-27	Quantum	3/22/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-27	ERO	1/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-27	ERO	4/24/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-27	ERO	7/12/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-27	ERO	10/16/2023	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-28	RETTEW	4/4/2019	0.668	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-28	ERO	1/24/2023	3.330	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-28	ERO	4/24/2023	2.51	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-28	ERO	7/12/2023	2.22	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-28	ERO	10/16/2023	8.68	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-29	RETTEW	4/4/2019	**535**	24.5	5.65	1.37	<1.0	<1.0	--
MW-29	Quantum	12/7/2021	**600**	**16**	4.8	1.4	<1.0	<1.0	--
MW-29	Quantum	3/23/2022	**770**	**130**	<1.0	<1.0	<1.0	<1.0	--
MW-29	ERO	2/20/2023	**744**	**42**	7.3	3.7	<1.00	<1.00	--
MW-29	ERO	4/25/2023	**722**	**45.3**	8.29	4.58	<1.00	<1.00	--
MW-29	ERO	7/13/2023	**900**	**34.9**	4.54 J	<20.0	<20.0	<20.0	--
MW-29	ERO	10/17/2023	**550**	**33.9**	3.33 J	<20.0	<20.0	<20.0	--
MW-30	RETTEW	4/4/2019	**177**	3.57	0.547	<1.0	<1.0	<1.0	--
MW-30	Quantum	12/7/2021	**93**	2.1	<1.0	<1.0	<1.0	<1.0	--
MW-30	Quantum	3/23/2022	**170**	**17**	<1.0	<1.0	<1.0	<1.0	--
MW-30	ERO	1/26/2023	**207**	**6**	0.948 J	<1.00	<1.00	<1.00	--
MW-30	ERO	4/25/2023	**188**	**5.55**	0.761 J	<1.00	<1.00	<1.00	--
MW-30	ERO	7/13/2023	**280**	4.47 J	<10.0	<10.0	<10.0	<10.0	--
MW-30	ERO	10/17/2023	**165**	4.41 J	<10.0	<10.0	<10.0	<10.0	--
MW-31	RETTEW	4/4/2019	14.4	1.7	<1.0	<1.0	<1.0	<1.0	--
MW-31	Quantum	12/6/2021	**20**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-31	Quantum	3/23/2022	**29**	**11**	<1.0	<1.0	<1.0	<1.0	--
MW-31	ERO	1/25/2023	**23**	2.7	0.752 J	<1.00	<1.00	<1.00	--
MW-31	ERO	4/24/2023	14.4	3.72	0.401 J	<1.00	<1.00	<1.00	--
MW-31	ERO	7/13/2023	**45.2**	4.69	5.61	<1.00	<1.00	<1.00	--
MW-31	ERO	10/17/2023	14.3	2.2	0.288 J	<1.00	<1.00	<1.00	--
MW-32	Quantum	12/7/2021	4.2	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-32	Quantum	3/23/2022	6.3	2.9	<1.0	<1.0	<1.0	<1.0	--
MW-32	ERO	1/24/2023	11.5	1.6	0.253 J	<1.00	<1.00	<1.00	--
MW-32	ERO	4/24/2023	3.52	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-32	ERO	7/12/2023	14.1	1.31	0.308 J	<1.00	<1.00	<1.00	--
MW-32	ERO	10/16/2023	**17.5**	2.26	0.665 J	<1.00	<1.00	<1.00	--
MW-33	Quantum	12/7/2021	**64**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-33	Quantum	3/23/2022	**66**	**5.3**	<1.0	<1.0	<1.0	<1.0	--
MW-33	ERO	1/26/2023	**46**	1.8	0.309 J	<1.00	<1.00	<1.00	--
MW-33	ERO	4/25/2023	**49**	1.51	0.192 J	<1.00	<1.00	<1.00	--
MW-33	ERO	7/13/2023	**81.4**	2.81	0.333 J	<1.00	<1.00	<1.00	--
MW-33	ERO	10/17/2023	**70**	2.08	<1.00	<1.00	<1.00	<1.00	--
MW-34	Quantum	12/7/2021	**35**	**67**	27	20	<1.0	<1.0	--
MW-34	Quantum	3/23/2022	**58**	**370**	<1.0	<1.0	<1.0	<1.0	--

Table 8. Historical groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-34	ERO	1/26/2023	**49**	**110**	39.9 J	26	<1.00	<1.00	--
MW-34	ERO	4/25/2023	**47**	**109**	39.4	26.3	<1.00	<1.00	--
MW-34	ERO	7/13/2023	**65.5**	**114**	40.6	26.7	0.53 J	**0.872 J**	--
MW-34	ERO	10/17/2023	**75.4**	**117**	42.4	25	0.479 J	**0.39 J**	--
MW-35	Quantum	12/7/2021	**290**	3.9	1.6	<1.0	<1.0	<1.0	--
MW-35	Quantum	3/23/2022	**380**	**31**	<1.0	<1.0	<1.0	<1.0	--
MW-35	ERO	1/26/2023	**311**	**9.0**	2.5	<1.00	<1.00	<1.00	--
MW-35	ERO	1/26/2023	**352**	**8.9**	2.4	<1.00	<1.00	<1.00	--
MW-35	ERO	4/25/2023	**286**	**6.57**	1.83	<1.00	<1.00	<1.00	--
MW-35	ERO	7/13/2023	**222**	2.46 J	<10.0	<10.0	<10.0	<10.0	--
MW-35	ERO	10/17/2023	**91.8**	1.97	0.532 J	<1.00	<1.00	<1.00	--
TMW-10	RETTEW	3/8/2019	9.69	1.24	<1.0	<1.0	<1.0	<1.0	--
TMW-2	RETTEW	3/8/2019	**122**	4.69	0.913	<1.0	<1.0	<1.0	--
TMW-3	RETTEW	3/7/2019	**595**	**9.16**	4.87	<1.0	<1.0	<1.0	--
TMW-4	RETTEW	3/8/2019	**787**	**31.9**	8.83	1.95	<1.0	<1.0	--
TMW-5	RETTEW	3/7/2019	**824**	**25.0**	9.48	<1.0	<1.0	<1.0	--
TMW-7	RETTEW	3/7/2019	**70.8**	2.44	<1.0	<1.0	<1.0	<1.0	--

Shaded - Most recent sampling

Blue highlighted cell indicates that the constituent was detected in the water sample at a concentration greater than the lab reporting limit

Bold value indicates that the constituent was detected in the water sample at a concentration greater than the CBGWS

DRY = Well is dry at time of sampling event

ual to the laboratory reporting limit. Associated value is the laboratory reporting limit for that constituent, in that water sample.

[a] µg/L = micrograms per liter

[b] mg/L = milligrams per liter

reedom Environmental Constultants, Inc.

[d] LTE = LT Environmental, Inc.

Remediation Risk Reduction, LLC

TTEW = Rettew Associates, Inc.

m = Quantum Water & Environment

[h] ND = no detection

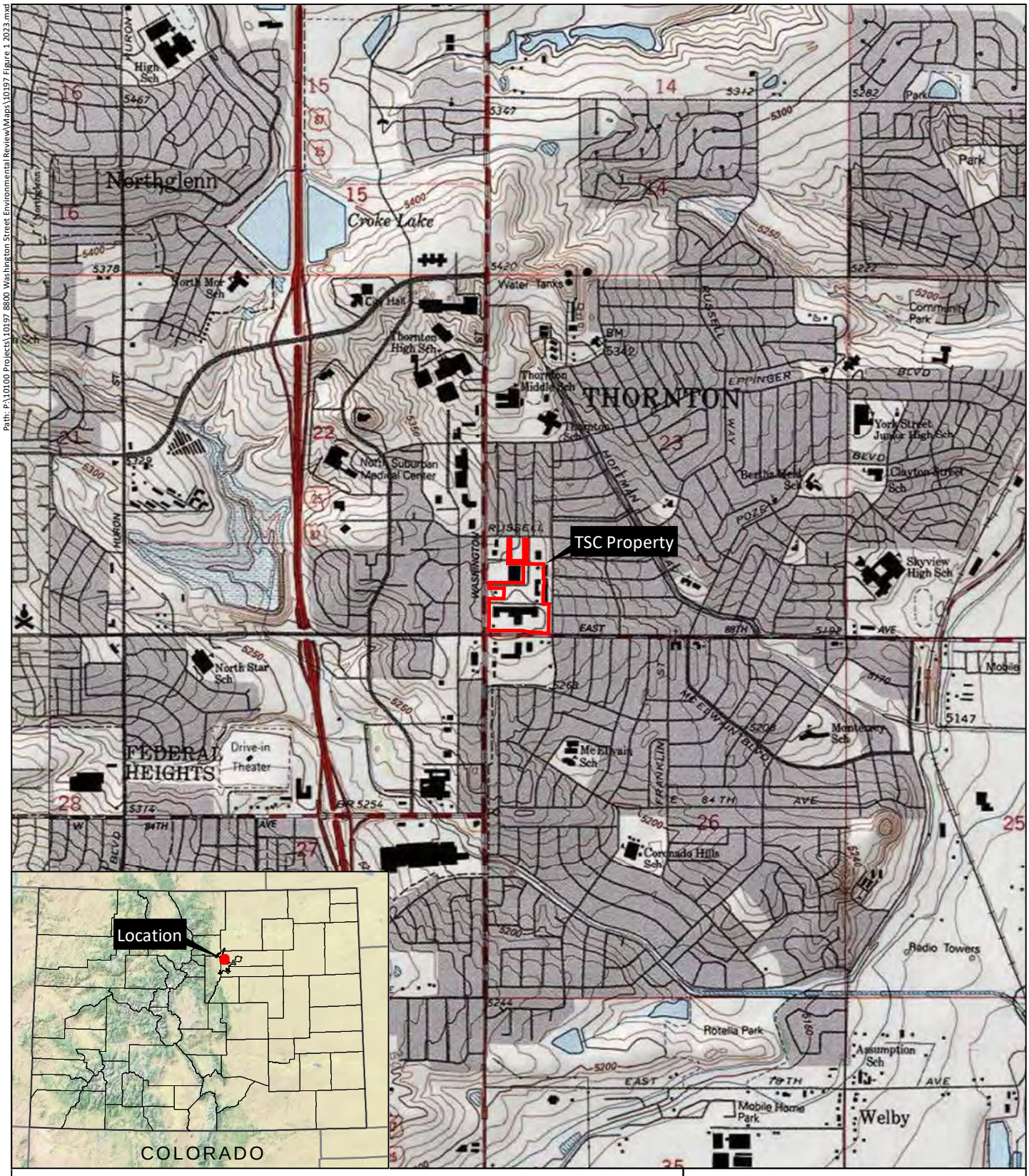
not reported in previous reports

ater sample was not analyzed for the constituent indicated.

ommission Regulation No. 41: The Basic Standards for Ground Water, Table A (June 30, 2020).

rt of Post-Injection Monitoring after BOS-100 injections.

r Quality Control Commission Regulation No. 41: The Basic Standards for Ground Water, Table 2 - Domestic Water Supply Well - D



Thornton Shopping Center

Section 23, T2S, R68W; 6th PM

UTM NAD 83: Zone 13N; 502054mE, 4411959mN

Longitude 104.975982°W, Latitude 39.857657°N

USGS Commerce City, CO Quadrangle

Adams County, Colorado

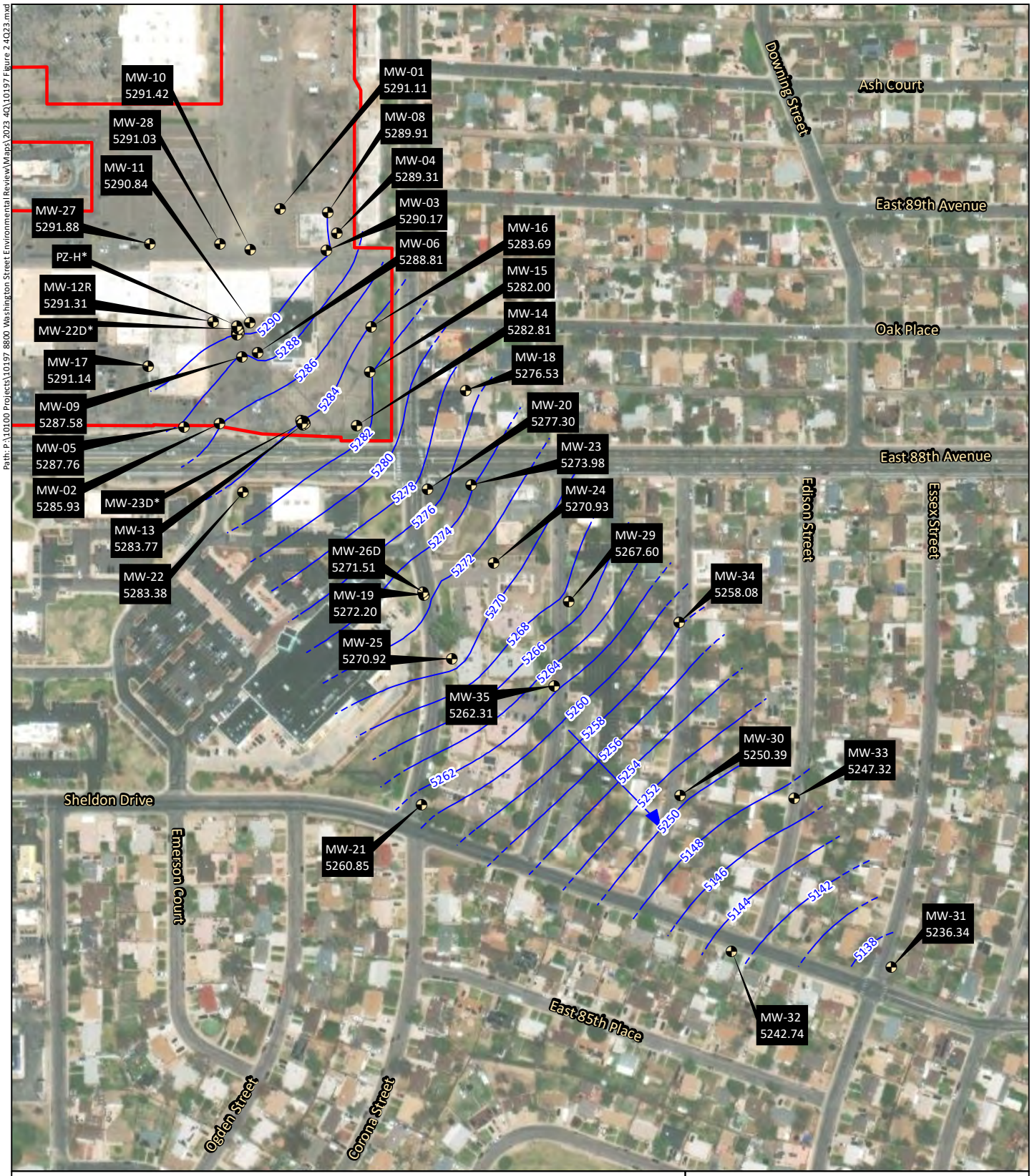
0 1,000 2,000 feet

N

Figure 1
Vicinity Map

File: 10197 Figure 1 2023.mxd [dlH]
March 31, 2023

ERO Resources Corp.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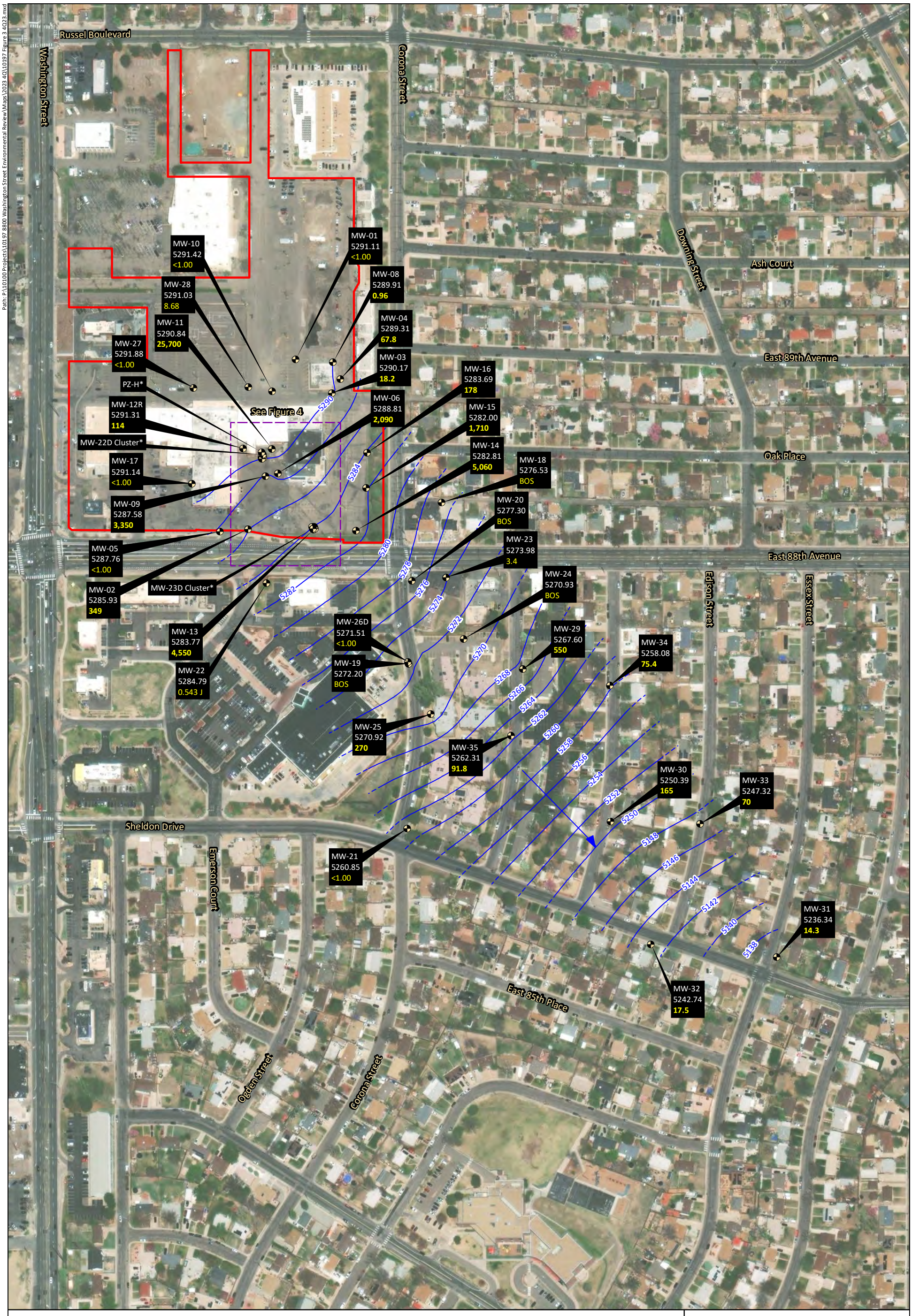
MW-11 5290.84
MW-27 5291.88
PZ-H*
MW-12R 5291.31
MW-22D*
MW-17 5291.14
MW-09 5287.58
MW-05 5287.76
MW-02 5285.93
MW-23D*
MW-13 5283.77
MW-22 5283.38
MW-01 5291.11
MW-08 5289.91
MW-04 5289.31
MW-03 5290.17
MW-06 5288.81
MW-16 5283.69
MW-15 5282.00
MW-14 5282.81
MW-18 5276.53
MW-20 5277.30
MW-23 5273.98
MW-24 5270.93
MW-29 5267.60
MW-34 5258.08
MW-26D 5271.51
MW-19 5272.20
MW-25 5270.92
MW-35 5262.31
MW-21 5260.85
MW-30 5250.39
MW-33 5247.32
MW-31 5236.34
MW-32 5242.74
5290
5288
5286
5284
5282
5280
5278
5276
5274
5272
5270
5268
5266
5264
5262
5260
5258
5256
5254
5252
5250
5148
5146
5144
5142
5138
Downing Street
Ash Court
East 89th Avenue
Oak Place
East 88th Avenue
Edison Street
Essex Street
Sheldon Drive
Emerson Court
East 85th Place
Ogden Street
Corona Street
Thornton Shopping Center
TSC Property
Monitoring Well Location
2-Foot Groundwater Contour Interval
Inferred Contour
Direction of Groundwater Flow
* - Not Used for Contouring
MW-21 5260.85
Well ID
Groundwater Elevation
0
150
300
feet
N
Figure 2
Groundwater Monitoring
4th Quarter 2023
File: 10197 Figure 2 4Q23.mxd [dlH]
January 30, 2024
ERO
ERO Resources Corp.
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community 4/22/2022

Path: P:\10100 Projects\10197 8800 Washington Street Environmental Review\Maps\2023 4Q\10197 Figure 3 4Q23.mxd



Thornton Shopping Center

- TSC Property
- Monitoring Well Location
- 2-Foot Groundwater Contour Interval
- Inferred Contour
- Direction of Groundwater Flow
- * - Not Used for Contouring

MW-21 — Well ID
5260.85 — Groundwater Elevation (feet AMSL)
<1.00 — PCE Concentration in µg/L

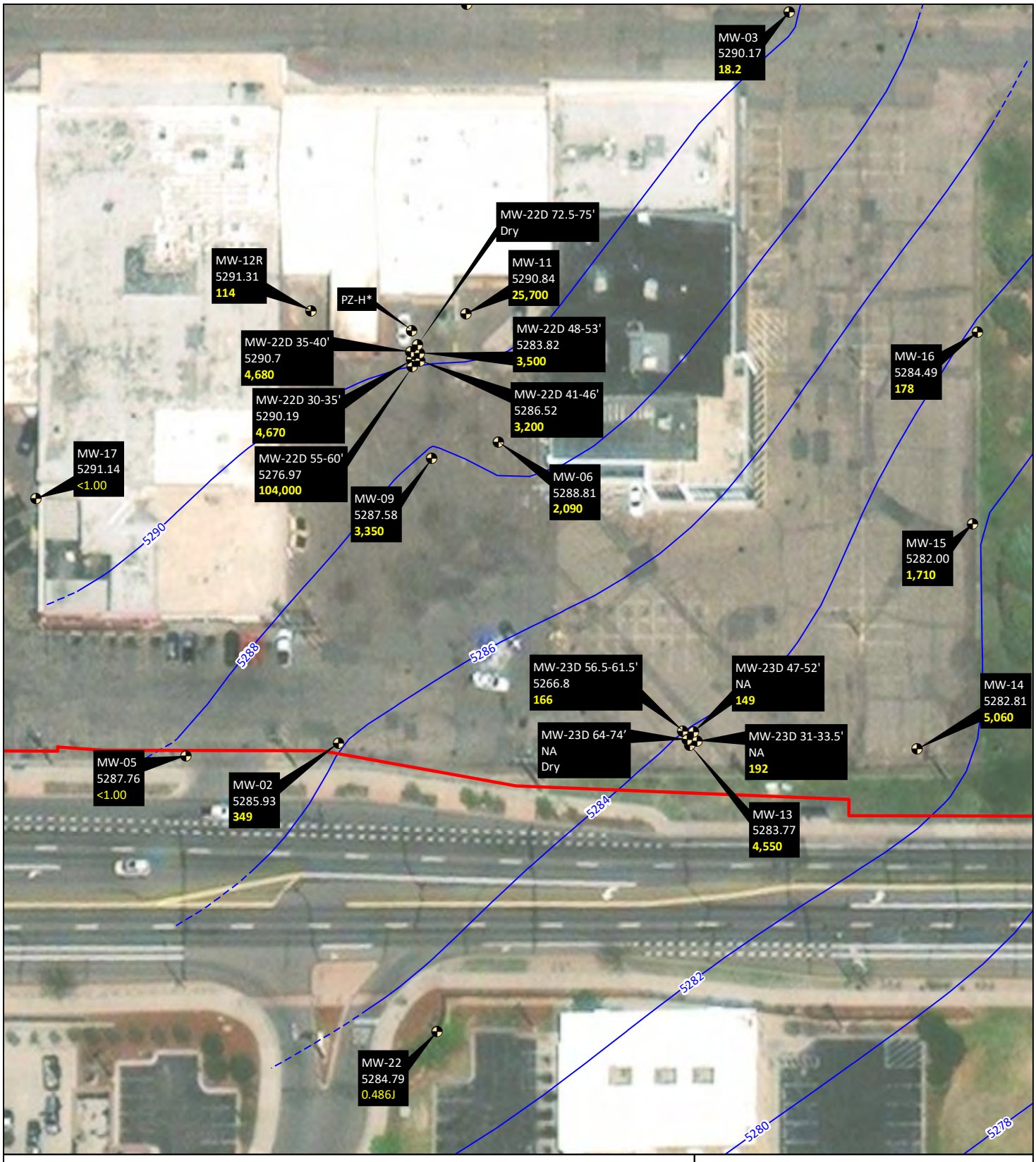
0 125 250 feet

N

Figure 3
Groundwater and PCE Concentrations 4th Quarter 2023

File: 10197 Figure 3 4Q23.mxd [dlH]
February 1, 2024

ERO Resources Corp.



Thornton Shopping Center

TSC Property

Monitoring Well Location

2-Foot Groundwater Contour Interval

Inferred Contour

Direction of Groundwater Flow

* - Not Used for Contouring

MW-22 Well ID
5284.79 Groundwater Elevation (feet AMSL)
0.486J PCE Concentration in µg/L

N

0 35 70 feet

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community 4/22/2022

Figure 4
Groundwater and PCE Concentrations Enlargement
4th Quarter 2023

File: 10197 Figure 4 4Q23.mxd [dlH]
February 1, 2024

ERO Resources Corp.

Appendix A Field Sheets

Groundwater Sample Field Data Sheet

Sample Identification No. MW-01

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-01 Well Dia. (in) 2

Screen Interval Depth: 20-29

Total Well Depth: 29.06

Well Purging Information

Date and time of Well Purging: 10/16/23 1130

Depth to Water Level (ft-below TOC): 8.05

Well Casing Volume (gallons): 3.4

Volume to be Evacuated During Purging (gallons): 10.3

Total volume purged (gallons) 7 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1130	1135	1150			
Volume (gallons)		0.5	5	#0.6			
pH (SI units) .....+/-0.2		7.05	7.44	7.67			
Temperature (°C) .....+/-3%		21.4	17.6	18.3			
SC (umhos/cm) .....+/-3%		3844	4141	20.3			
ORP (milivlts) .....+/-20		28	34	26			
DO (mg/l) .....+/-10%		2.38	1.1	9.55			
DTW							
Color		clear	cloudy	cloudy			

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1150

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-02

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-02 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 10/17/23 1218
Depth to Water Level (ft-below TOC): 16.28
Well Casing Volume (gallons): 2.0
Volume to be Evacuated During Purging (gallons): 6.1
Total volume purged (gallons) 1.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1218	1223	1228	1233		
Volume (gallons)		0	0.5	0.75	1.5		
pH (SI units) .....+/-0.2		7.49	7.34	7.54	7.39		
Temperature (°C) .....+/-3%		19.6	18.2	18.3	18.2		
SC (umhos/cm) .....+/-3%		6654	6108	6131	6159		
ORP (milivlts) .....+/-20		-18.8	-38.3	-42.4	-46.7		
DO (mg/l) .....+/-10%		0.35	0.77	0.81	0.86		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1233

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-03

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-03 Well Dia. (in) 2"
Screen Interval Depth: 25
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 10/16/23 1417
Depth to Water Level (ft-below TOC): 10.90
Well Casing Volume (gallons): 2.9
Volume to be Evacuated During Purging (gallons): 8.7
Total volume purged (gallons) 1.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1417	1422	1427	1432		
Volume (gallons)		0	0.25	1	1.5		
pH (SI units) .....+/-0.2		7.56	7.69	7.66	7.52		
Temperature (°C) .....+/-3%		18.3	18.2	18.6	18.9		
SC (umhos/cm) .....+/-3%		4997	4960	4944	4853		
ORP (milivlts) .....+/-20		60.6	17.1	-2.6	-3.0		
DO (mg/l) .....+/-10%		0.86	0.50	0.41	0.92		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1432

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb voa	3	HCl	8260 VOC (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-04

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-04 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 10/16/23 1438
Depth to Water Level (ft-below TOC): 10.11
Well Casing Volume (gallons): 3.0
Volume to be Evacuated During Purging (gallons): 9.1
Total volume purged (gallons) 1.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1438	1443	1448	1453		
Volume (gallons)		0	0.25	1	1.5		
pH (SI units) .....+/-0.2		7.89	7.99	7.96	7.75		
Temperature (°C) .....+/-3%		17.5	17.3	18.2	18.5		
SC (umhos/cm) .....+/-3%		2110	2056	1777	1701		
ORP (milivlts) .....+/-20		-12.9	-39.9	-17.8	-22.6		
DO (mg/l) .....+/-10%		0.89	1.13	2.00	1.79		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1453

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml ambers	3	HCl	8260 VOC (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-05

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-05 Well Dia. (in) 2"
Screen Interval Depth: 30-40
Total Well Depth: 40

Well Purging Information

Date and time of Well Purging: 10/17/23 ~~1300~~ 0840
Depth to Water Level (ft-below TOC): 17.82
Well Casing Volume (gallons): 4.2
Volume to be Evacuated During Purging (gallons): 12.6
Total volume purged (gallons) 8

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		~~0845~~	0905	1020			
Volume (gallons)		0.5	6	8			
pH (SI units) +/-0.2		6.47	7.01	7.36			
Temperature (°C) +/-3%		17.5	16.6	17.6			
SC (umhos/cm) +/-3%		6678	7998	3807			
ORP (milivlts) +/-20		-106	-68	-2			
DO (mg/l) +/-10%		6.56	2.49	5.77			
DTW							
Color		clear	black	clear			

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1025

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Boss 100?

Groundwater Sample Field Data Sheet

Sample Identification No. MW-06

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-06 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 26

Well Purging Information

Date and time of Well Purging: 10/17/23 1336
Depth to Water Level (ft-below TOC): 14.42
Well Casing Volume (gallons): 1.9
Volume to be Evacuated During Purging (gallons): 5.6
Total volume purged (gallons) 1.25

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1336	1341	1346	1351		
Volume (gallons)		0	0.25	0.75	1.25		
pH (SI units) .....+/-0.2		7.60	7.73	7.69	7.66		
Temperature (°C) .....+/-3%		18.4	18.2	18.1	18.1		
SC (umhos/cm) .....+/-3%		5617	5555	5553	5563		
ORP (milivlts) .....+/-20		-5.6	-34.2	-47.4	-56.2		
DO (mg/l) .....+/-10%		0.25	0.15	0.24	0.32		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1351

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb voa	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-08

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-08 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 10/16/23 1322
Depth to Water Level (ft-below TOC): 9.04
Well Casing Volume (gallons): 3.19
Volume to be Evacuated During Purging (gallons): 9.6
Total volume purged (gallons) 2.25

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1322	1327	1332	1337		
Volume (gallons)		0	1	1.5	2.25		
pH (SI units) .....+/-0.2		7.53	7.69	7.68	7.68		
Temperature (°C) .....+/-3%		17.8	16.5	16.5	16.5		
SC (umhos/cm) .....+/-3%		5261	5463	5450	5389		
ORP (milivlts) .....+/-20		46.4	8.4	-9.3	-15.5		
DO (mg/l) .....+/-10%		0.71	0.30	0.23	0.21		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1337

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb vial	3	HCl	8260 VOC ~~(8260)~~ GM (DCL)

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-09

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-9 Well Dia. (in) 2
Screen Interval Depth: 10-20
Total Well Depth: 20

Well Purging Information

Date and time of Well Purging: 10/17/23 1450
Depth to Water Level (ft-below TOC): 15.04
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1450	1455	1500	1505		
Volume (gallons)		0.1	0.5	0.75	1.0		
pH (SI units) +/-0.2		7.18	7.02	6.90	6.78		
Temperature (°C) +/-3%		19.0	19.6	20.0	20.2		
SC (umhos/cm) +/-3%		6072	6470	2595	2694		
ORP (milivlts) +/-20		-23	-44	-48	-46		
DO (mg/l) +/-10%		0.14	0.16	0.13	0.15		
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1510

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: MW-09 Dup 1512

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-10

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/SK

Well Information

Well No: MW-10 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 10/16/23 1038
Depth to Water Level (ft-below TOC): 10.31
Well Casing Volume (gallons): 2.4
Volume to be Evacuated During Purging (gallons): 7.1
Total volume purged (gallons) 2

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1038	1043	1048	1053		
Volume (gallons)		0	0.75	1.5	2		
pH (SI units) .....+/-0.2		7.19	7.21	7.26	7.25		
Temperature (°C) .....+/-3%		18.4	18.9	18.9	18.8		
SC (umhos/cm) .....+/-3%		10727	10152	10183	10216		
ORP (milivlts) .....+/-20		129.3	114.5	103.2	95.6		
DO (mg/l) .....+/-10%		1.57	1.13	0.85	0.82		
DTW		—	—	—			
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1053

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml VOA	3	HCl	8260 VOC (DCL)

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-4

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-11 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 10/17/23 1430
Depth to Water Level (ft-below TOC): 12.41
Well Casing Volume (gallons): 1.9
Volume to be Evacuated During Purging (gallons): 5.6
Total volume purged (gallons) 1.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1430	1435	1440	1445		
Volume (gallons)		0	0.25	0.75	1.5		
pH (SI units) .....+/-0.2		7.87	7.81	7.81	7.80		
Temperature (°C) .....+/-3%		18.7	19.6	19.3	19.2		
SC (umhos/cm) .....+/-3%		1524	1447	1779	2233		
ORP (milivlts) .....+/-20		-8.9	-40.2	-57.6	-66.1		
DO (mg/l) .....+/-10%		0.88	0.37	0.29	0.26		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1445

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amber	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-12R

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-12R Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 10/17/23 1028
Depth to Water Level (ft-below TOC): 12.24
Well Casing Volume (gallons): 2.0
Volume to be Evacuated During Purging (gallons): 5.9
Total volume purged (gallons) 1.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1028	1033	1038	1043		
Volume (gallons)		0	0.5	1.25	1.75		
pH (SI units) .....+/-0.2		8.48	8.61	8.60	8.57		
Temperature (°C) .....+/-3%		17.9	17.9	17.9	18.0		
SC (umhos/cm) .....+/-3%		1063	924	901	907		
ORP (milivlts) .....+/-20		36.5	20.7	13.0	-1.5		
DO (mg/l) .....+/-10%		0.35	0.12	0.17	0.25		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1043

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amber vial	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-13

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-13 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 10/17/23 1357
Depth to Water Level (ft-below TOC): 17.25
Well Casing Volume (gallons): 1.2
Volume to be Evacuated During Purging (gallons): 3.7
Total volume purged (gallons) 1.25

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1357	1402	1407	1412		
Volume (gallons)		0	0.25	0.75	1.25		
pH (SI units) .....+/-0.2		7.63	7.58	7.61	7.62		
Temperature (°C) .....+/-3%		17.6	17.8	17.7	17.8		
SC (umhos/cm) .....+/-3%		6509	6489	6476	6485		
ORP (milivlts) .....+/-20		-8.8	-28.7	-44.8	-52.3		
DO (mg/l) .....+/-10%		0.25	0.14	0.14	0.16		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1412

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb vom	3	HCl	8260 VOCs (DCL)
125ml poly	1	—	Chloride

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-14

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-14 Well Dia. (in) 2
Screen Interval Depth: 10-25
Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 10/17/23 1425
Depth to Water Level (ft-below TOC): 17.50
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1425	1430	1435	1440		
Volume (gallons)		0.1	0.5	0.75	1		
pH (SI units) .....+/-0.2		7.04	6.92	6.88	6.87		
Temperature (°C) .....+/-3%		17.2	17.1	17.1	17.1		
SC (umhos/cm) .....+/-3%		6710	6600	6550	6630		
ORP (milivlts) .....+/-20		-3	-15	-16	-17		
DO (mg/l) .....+/-10%		0.67	0.2	0.12	0.13		
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1445

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs
125 mL	1		Chloride

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-15

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-15 Well Dia. (in) 2
Screen Interval Depth: 19.5-24.5
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 10/17/23 1350
Depth to Water Level (ft-below TOC): 18.16
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1350	1355	1400	1405		
Volume (gallons)		0.1	0.5	0.75	1.0		
pH (SI units) .....+/-0.2		7.26	7.00	6.97	6.97		
Temperature (°C) .....+/-3%		17.8	17.1	17.0	16.9		
SC (umhos/cm) .....+/-3%		6165	6096	6065	6041		
ORP (milivlts) .....+/-20		20	32	30	29.		
DO (mg/l) .....+/-10%		0.4	0.22	0.2	0.15		
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1420

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs
125 mL	1	-	Chloride

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-16

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-16 Well Dia. (in) 2"
Screen Interval Depth: 5
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 10/17/23 1002
Depth to Water Level (ft-below TOC): 16.59
Well Casing Volume (gallons): 1.2
Volume to be Evacuated During Purging (gallons): 3.6
Total volume purged (gallons) 1.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1002	1007	1012	1017		
Volume (gallons)		0	0.5	1	1.5		
pH (SI units) .....+/-0.2		7.81	7.62	7.41	7.19		
Temperature (°C) .....+/-3%		16.3	16.3	16.5	16.5		
SC (umhos/cm) .....+/-3%		6069	5712	4945	4572		
ORP (milivlts) .....+/-20		79.6	65.7	54.5	50.1		
DO (mg/l) .....+/-10%		0.32	0.32	0.41	0.41		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1017

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	6	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: MW-16 DUP 10/17/23 1017

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-17

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-17 Well Dia. (in) 2"
Screen Interval Depth: 5
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 10/16/23 1105
Depth to Water Level (ft-below TOC): 11.96
Well Casing Volume (gallons): 2.0
Volume to be Evacuated During Purging (gallons): 6.0
Total volume purged (gallons) 1.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1105	1110	1115	1120		
Volume (gallons)		0	0.25	1	1.5		
pH (SI units) .....+/-0.2		7.75	7.76	7.75	7.75		
Temperature (°C) .....+/-3%		18.2	17.5	17.9	18.1		
SC (umhos/cm) .....+/-3%		4436	3101	2906	2943		
ORP (milivlts) .....+/-20		69.3	42.7	39.6	43.5		
DO (mg/l) .....+/-10%		1.19	0.93	1.58	1.98		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1120

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amber voa	3	HCl	8260 VOC (DCL)

Associated QA/QC Samples: N/A

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-18

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-18 Well Dia. (in) 2"

Screen Interval Depth: 15'

Total Well Depth: 23

Well Purging Information

Date and time of Well Purging: 10/16/23

Depth to Water Level (ft-below TOC): 15.87

Well Casing Volume (gallons):

Volume to be Evacuated During Purging (gallons):

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: NS

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not sampled, BOS in well

Groundwater Sample Field Data Sheet

Sample Identification No. MW-19

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: GM/SK

Well Information

Well No: MW-19 Well Dia. (in) 2"

Screen Interval Depth: 10

Total Well Depth: 21.35

Well Purging Information

Date and time of Well Purging: 10/16/23

Depth to Water Level (ft-below TOC): 12.08

Well Casing Volume (gallons):

Volume to be Evacuated During Purging (gallons):

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: NS

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not sampled. BOSS in well

Groundwater Sample Field Data Sheet

Sample Identification No. MW-20

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-20 Well Dia. (in) 2"
Screen Interval Depth: 10'
Total Well Depth: 23'

Well Purging Information

Date and time of Well Purging: 10/16/23
Depth to Water Level (ft-below TOC): 14.18
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: NS

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

well not sampled. BOSS in well

Groundwater Sample Field Data Sheet

Sample Identification No. MW-21

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-21 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 22

Well Purging Information

Date and time of Well Purging: 10/16/23 1132
Depth to Water Level (ft-below TOC): 7.06
Well Casing Volume (gallons): 2.4
Volume to be Evacuated During Purging (gallons): 7.2
Total volume purged (gallons) 1.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1132	1137	1142	1147		
Volume (gallons)		0	0.5	1	1.5		
pH (SI units) .....+/-0.2		7.44	7.48	7.48	7.47		
Temperature (°C) .....+/-3%		16.1	16.5	16.9	17.3		
SC (umhos/cm) .....+/-3%		6299	6242	6204	6177		
ORP (milivlts) .....+/-20		26.7	6.4	2.0	-3.3		
DO (mg/l) .....+/-10%		0.88	0.27	0.14	0.15		
DTW		—	—	—	—		
Color		turbid, brown/clears up	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1147

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb vom	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/SK

Well Information

Well No: MW-22 Well Dia. (in) 2"
Screen Interval Depth: —
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 10/16/23 1156
Depth to Water Level (ft-below TOC): 16.18
Well Casing Volume (gallons): GM ~~2.3~~ 1.3
Volume to be Evacuated During Purging (gallons): 3.8
Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1156	1201	1206	1211		
Volume (gallons)		0	0.25	1	1.5		
pH (SI units) .....+/-0.2		7.70	7.78	7.77	7.73		
Temperature (°C) .....+/-3%		16.7	16.2	16.3	16.4		
SC (umhos/cm) .....+/-3%		4566	4599	4544	4469		
ORP (milivlts) .....+/-20		32.4	21.4	25.9	32.8		
DO (mg/l) .....+/-10%		3.12	3.27	4.20	4.50		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1211

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb voa	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 30-35'

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-22D 30-35' Well Dia. (in) 2

Screen Interval Depth: 30-35

Total Well Depth: 35

Well Purging Information

Date and time of Well Purging: 10/17/23 1210

Depth to Water Level (ft-below TOC): 13.19

Well Casing Volume (gallons): 3.6

Volume to be Evacuated During Purging (gallons): 10.8

Total volume purged (gallons) 5.0 dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1215	1218	1222			
Volume (gallons)		0.5	2.0	4.0			
pH (SI units) .....+/-0.2		7.68	7.28	7.21			
Temperature (°C) .....+/-3%		19.4	17.5	17.4			
SC (umhos/cm) .....+/-3%		3104	6120	6618			
ORP (milivlts) .....+/-20		23.4	30.6	33.8			
DO (mg/l) .....+/-10%		3.94	3.10	2.11			
DTW							
Color		yellow					

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1300

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 35-40'

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-22D 35-40 Well Dia. (in) 2"

Screen Interval Depth: 35-40

Total Well Depth: 40

Well Purging Information

Date and time of Well Purging: 10/17/23

Depth to Water Level (ft-below TOC): 12.72

Well Casing Volume (gallons): 4.45

Volume to be Evacuated During Purging (gallons): 13.35

Total volume purged (gallons) 6 Dm

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		9:54	10:02	10:26			
Volume (gallons)		0	4.5	6.0			
pH (SI units) .....+/-0.2		7.55	7.34	7.64			
Temperature (°C) .....+/-3%		18.8	17.6	17.5			
SC (umhos/cm) .....+/-3%		5673	2957	3295			
ORP (milivlts) .....+/-20		19.8	24.2	15.0			
DO (mg/l) .....+/-10%		2.57	1.98	6.56			
DTW							
Color		sl. turbid	"				

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1025

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 41-46'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-22 41-46 Well Dia. (in) 2
Screen Interval Depth: 41-46
Total Well Depth: 46

Well Purging Information

Date and time of Well Purging: 10/17/23 1145
Depth to Water Level (ft-below TOC): 16.65
Well Casing Volume (gallons): 4.8
Volume to be Evacuated During Purging (gallons): 14.3
Total volume purged (gallons) 7 dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1157	1200	1205			
Volume (gallons)		0.5	3	6			
pH (SI units) .....+/-0.2		7.01	7.01	6.97			
Temperature (°C) .....+/-3%		19.6	17.7	17.3			
SC (umhos/cm) .....+/-3%		6537	3639	6784			
ORP (milivlts) .....+/-20		33	37	36			
DO (mg/l) .....+/-10%		1.35	2.15	1.40			
DTW							
Color		clear	clear	cloudy			

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1245

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	6	HCl	VOCs

Associated QA/QC Samples: MW-22D 41-46' Dup 1247

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 48-53'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-22D 48-53' Well Dia. (in) 2"
Screen Interval Depth: 48-53
Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: 10/17/23 0920
Depth to Water Level (ft-below TOC): 19.33
Well Casing Volume (gallons): 5.5
Volume to be Evacuated During Purging (gallons): 16.5
Total volume purged (gallons) 8 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0925	0930	0935			
Volume (gallons)		0.5	3	6			
pH (SI units) .....+/-0.2		6.85	6.78	6.89			
Temperature (°C) .....+/-3%		16.9	17.1	16.9			
SC (umhos/cm) .....+/-3%		6924	6961	7012			
ORP (milivlts) .....+/-20		11	17	25			
DO (mg/l) .....+/-10%		4.37	3.22	2.49			
DTW							
Color		clear	yellow	yellow			

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1015

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 55-60'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-22D 55-60 Well Dia. (in) 2"
Screen Interval Depth: 55-60
Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: 10/17/23 1040
Depth to Water Level (ft-below TOC): 26.30
Well Casing Volume (gallons): 5.5
Volume to be Evacuated During Purging (gallons): 16.5
Total volume purged (gallons) 16.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1045	1102	1125			
Volume (gallons)		0.5	8	14			
pH (SI units) +/-0.2		7.01	6.99	7.04			
Temperature (°C) +/-3%		19.1	17.8	17.8			
SC (umhos/cm) +/-3%		1734	6351	7135			
ORP (milivlts) +/-20		230	23.3 342.0	22.6			
DO (mg/l) +/-10%		3.07	1.12	3.74			
DTW							
Color		yellow	yellow	yellow			

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1130

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 72.5-75'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-22D 72.5-75' Well Dia. (in) 2
Screen Interval Depth: 72.5-75'
Total Well Depth: 75'

Well Purging Information

Date and time of Well Purging: 10/16/23
Depth to Water Level (ft-below TOC): Dry
Well Casing Volume (gallons): —
Volume to be Evacuated During Purging (gallons): —
Total volume purged (gallons) —

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Well is dry

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-23 Well Dia. (in) 2"
Screen Interval Depth: —
Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 10/16/23 1252
Depth to Water Level (ft-below TOC): 16.03
Well Casing Volume (gallons): 1.4
Volume to be Evacuated During Purging (gallons): 4.3
Total volume purged (gallons) 1.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1252	1257	1302	1307		
Volume (gallons)		0	0.75	1.25	1.75		
pH (SI units) .....+/-0.2		7.60	7.43	7.30	7.32		
Temperature (°C) .....+/-3%		18.2	17.9	18.2	18.2		
SC (umhos/cm) .....+/-3%		6778	6663	6613	6625		
ORP (milivlts) .....+/-20		33.3	8.1	-5.4	-10.6		
DO (mg/l) .....+/-10%		0.21	0.15	0.35	0.39		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1307

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb vom	3	HCl	8260 VOC (DCL)
150ml poly	1	—	chloride

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 31-33.5'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-23D 31-33.5' Well Dia. (in) 2"
Screen Interval Depth: 32-33.5'
Total Well Depth: 33.5'

Well Purging Information

Date and time of Well Purging: 10/16/23 1530
Depth to Water Level (ft-below TOC): 17.35'
Well Casing Volume (gallons): 2.6
Volume to be Evacuated During Purging (gallons): 7.9
Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1530	1535	1540			
Volume (gallons)		0.5	2	3			
pH (SI units) +/-0.2		7.52	7.11	7.20			
Temperature (°C) +/-3%		17.5	16.9	16.9			
SC (umhos/cm) +/-3%		7244	7194	3939			
ORP (milivlts) +/-20		43	47	50.1			
DO (mg/l) +/-10%		3.91	3.69	2.83			
DTW							
Color		clear	cloudy	cloudy			

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1545

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 47-52'

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-23D 47-52' Well Dia. (in) 2"

Screen Interval Depth: 47-52

Total Well Depth: 52

Well Purging Information

Date and time of Well Purging: 10/16/23 1500

Depth to Water Level (ft-below TOC): 20.86

Well Casing Volume (gallons): 5

Volume to be Evacuated During Purging (gallons): 15

Total volume purged (gallons) 3

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1515

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Oily water

Bailed 3 gals. with 2" bailer. Sampled with 1" bailer from bottom

Groundwater Sample Field Data Sheet

56.5-61.5

Sample Identification No. MW-23D ~~52'~~

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: GS

Well Information

56.5-61.5

Well No: MW-23D ~~52'~~ Well Dia. (in) 2"

Screen Interval Depth:

Total Well Depth: 52'

Well Purging Information

Date and time of Well Purging: 10/16/23 1180

Depth to Water Level (ft-below TOC): 34.36

Well Casing Volume (gallons): 2.9

Volume to be Evacuated During Purging (gallons): 8.6

Total volume purged (gallons) 8.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		10.22	1025	1050			
Volume (gallons)		1	5	7			
pH (SI units) .....+/-0.2		6.72	6.82	7.93			
Temperature (°C) .....+/-3%		15.8	16.0	13.8			
SC (umhos/cm) .....+/-3%		70,80	3660	0.5			
ORP (milivlts) .....+/-20		-34.7	-9.8	-33.1			
DO (mg/l) .....+/-10%		2.38	4.70	9.33			
DTW							
Color		clear	cloudy	cloudy			

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1130

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 64-74'

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CJS

Well Information

Well No: MW-23D 64-74' Well Dia. (in) 2"

Screen Interval Depth: _____

Total Well Depth: 74'

Well Purging Information

Date and time of Well Purging: 10/10/23

Depth to Water Level (ft-below TOC): Dry

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

Well is dry

Groundwater Sample Field Data Sheet

Sample Identification No. MW-24

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-24 Well Dia. (in) 2"

Screen Interval Depth: —

Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 10/16/23

Depth to Water Level (ft-below TOC): 12.73

Well Casing Volume (gallons):

Volume to be Evacuated During Purging (gallons):

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: NS

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not sampled. BOSS in well.

Groundwater Sample Field Data Sheet

Sample Identification No. MW-25

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-25 Well Dia. (in) 2"
Screen Interval Depth: —
Total Well Depth: 12.5

Well Purging Information

Date and time of Well Purging: 10/17/23 1124
Depth to Water Level (ft-below TOC): 9.11
Well Casing Volume (gallons): 0.5
Volume to be Evacuated During Purging (gallons): 1.6
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1124	1129	1134	1139		
Volume (gallons)		0	0.25	0.5	1		
pH (SI units) .....+/-0.2		7.28	6.98	7.07	7.30		
Temperature (°C) .....+/-3%		17.6	17.3	17.5	17.4		
SC (umhos/cm) .....+/-3%		6080	2505	4061	4559		
ORP (milivlts) .....+/-20		-131.6	-220.8	-204.4	-196.7		
DO (mg/l) .....+/-10%		0.31	0.08	0.38	0.46		
DTW		—	—	—	—		
Color		clear	clear	slt turbid brown	slight trb. brown		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1139

Sampling Method (circle): Bailer ~~Peristaltic~~ Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb voa	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

reducing odor

Groundwater Sample Field Data Sheet

Sample Identification No. MW-26D

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-26D Well Dia. (in)
Screen Interval Depth: 44-54
Total Well Depth: 54.43

Well Purging Information

Date and time of Well Purging: 10/16/23 1315
Depth to Water Level (ft-below TOC): 13.24
Well Casing Volume (gallons): 6.72
Volume to be Evacuated During Purging (gallons): 20.16
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1320	1348	1414			
Volume (gallons)		0.5	10	JR 20.18			
pH (SI units) .....+/-0.2		9.54	7.19	7.29			
Temperature (°C) .....+/-3%		17.2	15.7	15.7			
SC (umhos/cm) .....+/-3%		487	6886	3845			
ORP (milivlts) .....+/-20		24	JR *52.4	50.3			
DO (mg/l) .....+/-10%		6.4	2.16	2.97			
DTW							
Color		Yellow	Tan				

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1420

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs
125 ml		—	chloride

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-27

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-27 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 10/16/23 1010
Depth to Water Level (ft-below TOC): 9.92
Well Casing Volume (gallons): 2.4
Volume to be Evacuated During Purging (gallons): 7.2
Total volume purged (gallons) 1.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1010	1015	1020	1025		
Volume (gallons)		0	0.25	0.75	1.75		
pH (SI units) .....+/-0.2		7.39	7.52	7.42	7.38		
Temperature (°C) .....+/-3%		18.2	18.5	19.4	19.7		
SC (umhos/cm) .....+/-3%		8503	8346	7398	7408		
ORP (milivlts) .....+/-20		207.4	170.2	147.0	134.2		
DO (mg/l) .....+/-10%		0.37	0.19	1.10	1.47		
DTW		—					
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1025

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amber	3	HCl	8260 VOC (DCL)

Associated QA/QC Samples: N/A

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-28

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/SK

Well Information

Well No: MW-28 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 10/16/23 1222
Depth to Water Level (ft-below TOC): 10.59
Well Casing Volume (gallons): 2.3
Volume to be Evacuated During Purging (gallons): 6.9
Total volume purged (gallons) 1.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1222	1227	1232	1237		
Volume (gallons)		0	0.5	1	1.5		
pH (SI units) .....+/-0.2		7.29	7.35	7.41	7.42		
Temperature (°C) .....+/-3%		20.0	19.7	19.1	18.8		
SC (umhos/cm) .....+/-3%		6382	6363	6247	6229		
ORP (milivlts) .....+/-20		44.0	11.3	-3.61	-11.0		
DO (mg/l) .....+/-10%		0.53	0.26	0.12	0.10		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1237

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb vca	3	HCl	8260 VOC (DCL)

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-29

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-29 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 10/17/23 1306
Depth to Water Level (ft-below TOC): 8.47
Well Casing Volume (gallons): 2.6
Volume to be Evacuated During Purging (gallons): 7.7
Total volume purged (gallons) 1.25

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1306	1311	1316	1321		
Volume (gallons)		0	0.25	0.75	1.25		
pH (SI units) .....+/-0.2		7.39	7.48	7.49	7.43		
Temperature (°C) .....+/-3%		19.3	19.4	19.4	19.4		
SC (umhos/cm) .....+/-3%		6277	6216	6207	6185		
ORP (milivlts) .....+/-20		3.1	-34.2	-49.6	-56.2		
DO (mg/l) .....+/-10%		0.52	0.28	0.22	0.19		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1321

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40m amber	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-30

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-30 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 10/17/23 1151
Depth to Water Level (ft-below TOC): 10.35
Well Casing Volume (gallons): 2.3
Volume to be Evacuated During Purging (gallons): 6.8
Total volume purged (gallons) 2

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1151	1156	1201	1206		
Volume (gallons)		0	0.5	1.25	2		
pH (SI units) .....+/-0.2		7.67	7.67	7.67	7.76		
Temperature (°C) .....+/-3%		17.6	16.7	17.2	17.2		
SC (umhos/cm) .....+/-3%		6590	6509	6456	6424		
ORP (milivlts) .....+/-20		-100.7	-94.0	-86.6	-69.4		
DO (mg/l) .....+/-10%		0.37	0.14	0.40	0.76		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1206

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb voa	3	HCl	8260 VOCs (OCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-31

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-31 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 10/17/23 0845
Depth to Water Level (ft-below TOC): 10.27
Well Casing Volume (gallons): 2.2
Volume to be Evacuated During Purging (gallons): 6.6
Total volume purged (gallons) 2

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0845	0850	0855	0900		
Volume (gallons)		0	0.5	1	2		
pH (SI units) .....+/-0.2		7.61	7.49	7.42	7.42		
Temperature (°C) .....+/-3%		16.3	16.9	17.5	17.5		
SC (umhos/cm) .....+/-3%		7229	7281	7238	7237		
ORP (milivlts) .....+/-20		51.8	46.8	43.0	41.5		
DO (mg/l) .....+/-10%		1.05	0.66	0.71	0.73		
DTW		—	—	—	—		
Color		clear	clear	clear	Clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 0900

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-32

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-32 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 10/16/23 1513
Depth to Water Level (ft-below TOC): 8.32
Well Casing Volume (gallons): 2.5
Volume to be Evacuated During Purging (gallons): 7.5
Total volume purged (gallons) 2

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1513	1518	1523	1528		
Volume (gallons)		0	0.5	1	2		
pH (SI units) .....+/-0.2		7.54	7.64	7.67	7.54		
Temperature (°C) .....+/-3%		18.6	19.4	19.7	19.6		
SC (umhos/cm) .....+/-3%		5778	5712	4996	4961		
ORP (milivlts) .....+/-20		38.7	11.2	-11.9	-26.2		
DO (mg/l) .....+/-10%		0.45	0.27	0.56	0.54		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/16/23 1528

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amb voa	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-33

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/SK

Well Information

Well No: MW-33 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 10/17/23 0934
Depth to Water Level (ft-below TOC): 9.91
Well Casing Volume (gallons): 2.6
Volume to be Evacuated During Purging (gallons): 6.8
Total volume purged (gallons) 1.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0936	0941	0946	0951		
Volume (gallons)		0	0.25	1	1.75		
pH (SI units) .....+/-0.2		7.77	7.71	7.60	7.61		
Temperature (°C) .....+/-3%		17.3	18.0	18.6	19.0		
SC (umhos/cm) .....+/-3%		6820	6725	GM 5813	5215		
ORP (milivlts) .....+/-20		112.3	81.3	61.4	57.8		
DO (mg/l) .....+/-10%		0.52	0.44	0.88	1.80		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 0951

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amber	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-34

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/SK

Well Information

Well No: MW-34 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 10/17/23 0910
Depth to Water Level (ft-below TOC): 11.28
Well Casing Volume (gallons): 2.0
Volume to be Evacuated During Purging (gallons): 6.1
Total volume purged (gallons) 1.25

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0910	0915	0920	0925		
Volume (gallons)		0	0.25	1	1.25		
pH (SI units) .....+/-0.2		7.47	7.41	7.39	7.38		
Temperature (°C) .....+/-3%		16.0	16.3	16.7	17.0		
SC (umhos/cm) .....+/-3%		5036	4986	4965	4942		
ORP (milivlts) .....+/-20		65.4	56.7	49.0	42.3		
DO (mg/l) .....+/-10%		0.41	0.17	0.25	0.34		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 ~~0910~~ GM 0925

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml amber vials	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-35

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/JK

Well Information

Well No: MW-35 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 10/17/23 1100
Depth to Water Level (ft-below TOC): 9.41
Well Casing Volume (gallons): 2.3
Volume to be Evacuated During Purging (gallons): 7.0
Total volume purged (gallons) 1.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1100	1105	1110	1115		
Volume (gallons)		0	0.25	0.75	1.75		
pH (SI units) .....+/-0.2		7.44	7.48	7.47	7.45		
Temperature (°C) .....+/-3%		17.4	17.7	18.4	18.9		
SC (umhos/cm) .....+/-3%		3341	3329	3243	3173		
ORP (milivlts) .....+/-20		28.0	7.1	9.6	14.3		
DO (mg/l) .....+/-10%		1.72	1.46	2.13	2.61		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 10/17/23 1115

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ ~~Diffuser~~ Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	8260 VOCs (DCL)

Associated QA/QC Samples: —

Comments/Observations

Appendix B Laboratory Sheets

ANALYTICAL REPORT

October 31, 2023

ERO Resources

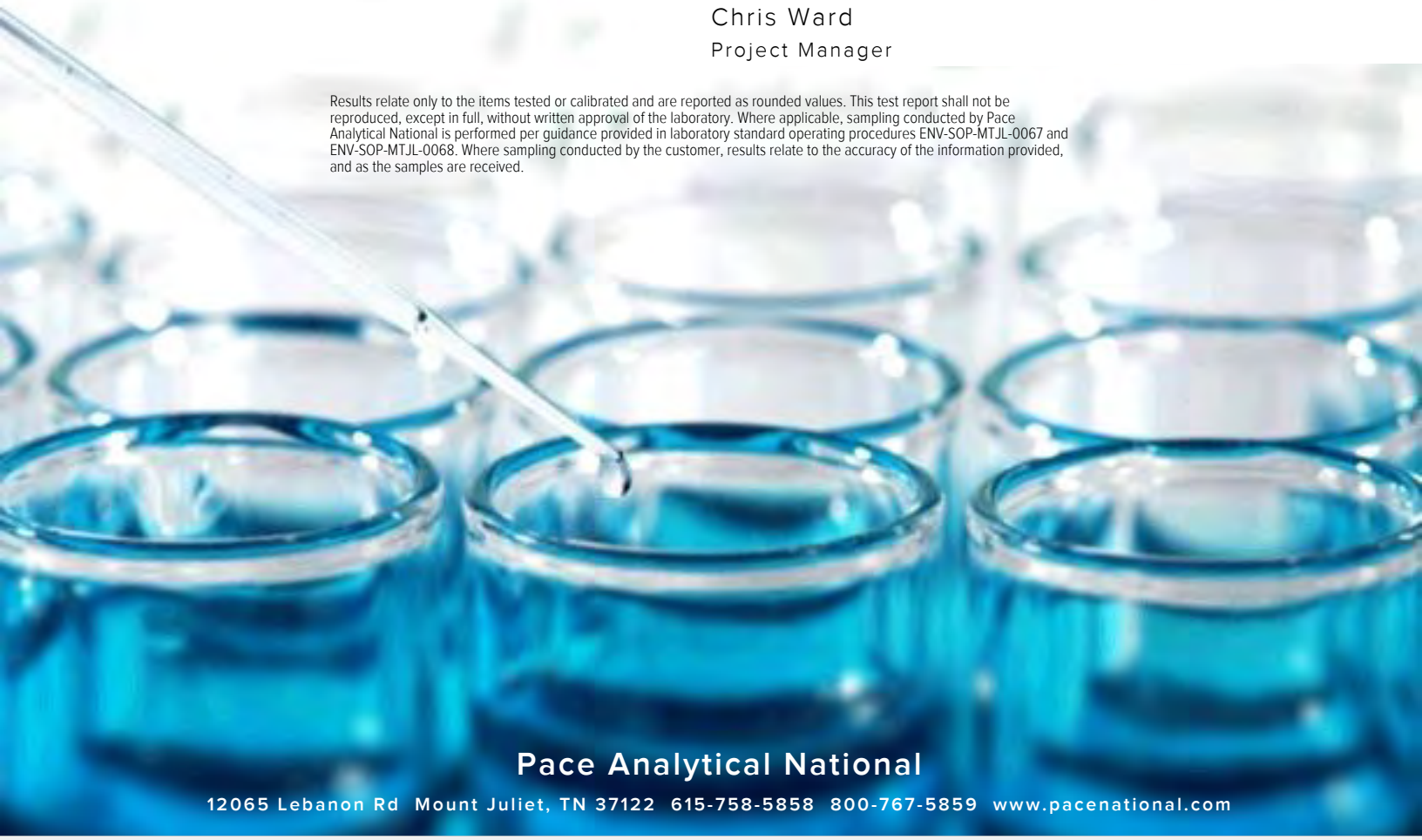
Sample Delivery Group:	L1667817
Samples Received:	10/18/2023
Project Number:	10197
Description:	Thornton Shopping Ctr.

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

Chris Ward
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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MW-27 L1667817-01 GW

Collected by | Collected date/time 10/16/23 10:25 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 13:22	10/22/23 13:22	JCP	Mt. Juliet, TN

MW-10 L1667817-02 GW

Collected by | Collected date/time 10/16/23 10:53 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 13:43	10/22/23 13:43	JCP	Mt. Juliet, TN

MW-17 L1667817-03 GW

Collected by | Collected date/time 10/16/23 11:20 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 14:04	10/22/23 14:04	JCP	Mt. Juliet, TN

MW-21 L1667817-04 GW

Collected by | Collected date/time 10/16/23 11:47 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 14:26	10/22/23 14:26	JCP	Mt. Juliet, TN

MW-22 L1667817-05 GW

Collected by | Collected date/time 10/16/23 12:11 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 14:47	10/22/23 14:47	JCP	Mt. Juliet, TN

MW-28 L1667817-06 GW

Collected by | Collected date/time 10/16/23 12:37 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 15:08	10/22/23 15:08	JCP	Mt. Juliet, TN

MW-23 L1667817-07 GW

Collected by | Collected date/time 10/16/23 13:07 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2156843	10	10/25/23 14:37	10/25/23 14:37	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 15:29	10/22/23 15:29	JCP	Mt. Juliet, TN

MW-08 L1667817-08 GW

Collected by | Collected date/time 10/16/23 13:37 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 15:50	10/22/23 15:50	JCP	Mt. Juliet, TN

MW-32 L1667817-09 GW

Collected by | Collected date/time 10/16/23 15:28 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 16:12	10/22/23 16:12	JCP	Mt. Juliet, TN

MW-03 L1667817-10 GW

Collected by | Collected date/time 10/16/23 14:32 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2155740	1	10/22/23 16:33	10/22/23 16:33	JCP	Mt. Juliet, TN

MW-04 L1667817-11 GW

Collected by | Collected date/time 10/16/23 14:53 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156020	1	10/23/23 01:14	10/23/23 01:14	JAH	Mt. Juliet, TN

MW-23D 56.5-61.5' L1667817-12 GW

Collected by | Collected date/time 10/16/23 11:30 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156519	1	10/23/23 21:06	10/23/23 21:06	JCP	Mt. Juliet, TN

MW-01 L1667817-13 GW

Collected by | Collected date/time 10/16/23 11:55 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156020	1	10/23/23 01:35	10/23/23 01:35	JAH	Mt. Juliet, TN

MW-26D L1667817-14 GW

Collected by | Collected date/time 10/16/23 14:20 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2158460	1	10/28/23 21:05	10/28/23 21:05	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156020	1	10/23/23 01:56	10/23/23 01:56	JAH	Mt. Juliet, TN

MW-23D 47-52' L1667817-15 GW

Collected by | Collected date/time 10/16/23 15:15 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156020	10	10/23/23 02:39	10/23/23 02:39	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156519	1	10/23/23 21:25	10/23/23 21:25	JCP	Mt. Juliet, TN

MW-23D 31-33.5' L1667817-16 GW

Collected by | Collected date/time 10/16/23 15:45 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156519	1	10/23/23 21:44	10/23/23 21:44	JCP	Mt. Juliet, TN

MW-22D 48-53' L1667817-17 GW

Collected by	Collected date/time	Received date/time
	10/17/23 10:15	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156020	100	10/23/23 03:22	10/23/23 03:22	JAH	Mt. Juliet, TN

MW-05 L1667817-18 GW

Collected by	Collected date/time	Received date/time
	10/17/23 10:25	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	1	10/23/23 06:12	10/23/23 06:12	JCP	Mt. Juliet, TN

MW-22D 35-40' L1667817-19 GW

Collected by	Collected date/time	Received date/time
	10/17/23 10:35	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	200	10/23/23 08:42	10/23/23 08:42	JCP	Mt. Juliet, TN

MW-22D 55-60' L1667817-20 GW

Collected by	Collected date/time	Received date/time
	10/17/23 11:30	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	100	10/23/23 09:03	10/23/23 09:03	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2157087	2500	10/24/23 21:08	10/24/23 21:08	JCP	Mt. Juliet, TN

MW-31 L1667817-21 GW

Collected by	Collected date/time	Received date/time
	10/17/23 09:00	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	1	10/23/23 06:34	10/23/23 06:34	JCP	Mt. Juliet, TN

MW-34 L1667817-22 GW

Collected by	Collected date/time	Received date/time
	10/17/23 09:25	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	1	10/23/23 06:55	10/23/23 06:55	JCP	Mt. Juliet, TN

MW-33 L1667817-23 GW

Collected by	Collected date/time	Received date/time
	10/17/23 09:51	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	1	10/23/23 07:16	10/23/23 07:16	JCP	Mt. Juliet, TN

MW-16 L1667817-24 GW

Collected by	Collected date/time	Received date/time
	10/17/23 10:17	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	1	10/23/23 07:38	10/23/23 07:38	JCP	Mt. Juliet, TN

MW-16 DUP L1667817-25 GW

Collected by	Collected date/time	Received date/time
	10/17/23 10:17	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	1	10/23/23 07:59	10/23/23 07:59	JCP	Mt. Juliet, TN

MW-12R L1667817-26 GW

Collected by	Collected date/time	Received date/time
	10/17/23 10:43	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	1	10/23/23 08:20	10/23/23 08:20	JCP	Mt. Juliet, TN

MW-35 L1667817-27 GW

Collected by	Collected date/time	Received date/time
	10/17/23 11:15	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2157087	1	10/24/23 18:57	10/24/23 18:57	JCP	Mt. Juliet, TN

MW-25 L1667817-28 GW

Collected by	Collected date/time	Received date/time
	10/17/23 11:39	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	10	10/23/23 09:46	10/23/23 09:46	JCP	Mt. Juliet, TN

MW-30 L1667817-29 GW

Collected by	Collected date/time	Received date/time
	10/17/23 12:06	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	10	10/23/23 10:08	10/23/23 10:08	JCP	Mt. Juliet, TN

MW-02 L1667817-30 GW

Collected by	Collected date/time	Received date/time
	10/17/23 12:33	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	20	10/23/23 10:29	10/23/23 10:29	JCP	Mt. Juliet, TN

MW-29 L1667817-31 GW

Collected by	Collected date/time	Received date/time
	10/17/23 13:21	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	20	10/23/23 10:50	10/23/23 10:50	JCP	Mt. Juliet, TN

MW-06 L1667817-32 GW

Collected by	Collected date/time	Received date/time
	10/17/23 13:51	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2157087	20	10/24/23 21:30	10/24/23 21:30	JCP	Mt. Juliet, TN

MW-13 L1667817-33 GW

Collected by | Collected date/time 10/17/23 14:12 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2158460	10	10/28/23 21:21	10/28/23 21:21	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	200	10/23/23 11:33	10/23/23 11:33	JCP	Mt. Juliet, TN

MW-11 L1667817-34 GW

Collected by | Collected date/time 10/17/23 14:45 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	500	10/23/23 11:54	10/23/23 11:54	JCP	Mt. Juliet, TN

MW-22D 41-46' L1667817-35 GW

Collected by | Collected date/time 10/17/23 12:45 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	200	10/23/23 12:16	10/23/23 12:16	JCP	Mt. Juliet, TN

MW-22D 30-35' L1667817-36 GW

Collected by | Collected date/time 10/17/23 13:00 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	200	10/23/23 12:37	10/23/23 12:37	JCP	Mt. Juliet, TN

MW-15 L1667817-37 GW

Collected by | Collected date/time 10/17/23 14:20 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2158460	10	10/28/23 21:37	10/28/23 21:37	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156023	10	10/23/23 12:59	10/23/23 12:59	JCP	Mt. Juliet, TN

MW-14 L1667817-38 GW

Collected by | Collected date/time 10/17/23 14:45 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2158460	10	10/28/23 21:53	10/28/23 21:53	GEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156025	100	10/23/23 15:50	10/23/23 15:50	JCP	Mt. Juliet, TN

MW-09 L1667817-39 GW

Collected by | Collected date/time 10/17/23 15:10 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156025	200	10/23/23 16:11	10/23/23 16:11	JCP	Mt. Juliet, TN

MW-09 DUP L1667817-40 GW

Collected by | Collected date/time 10/17/23 15:12 | Received date/time 10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156025	200	10/23/23 16:31	10/23/23 16:31	JCP	Mt. Juliet, TN

SAMPLE SUMMARY

MW-22D 41-46 DUP L1667817-41 GW

			Collected by	Collected date/time	Received date/time
				10/17/23 12:47	10/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2156025	200	10/23/23 16:52	10/23/23 16:52	JCP	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.

Chris Ward
Project Manager

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	10/22/2023 13:22	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 13:22	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 13:22	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 13:22	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 13:22	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 13:22	WG2155740
(S) Toluene-d8	*109*			*80.0-120*		*10/22/2023 13:22*	WG2155740
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*10/22/2023 13:22*	WG2155740
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/22/2023 13:22*	WG2155740

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	10/22/2023 13:43	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 13:43	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 13:43	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 13:43	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 13:43	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 13:43	WG2155740
(S) Toluene-d8	*110*			*80.0-120*		*10/22/2023 13:43*	WG2155740
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*10/22/2023 13:43*	WG2155740
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/22/2023 13:43*	WG2155740

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	10/22/2023 14:04	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 14:04	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 14:04	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 14:04	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 14:04	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 14:04	WG2155740
(S) Toluene-d8	*109*			*80.0-120*		*10/22/2023 14:04*	WG2155740
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*10/22/2023 14:04*	WG2155740
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/22/2023 14:04*	WG2155740

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	10/22/2023 14:26	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 14:26	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 14:26	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 14:26	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 14:26	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 14:26	WG2155740
(S) Toluene-d8	*110*			*80.0-120*		*10/22/2023 14:26*	WG2155740
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*10/22/2023 14:26*	WG2155740
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/22/2023 14:26*	WG2155740

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.000543	J	0.000300	0.00100	1	10/22/2023 14:47	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 14:47	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 14:47	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 14:47	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 14:47	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 14:47	WG2155740
(S) Toluene-d8	*109*			*80.0-120*		*10/22/2023 14:47*	WG2155740
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/22/2023 14:47*	WG2155740
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*10/22/2023 14:47*	WG2155740

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.00868		0.000300	0.00100	1	10/22/2023 15:08	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 15:08	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 15:08	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 15:08	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 15:08	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 15:08	WG2155740
(S) Toluene-d8	*113*			*80.0-120*		*10/22/2023 15:08*	WG2155740
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*10/22/2023 15:08*	WG2155740
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/22/2023 15:08*	WG2155740

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	211		3.79	10.0	10	10/25/2023 14:37	WG2156843

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.00340		0.000300	0.00100	1	10/22/2023 15:29	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 15:29	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 15:29	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 15:29	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 15:29	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 15:29	WG2155740
(S) Toluene-d8	*109*			*80.0-120*		*10/22/2023 15:29*	WG2155740
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*10/22/2023 15:29*	WG2155740
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/22/2023 15:29*	WG2155740

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.000960	J	0.000300	0.00100	1	10/22/2023 15:50	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 15:50	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 15:50	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 15:50	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 15:50	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 15:50	WG2155740
(S) Toluene-d8	*108*			*80.0-120*		*10/22/2023 15:50*	WG2155740
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*10/22/2023 15:50*	WG2155740
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*10/22/2023 15:50*	WG2155740

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	0.0175		0.000300	0.00100	1	10/22/2023 16:12	WG2155740
Trichloroethene	0.00226		0.000190	0.00100	1	10/22/2023 16:12	WG2155740
cis-1,2-Dichloroethene	0.000665	J	0.000126	0.00100	1	10/22/2023 16:12	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 16:12	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 16:12	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 16:12	WG2155740
(S) Toluene-d8	*110*			*80.0-120*		*10/22/2023 16:12*	WG2155740
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*10/22/2023 16:12*	WG2155740
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/22/2023 16:12*	WG2155740

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0182		0.000300	0.00100	1	10/22/2023 16:33	WG2155740
Trichloroethene	U		0.000190	0.00100	1	10/22/2023 16:33	WG2155740
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/22/2023 16:33	WG2155740
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/22/2023 16:33	WG2155740
1,1-Dichloroethene	U		0.000188	0.00100	1	10/22/2023 16:33	WG2155740
Vinyl chloride	U		0.000234	0.00100	1	10/22/2023 16:33	WG2155740
(S) Toluene-d8	*111*			*80.0-120*		*10/22/2023 16:33*	WG2155740
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*10/22/2023 16:33*	WG2155740
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/22/2023 16:33*	WG2155740

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0678		0.000300	0.00100	1	10/23/2023 01:14	WG2156020
Trichloroethene	0.00274		0.000190	0.00100	1	10/23/2023 01:14	WG2156020
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/23/2023 01:14	WG2156020
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 01:14	WG2156020
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 01:14	WG2156020
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 01:14	WG2156020
(S) Toluene-d8	*110*			*80.0-120*		*10/23/2023 01:14*	WG2156020
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*10/23/2023 01:14*	WG2156020
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/23/2023 01:14*	WG2156020

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.166		0.000300	0.00100	1	10/23/2023 21:06	WG2156519
Trichloroethene	0.00397		0.000190	0.00100	1	10/23/2023 21:06	WG2156519
cis-1,2-Dichloroethene	0.000147	J	0.000126	0.00100	1	10/23/2023 21:06	WG2156519
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 21:06	WG2156519
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 21:06	WG2156519
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 21:06	WG2156519
(S) Toluene-d8	*113*			*80.0-120*		*10/23/2023 21:06*	WG2156519
(S) 4-Bromofluorobenzene	*87.0*			*77.0-126*		*10/23/2023 21:06*	WG2156519
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*10/23/2023 21:06*	WG2156519

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	10/23/2023 01:35	WG2156020
Trichloroethene	U		0.000190	0.00100	1	10/23/2023 01:35	WG2156020
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/23/2023 01:35	WG2156020
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 01:35	WG2156020
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 01:35	WG2156020
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 01:35	WG2156020
(S) Toluene-d8	*109*			*80.0-120*		*10/23/2023 01:35*	WG2156020
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*10/23/2023 01:35*	WG2156020
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/23/2023 01:35*	WG2156020

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	84.6		0.379	1.00	1	10/28/2023 21:05	WG2158460

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	10/23/2023 01:56	WG2156020
Trichloroethene	U		0.000190	0.00100	1	10/23/2023 01:56	WG2156020
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/23/2023 01:56	WG2156020
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 01:56	WG2156020
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 01:56	WG2156020
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 01:56	WG2156020
(S) Toluene-d8	*108*			*80.0-120*		*10/23/2023 01:56*	WG2156020
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*10/23/2023 01:56*	WG2156020
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/23/2023 01:56*	WG2156020

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.149		0.00300	0.0100	10	10/23/2023 02:39	WG2156020
Trichloroethene	0.00849		0.000190	0.00100	1	10/23/2023 21:25	WG2156519
cis-1,2-Dichloroethene	0.00255		0.000126	0.00100	1	10/23/2023 21:25	WG2156519
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 21:25	WG2156519
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 21:25	WG2156519
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 21:25	WG2156519
(S) Toluene-d8	*110*			*80.0-120*		*10/23/2023 02:39*	WG2156020
(S) Toluene-d8	*115*			*80.0-120*		*10/23/2023 21:25*	WG2156519
(S) 4-Bromofluorobenzene	*114*			*77.0-126*		*10/23/2023 02:39*	WG2156020
(S) 4-Bromofluorobenzene	*86.9*			*77.0-126*		*10/23/2023 21:25*	WG2156519
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/23/2023 02:39*	WG2156020
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/23/2023 21:25*	WG2156519

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.192		0.000300	0.00100	1	10/23/2023 21:44	WG2156519
Trichloroethene	0.00302		0.000190	0.00100	1	10/23/2023 21:44	WG2156519
cis-1,2-Dichloroethene	0.00310		0.000126	0.00100	1	10/23/2023 21:44	WG2156519
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 21:44	WG2156519
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 21:44	WG2156519
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 21:44	WG2156519
(S) Toluene-d8	*112*			*80.0-120*		*10/23/2023 21:44*	WG2156519
(S) 4-Bromofluorobenzene	*89.1*			*77.0-126*		*10/23/2023 21:44*	WG2156519
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/23/2023 21:44*	WG2156519

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	3.50		0.0300	0.100	100	10/23/2023 03:22	WG2156020
Trichloroethene	U		0.0190	0.100	100	10/23/2023 03:22	WG2156020
cis-1,2-Dichloroethene	U		0.0126	0.100	100	10/23/2023 03:22	WG2156020
trans-1,2-Dichloroethene	U		0.0149	0.100	100	10/23/2023 03:22	WG2156020
1,1-Dichloroethene	U		0.0188	0.100	100	10/23/2023 03:22	WG2156020
Vinyl chloride	U		0.0234	0.100	100	10/23/2023 03:22	WG2156020
(S) Toluene-d8	*109*			*80.0-120*		*10/23/2023 03:22*	WG2156020
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 03:22*	WG2156020
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/23/2023 03:22*	WG2156020

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	10/23/2023 06:12	WG2156023
Trichloroethene	U		0.000190	0.00100	1	10/23/2023 06:12	WG2156023
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/23/2023 06:12	WG2156023
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 06:12	WG2156023
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 06:12	WG2156023
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 06:12	WG2156023
(S) Toluene-d8	*108*			*80.0-120*		*10/23/2023 06:12*	WG2156023
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*10/23/2023 06:12*	WG2156023
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/23/2023 06:12*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	4.68		0.0600	0.200	200	10/23/2023 08:42	WG2156023
Trichloroethene	U		0.0380	0.200	200	10/23/2023 08:42	WG2156023
cis-1,2-Dichloroethene	U		0.0252	0.200	200	10/23/2023 08:42	WG2156023
trans-1,2-Dichloroethene	U		0.0298	0.200	200	10/23/2023 08:42	WG2156023
1,1-Dichloroethene	U		0.0376	0.200	200	10/23/2023 08:42	WG2156023
Vinyl chloride	U		0.0468	0.200	200	10/23/2023 08:42	WG2156023
(S) Toluene-d8	*108*			*80.0-120*		*10/23/2023 08:42*	WG2156023
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 08:42*	WG2156023
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/23/2023 08:42*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	104		0.750	2.50	2500	10/24/2023 21:08	WG2157087
Trichloroethene	U		0.0190	0.100	100	10/23/2023 09:03	WG2156023
cis-1,2-Dichloroethene	U		0.0126	0.100	100	10/23/2023 09:03	WG2156023
trans-1,2-Dichloroethene	U		0.0149	0.100	100	10/23/2023 09:03	WG2156023
1,1-Dichloroethene	U		0.0188	0.100	100	10/23/2023 09:03	WG2156023
Vinyl chloride	U		0.0234	0.100	100	10/23/2023 09:03	WG2156023
(S) Toluene-d8	*111*			*80.0-120*		*10/23/2023 09:03*	WG2156023
(S) Toluene-d8	*103*			*80.0-120*		*10/24/2023 21:08*	WG2157087
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*10/23/2023 09:03*	WG2156023
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*10/24/2023 21:08*	WG2157087
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/23/2023 09:03*	WG2156023
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/24/2023 21:08*	WG2157087

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0143		0.000300	0.00100	1	10/23/2023 06:34	WG2156023
Trichloroethene	0.00220		0.000190	0.00100	1	10/23/2023 06:34	WG2156023
cis-1,2-Dichloroethene	0.000288	J	0.000126	0.00100	1	10/23/2023 06:34	WG2156023
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 06:34	WG2156023
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 06:34	WG2156023
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 06:34	WG2156023
(S) Toluene-d8	*110*			*80.0-120*		*10/23/2023 06:34*	WG2156023
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 06:34*	WG2156023
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/23/2023 06:34*	WG2156023

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	0.0754		0.000300	0.00100	1	10/23/2023 06:55	WG2156023
Trichloroethene	0.117		0.000190	0.00100	1	10/23/2023 06:55	WG2156023
cis-1,2-Dichloroethene	0.0424		0.000126	0.00100	1	10/23/2023 06:55	WG2156023
trans-1,2-Dichloroethene	0.0250		0.000149	0.00100	1	10/23/2023 06:55	WG2156023
1,1-Dichloroethene	0.000479	J	0.000188	0.00100	1	10/23/2023 06:55	WG2156023
Vinyl chloride	0.000390	J	0.000234	0.00100	1	10/23/2023 06:55	WG2156023
(S) Toluene-d8	*109*			*80.0-120*		*10/23/2023 06:55*	WG2156023
(S) 4-Bromofluorobenzene	*110*			*77.0-126*		*10/23/2023 06:55*	WG2156023
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/23/2023 06:55*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0700		0.000300	0.00100	1	10/23/2023 07:16	WG2156023
Trichloroethene	0.00208		0.000190	0.00100	1	10/23/2023 07:16	WG2156023
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	10/23/2023 07:16	WG2156023
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 07:16	WG2156023
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 07:16	WG2156023
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 07:16	WG2156023
(S) Toluene-d8	*108*			*80.0-120*		*10/23/2023 07:16*	WG2156023
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*10/23/2023 07:16*	WG2156023
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/23/2023 07:16*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.178		0.000300	0.00100	1	10/23/2023 07:38	WG2156023
Trichloroethene	0.00398		0.000190	0.00100	1	10/23/2023 07:38	WG2156023
cis-1,2-Dichloroethene	0.00496		0.000126	0.00100	1	10/23/2023 07:38	WG2156023
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 07:38	WG2156023
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 07:38	WG2156023
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 07:38	WG2156023
(S) Toluene-d8	*112*			*80.0-120*		*10/23/2023 07:38*	WG2156023
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*10/23/2023 07:38*	WG2156023
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/23/2023 07:38*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.185		0.000300	0.00100	1	10/23/2023 07:59	WG2156023
Trichloroethene	0.00480		0.000190	0.00100	1	10/23/2023 07:59	WG2156023
cis-1,2-Dichloroethene	0.00581		0.000126	0.00100	1	10/23/2023 07:59	WG2156023
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 07:59	WG2156023
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 07:59	WG2156023
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 07:59	WG2156023
(S) Toluene-d8	*109*			*80.0-120*		*10/23/2023 07:59*	WG2156023
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 07:59*	WG2156023
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/23/2023 07:59*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.114		0.000300	0.00100	1	10/23/2023 08:20	WG2156023
Trichloroethene	0.000866	J	0.000190	0.00100	1	10/23/2023 08:20	WG2156023
cis-1,2-Dichloroethene	0.000420	J	0.000126	0.00100	1	10/23/2023 08:20	WG2156023
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/23/2023 08:20	WG2156023
1,1-Dichloroethene	U		0.000188	0.00100	1	10/23/2023 08:20	WG2156023
Vinyl chloride	U		0.000234	0.00100	1	10/23/2023 08:20	WG2156023
(S) Toluene-d8	*109*			*80.0-120*		*10/23/2023 08:20*	WG2156023
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 08:20*	WG2156023
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/23/2023 08:20*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0918		0.000300	0.00100	1	10/24/2023 18:57	WG2157087
Trichloroethene	0.00197		0.000190	0.00100	1	10/24/2023 18:57	WG2157087
cis-1,2-Dichloroethene	0.000532	J	0.000126	0.00100	1	10/24/2023 18:57	WG2157087
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	10/24/2023 18:57	WG2157087
1,1-Dichloroethene	U		0.000188	0.00100	1	10/24/2023 18:57	WG2157087
Vinyl chloride	U		0.000234	0.00100	1	10/24/2023 18:57	WG2157087
(S) Toluene-d8	*105*			*80.0-120*		*10/24/2023 18:57*	WG2157087
(S) 4-Bromofluorobenzene	*94.0*			*77.0-126*		*10/24/2023 18:57*	WG2157087
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/24/2023 18:57*	WG2157087

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.270		0.00300	0.0100	10	10/23/2023 09:46	WG2156023
Trichloroethene	0.0215		0.00190	0.0100	10	10/23/2023 09:46	WG2156023
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	10/23/2023 09:46	WG2156023
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	10/23/2023 09:46	WG2156023
1,1-Dichloroethene	U		0.00188	0.0100	10	10/23/2023 09:46	WG2156023
Vinyl chloride	U		0.00234	0.0100	10	10/23/2023 09:46	WG2156023
(S) Toluene-d8	*110*			*80.0-120*		*10/23/2023 09:46*	WG2156023
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 09:46*	WG2156023
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/23/2023 09:46*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.165		0.00300	0.0100	10	10/23/2023 10:08	WG2156023
Trichloroethene	0.00441	J	0.00190	0.0100	10	10/23/2023 10:08	WG2156023
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	10/23/2023 10:08	WG2156023
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	10/23/2023 10:08	WG2156023
1,1-Dichloroethene	U		0.00188	0.0100	10	10/23/2023 10:08	WG2156023
Vinyl chloride	U		0.00234	0.0100	10	10/23/2023 10:08	WG2156023
(S) Toluene-d8	*110*			*80.0-120*		*10/23/2023 10:08*	WG2156023
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*10/23/2023 10:08*	WG2156023
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/23/2023 10:08*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.349		0.00600	0.0200	20	10/23/2023 10:29	WG2156023
Trichloroethene	U		0.00380	0.0200	20	10/23/2023 10:29	WG2156023
cis-1,2-Dichloroethene	U		0.00252	0.0200	20	10/23/2023 10:29	WG2156023
trans-1,2-Dichloroethene	U		0.00298	0.0200	20	10/23/2023 10:29	WG2156023
1,1-Dichloroethene	U		0.00376	0.0200	20	10/23/2023 10:29	WG2156023
Vinyl chloride	U		0.00468	0.0200	20	10/23/2023 10:29	WG2156023
(S) Toluene-d8	*109*			*80.0-120*		*10/23/2023 10:29*	WG2156023
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*10/23/2023 10:29*	WG2156023
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/23/2023 10:29*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.550		0.00600	0.0200	20	10/23/2023 10:50	WG2156023
Trichloroethene	0.0339		0.00380	0.0200	20	10/23/2023 10:50	WG2156023
cis-1,2-Dichloroethene	0.00333	J	0.00252	0.0200	20	10/23/2023 10:50	WG2156023
trans-1,2-Dichloroethene	U		0.00298	0.0200	20	10/23/2023 10:50	WG2156023
1,1-Dichloroethene	U		0.00376	0.0200	20	10/23/2023 10:50	WG2156023
Vinyl chloride	U		0.00468	0.0200	20	10/23/2023 10:50	WG2156023
(S) Toluene-d8	*110*			*80.0-120*		*10/23/2023 10:50*	WG2156023
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*10/23/2023 10:50*	WG2156023
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/23/2023 10:50*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	2.09		0.00600	0.0200	20	10/24/2023 21:30	WG2157087
Trichloroethene	0.0188	J	0.00380	0.0200	20	10/24/2023 21:30	WG2157087
cis-1,2-Dichloroethene	0.0360		0.00252	0.0200	20	10/24/2023 21:30	WG2157087
trans-1,2-Dichloroethene	U		0.00298	0.0200	20	10/24/2023 21:30	WG2157087
1,1-Dichloroethene	U		0.00376	0.0200	20	10/24/2023 21:30	WG2157087
Vinyl chloride	0.00553	J	0.00468	0.0200	20	10/24/2023 21:30	WG2157087
(S) Toluene-d8	*103*			*80.0-120*		*10/24/2023 21:30*	WG2157087
(S) 4-Bromofluorobenzene	*95.7*			*77.0-126*		*10/24/2023 21:30*	WG2157087
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/24/2023 21:30*	WG2157087

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	458		3.79	10.0	10	10/28/2023 21:21	WG2158460

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	4.55		0.0600	0.200	200	10/23/2023 11:33	WG2156023
Trichloroethene	U		0.0380	0.200	200	10/23/2023 11:33	WG2156023
cis-1,2-Dichloroethene	U		0.0252	0.200	200	10/23/2023 11:33	WG2156023
trans-1,2-Dichloroethene	U		0.0298	0.200	200	10/23/2023 11:33	WG2156023
1,1-Dichloroethene	U		0.0376	0.200	200	10/23/2023 11:33	WG2156023
Vinyl chloride	U		0.0468	0.200	200	10/23/2023 11:33	WG2156023
(S) Toluene-d8	*110*			*80.0-120*		*10/23/2023 11:33*	WG2156023
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 11:33*	WG2156023
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/23/2023 11:33*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	25.7		0.150	0.500	500	10/23/2023 11:54	WG2156023
Trichloroethene	0.217	J	0.0950	0.500	500	10/23/2023 11:54	WG2156023
cis-1,2-Dichloroethene	0.512		0.0630	0.500	500	10/23/2023 11:54	WG2156023
trans-1,2-Dichloroethene	U		0.0745	0.500	500	10/23/2023 11:54	WG2156023
1,1-Dichloroethene	U		0.0940	0.500	500	10/23/2023 11:54	WG2156023
Vinyl chloride	U		0.117	0.500	500	10/23/2023 11:54	WG2156023
(S) Toluene-d8	*111*			*80.0-120*		*10/23/2023 11:54*	WG2156023
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 11:54*	WG2156023
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/23/2023 11:54*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	3.20		0.0600	0.200	200	10/23/2023 12:16	WG2156023
Trichloroethene	U		0.0380	0.200	200	10/23/2023 12:16	WG2156023
cis-1,2-Dichloroethene	U		0.0252	0.200	200	10/23/2023 12:16	WG2156023
trans-1,2-Dichloroethene	U		0.0298	0.200	200	10/23/2023 12:16	WG2156023
1,1-Dichloroethene	U		0.0376	0.200	200	10/23/2023 12:16	WG2156023
Vinyl chloride	U		0.0468	0.200	200	10/23/2023 12:16	WG2156023
(S) Toluene-d8	*109*			*80.0-120*		*10/23/2023 12:16*	WG2156023
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*10/23/2023 12:16*	WG2156023
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/23/2023 12:16*	WG2156023

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	4.67		0.0600	0.200	200	10/23/2023 12:37	WG2156023
Trichloroethene	U		0.0380	0.200	200	10/23/2023 12:37	WG2156023
cis-1,2-Dichloroethene	U		0.0252	0.200	200	10/23/2023 12:37	WG2156023
trans-1,2-Dichloroethene	U		0.0298	0.200	200	10/23/2023 12:37	WG2156023
1,1-Dichloroethene	U		0.0376	0.200	200	10/23/2023 12:37	WG2156023
Vinyl chloride	U		0.0468	0.200	200	10/23/2023 12:37	WG2156023
(S) Toluene-d8	*109*			*80.0-120*		*10/23/2023 12:37*	WG2156023
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/23/2023 12:37*	WG2156023
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/23/2023 12:37*	WG2156023

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	591		3.79	10.0	10	10/28/2023 21:37	WG2158460

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	1.71		0.00300	0.0100	10	10/23/2023 12:59	WG2156023
Trichloroethene	0.0115		0.00190	0.0100	10	10/23/2023 12:59	WG2156023
cis-1,2-Dichloroethene	0.0179		0.00126	0.0100	10	10/23/2023 12:59	WG2156023
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	10/23/2023 12:59	WG2156023
1,1-Dichloroethene	U		0.00188	0.0100	10	10/23/2023 12:59	WG2156023
Vinyl chloride	U		0.00234	0.0100	10	10/23/2023 12:59	WG2156023
(S) Toluene-d8	*112*			*80.0-120*		*10/23/2023 12:59*	WG2156023
(S) 4-Bromofluorobenzene	*114*			*77.0-126*		*10/23/2023 12:59*	WG2156023
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/23/2023 12:59*	WG2156023

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	425		3.79	10.0	10	10/28/2023 21:53	WG2158460

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	5.06		0.0300	0.100	100	10/23/2023 15:50	WG2156025
Trichloroethene	0.0234	J	0.0190	0.100	100	10/23/2023 15:50	WG2156025
cis-1,2-Dichloroethene	0.0524	J	0.0126	0.100	100	10/23/2023 15:50	WG2156025
trans-1,2-Dichloroethene	U		0.0149	0.100	100	10/23/2023 15:50	WG2156025
1,1-Dichloroethene	U		0.0188	0.100	100	10/23/2023 15:50	WG2156025
Vinyl chloride	U		0.0234	0.100	100	10/23/2023 15:50	WG2156025
(S) Toluene-d8	*97.8*			*80.0-120*		*10/23/2023 15:50*	WG2156025
(S) 4-Bromofluorobenzene	*86.8*			*77.0-126*		*10/23/2023 15:50*	WG2156025
(S) 1,2-Dichloroethane-d4	*126*			*70.0-130*		*10/23/2023 15:50*	WG2156025

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	3.35		0.0600	0.200	200	10/23/2023 16:11	WG2156025
Trichloroethene	U		0.0380	0.200	200	10/23/2023 16:11	WG2156025
cis-1,2-Dichloroethene	U		0.0252	0.200	200	10/23/2023 16:11	WG2156025
trans-1,2-Dichloroethene	U		0.0298	0.200	200	10/23/2023 16:11	WG2156025
1,1-Dichloroethene	U		0.0376	0.200	200	10/23/2023 16:11	WG2156025
Vinyl chloride	U		0.0468	0.200	200	10/23/2023 16:11	WG2156025
(S) Toluene-d8	*98.6*			*80.0-120*		*10/23/2023 16:11*	WG2156025
(S) 4-Bromofluorobenzene	*87.2*			*77.0-126*		*10/23/2023 16:11*	WG2156025
(S) 1,2-Dichloroethane-d4	*127*			*70.0-130*		*10/23/2023 16:11*	WG2156025

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	3.58		0.0600	0.200	200	10/23/2023 16:31	WG2156025
Trichloroethene	U		0.0380	0.200	200	10/23/2023 16:31	WG2156025
cis-1,2-Dichloroethene	0.0376	J	0.0252	0.200	200	10/23/2023 16:31	WG2156025
trans-1,2-Dichloroethene	U		0.0298	0.200	200	10/23/2023 16:31	WG2156025
1,1-Dichloroethene	U		0.0376	0.200	200	10/23/2023 16:31	WG2156025
Vinyl chloride	U		0.0468	0.200	200	10/23/2023 16:31	WG2156025
(S) Toluene-d8	*99.6*			*80.0-120*		*10/23/2023 16:31*	WG2156025
(S) 4-Bromofluorobenzene	*87.5*			*77.0-126*		*10/23/2023 16:31*	WG2156025
(S) 1,2-Dichloroethane-d4	*130*			*70.0-130*		*10/23/2023 16:31*	WG2156025

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	2.81		0.0600	0.200	200	10/23/2023 16:52	WG2156025
Trichloroethene	U		0.0380	0.200	200	10/23/2023 16:52	WG2156025
cis-1,2-Dichloroethene	U		0.0252	0.200	200	10/23/2023 16:52	WG2156025
trans-1,2-Dichloroethene	U		0.0298	0.200	200	10/23/2023 16:52	WG2156025
1,1-Dichloroethene	U		0.0376	0.200	200	10/23/2023 16:52	WG2156025
Vinyl chloride	U		0.0468	0.200	200	10/23/2023 16:52	WG2156025
(S) Toluene-d8	*97.5*			*80.0-120*		*10/23/2023 16:52*	WG2156025
(S) 4-Bromofluorobenzene	*84.2*			*77.0-126*		*10/23/2023 16:52*	WG2156025
(S) 1,2-Dichloroethane-d4	*129*			*70.0-130*		*10/23/2023 16:52*	WG2156025

Method Blank (MB)

(MB) R3991684-1 10/25/23 12:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1667309-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1667309-01 10/25/23 13:20 • (DUP) R3991684-3 10/25/23 13:33

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	18.9	18.8	1	0.473		15

L1668226-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1668226-03 10/25/23 18:01 • (DUP) R3991684-6 10/25/23 18:13

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	445	457	100	2.68		15

Sample Narrative:

OS: Dilution due to matrix.

Laboratory Control Sample (LCS)

(LCS) R3991684-2 10/25/23 12:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.7	96.6	80.0-120	

L1667309-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1667309-01 10/25/23 13:20 • (MS) R3991684-4 10/25/23 13:46 • (MSD) R3991684-5 10/25/23 13:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	18.9	54.7	54.8	89.5	89.8	1	80.0-120			0.188	15

L1668226-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1668226-03 10/25/23 18:01 • (MS) R3991684-7 10/25/23 18:26 • (MSD) R3991684-8 10/25/23 18:39

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	445	4290	4250	9620	9520	100	80.0-120	V	V	0.988	15

Sample Narrative:

OS: Dilution due to matrix.

Method Blank (MB)

(MB) R3992996-1 10/28/23 09:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1667797-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1667797-20 10/28/23 10:26 • (DUP) R3992996-3 10/28/23 10:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	145	145	1	0.0147		15

L1667797-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1667797-22 10/28/23 19:29 • (DUP) R3992996-5 10/28/23 20:17

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	141	141	1	0.0544		15

Laboratory Control Sample (LCS)

(LCS) R3992996-2 10/28/23 10:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.6	101	80.0-120	

L1667797-20 Original Sample (OS) • Matrix Spike (MS)

(OS) L1667797-20 10/28/23 10:26 • (MS) R3992996-4 10/28/23 10:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	145	157	28.4	1	80.0-120	J6

L1668238-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1668238-01 10/28/23 22:08 • (MS) R3992996-6 10/28/23 22:24 • (MSD) R3992996-7 10/28/23 22:40

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	161	165	164	8.26	7.77	5	80.0-120	V	V	0.119	15

Method Blank (MB)

(MB) R3990681-2 10/22/23 09:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3990681-1 10/22/23 08:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Tetrachloroethene	0.00500	0.00517	103	72.0-132	
Trichloroethene	0.00500	0.00527	105	78.0-124	
cis-1,2-Dichloroethene	0.00500	0.00488	97.6	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00496	99.2	73.0-120	
1,1-Dichloroethene	0.00500	0.00498	99.6	71.0-124	
Vinyl chloride	0.00500	0.00488	97.6	67.0-131	
(S) Toluene-d8			*108*	*80.0-120*	
(S) 4-Bromofluorobenzene			*110*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*107*	*70.0-130*	

Method Blank (MB)

(MB) R3989880-3 10/22/23 18:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*109*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

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

(LCS) R3989880-1 10/22/23 17:15 • (LCSD) R3989880-2 10/22/23 17:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00473	0.00495	94.6	99.0	72.0-132			4.55	20
Trichloroethene	0.00500	0.00487	0.00539	97.4	108	78.0-124			10.1	20
cis-1,2-Dichloroethene	0.00500	0.00465	0.00443	93.0	88.6	73.0-120			4.85	20
trans-1,2-Dichloroethene	0.00500	0.00451	0.00472	90.2	94.4	73.0-120			4.55	20
1,1-Dichloroethene	0.00500	0.00414	0.00461	82.8	92.2	71.0-124			10.7	20
Vinyl chloride	0.00500	0.00426	0.00481	85.2	96.2	67.0-131			12.1	20
(S) Toluene-d8				*108*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*111*	*112*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*108*	*110*	*70.0-130*				

L1667809-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1667809-09 10/23/23 00:31 • (MS) R3989880-4 10/23/23 03:43 • (MSD) R3989880-5 10/23/23 04:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	U	0.00562	0.00484	112	96.8	1	10.0-160			14.9	27
Trichloroethene	0.00500	U	0.00526	0.00464	105	92.8	1	10.0-160			12.5	25
cis-1,2-Dichloroethene	0.00500	0.0102	0.0140	0.0112	76.0	20.0	1	10.0-160			22.2	27
trans-1,2-Dichloroethene	0.00500	U	0.00534	0.00432	107	86.4	1	17.0-153			21.1	27
1,1-Dichloroethene	0.00500	U	0.00501	0.00459	100	91.8	1	11.0-160			8.75	29
Vinyl chloride	0.00500	U	0.00570	0.00505	114	101	1	10.0-160			12.1	27
(S) Toluene-d8					*105*	*107*		*80.0-120*				
(S) 4-Bromofluorobenzene					*111*	*110*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*107*	*106*		*70.0-130*				

Method Blank (MB)

(MB) R3990247-2 10/23/23 05:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*111*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3990247-1 10/23/23 04:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Tetrachloroethene	0.00500	0.00495	99.0	72.0-132	
Trichloroethene	0.00500	0.00495	99.0	78.0-124	
cis-1,2-Dichloroethene	0.00500	0.00466	93.2	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00460	92.0	73.0-120	
1,1-Dichloroethene	0.00500	0.00455	91.0	71.0-124	
Vinyl chloride	0.00500	0.00442	88.4	67.0-131	
(S) Toluene-d8			*105*	*80.0-120*	
(S) 4-Bromofluorobenzene			*109*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*108*	*70.0-130*	

Method Blank (MB)

(MB) R3990682-3 10/23/23 10:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*94.8*			*80.0-120*
(S) 4-Bromofluorobenzene	*85.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*

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

(LCS) R3990682-1 10/23/23 08:40 • (LCSD) R3990682-2 10/23/23 09:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00448	0.00463	89.6	92.6	72.0-132			3.29	20
Trichloroethene	0.00500	0.00507	0.00476	101	95.2	78.0-124			6.31	20
cis-1,2-Dichloroethene	0.00500	0.00485	0.00483	97.0	96.6	73.0-120			0.413	20
trans-1,2-Dichloroethene	0.00500	0.00442	0.00463	88.4	92.6	73.0-120			4.64	20
1,1-Dichloroethene	0.00500	0.00440	0.00430	88.0	86.0	71.0-124			2.30	20
Vinyl chloride	0.00500	0.00538	0.00541	108	108	67.0-131			0.556	20
(S) Toluene-d8				*93.8*	*94.5*	*80.0-120*				
(S) 4-Bromofluorobenzene				*89.9*	*92.5*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*125*	*126*	*70.0-130*				

L1667894-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1667894-03 10/23/23 12:26 • (MS) R3990682-4 10/23/23 17:12 • (MSD) R3990682-5 10/23/23 17:32

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	U	0.00557	0.00510	111	102	1	10.0-160			8.81	27
Trichloroethene	0.00500	U	0.00518	0.00516	104	103	1	10.0-160			0.387	25
cis-1,2-Dichloroethene	0.00500	U	0.00567	0.00544	113	109	1	10.0-160			4.14	27
trans-1,2-Dichloroethene	0.00500	U	0.00510	0.00490	102	98.0	1	17.0-153			4.00	27
1,1-Dichloroethene	0.00500	U	0.00527	0.00503	105	101	1	11.0-160			4.66	29
Vinyl chloride	0.00500	U	0.00659	0.00650	132	130	1	10.0-160			1.38	27
(S) Toluene-d8					*95.3*	*96.9*		*80.0-120*				
(S) 4-Bromofluorobenzene					*90.8*	*92.3*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*123*	*122*		*70.0-130*				

Method Blank (MB)

(MB) R3990459-3 10/23/23 19:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*116*			*80.0-120*
(S) 4-Bromofluorobenzene	*86.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*

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

(LCS) R3990459-1 10/23/23 18:18 • (LCSD) R3990459-2 10/23/23 19:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00602	0.00599	120	120	72.0-132			0.500	20
Trichloroethene	0.00500	0.00500	0.00481	100	96.2	78.0-124			3.87	20
cis-1,2-Dichloroethene	0.00500	0.00471	0.00468	94.2	93.6	73.0-120			0.639	20
trans-1,2-Dichloroethene	0.00500	0.00458	0.00449	91.6	89.8	73.0-120			1.98	20
1,1-Dichloroethene	0.00500	0.00453	0.00481	90.6	96.2	71.0-124			6.00	20
Vinyl chloride	0.00500	0.00550	0.00534	110	107	67.0-131			2.95	20
(S) Toluene-d8				*113*	*114*	*80.0-120*				
(S) 4-Bromofluorobenzene				*90.5*	*94.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*104*	*70.0-130*				

Method Blank (MB)

(MB) R3990975-2 10/24/23 16:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3990975-1 10/24/23 15:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Tetrachloroethene	0.00500	0.00524	105	72.0-132	
Trichloroethene	0.00500	0.00543	109	78.0-124	
cis-1,2-Dichloroethene	0.00500	0.00534	107	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00554	111	73.0-120	
1,1-Dichloroethene	0.00500	0.00560	112	71.0-124	
Vinyl chloride	0.00500	0.00599	120	67.0-131	
(S) Toluene-d8			*102*	*80.0-120*	
(S) 4-Bromofluorobenzene			*96.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*108*	*70.0-130*	

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
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

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.

ERO Resources Corp.
1626 Cole Blvd, Suite 100
Lakewood, CO 80401

Billing Information: same

Pres Chk

Report to: Jack Denman

Email To: jdenman@eroresources.com

Project Description: TSC

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: 303-830-1188

Client Project # 10197

Lab Project #

Collected by (print): JK | GM | CS | JR

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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: Standard

Analysis / Container / Preservative

Chain of Custody Page 1 of 5

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 166817

D212

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs 8260 (Dry Cleaner List)	Chloride	Remarks	Sample # (lab only)
MW-27	Grab	GW	—	10/16/23	1025	3	X			-01
MW-10			—		1053	3	X			-02
MW-17			—		1120	3	X			-03
MW-21			—		1147	3	X			-04
MW-22			—		1211	3	X			-05
MW-28			—		1237	3	X			-06
MW-23			—		1307	4	X	X		-07
MW-08			—		1337	3	X			-08
MW-32			—		1528	3	X			-09
MW-03	↓	↓	—	↓	1432	3	X			-10

* 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 # 7074 8787 3964

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	If preservation required by Login: Date/Time
Craig Sowka	10/17/23	1615	FedEx Corning		
FedEx Corning	10/17/23	1800	FEDEX	Temp: COOL °C Bottles Received: 20+0=20 124	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / (OK)
			Alexa Mitchell	10/18/23 0900	

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to: **Jack Denman**

Email To: **jdenman@eroresources.com;csovka@eroresour**

Project Description: **Thornton Shopping Ctr.**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **303-830-1188**

Client Project # **10197**

Lab Project # **ERORESDCO-10197**

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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: standard

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	V8260 40mlAmb-HCl								Remarks	Sample # (lab only)
MW-04	Grab	GW	—	10/16/23	1453			X									11
MW-23D 56.5-61.5'		GW			1130			X									12
MW-01		GW			1155			X									13
MW-26D		GW			1420	4	X	X									14
MW-23D 47-52'		GW			1515			X									15
MW-23D 31-33.5'		GW			1545			X									16
MW-22D 48-53'		GW		10/17/23	1015			X									17
MW-05		GW			1025			X									18
MW-22D 35-40'		GW			1035			X									19
MW-22D 55-60'	✓	GW			1130			X									20

* 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 # 7074 8787 3964

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
Craig Sovka	10/17/23	1615	Bobbi Corvino	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: C 4.8°C Bottles Received:
Bobbi Corvino	10/17/23	1900	FEDEX	2.0 to 2.0 12.4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			Alexa Mitchell @	10/18/23 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Chain of Custody Page 2 of 5

Pace
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MT JULIET, TN

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SDG # 166781

Table #

Acctnum: **ERORESDCO**
Template: **T228756**
Prelogin: **P1030556**
PM: **824 - Chris Ward**
PB:

Shipped Via: **FedEx Ground**

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to: **Jack Denman**

Email To: **jdenman@eroresources.com;csovka@eroresour**

Project Description: **Thornton Shopping Ctr.**

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: **303-830-1188**

Client Project # **10197**

Lab Project # **ERORESDCO-10197**

Collected by (print): JK/GM/CS/JR

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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: standard

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	V8260 40mlAmb-HCl								Remarks	Sample # (lab only)
mw-31	Gab	GW	—	10/17/23	0900	3		X									-21
mw-34	↓	GW	—	↓	0925	3		X									-22
mw-33		GW	—		0951	3		X									-23
mw-16		GW	—		1017	3		X									-24
mw-16 DUP		GW	—		1017	3		X									-25
mw-12R		GW	—		1043	3		X									-26
mw-35		GW	—		1115	3		X									-27
mw-25		GW	—		1139	3		X									-28
mw-30		GW	—		1206	3		X									-29
mw-02	↓	GW	—	↓	1233	3		X									-30

Chain of Custody Page 3 of 5

Pace
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SDG # 167817

Table #

Acctnum: **ERORESDCO**
Template: **T228756**
Prelogin: **P1030556**
PM: **824 - Chris Ward**
PB:

Shipped Via: **FedEX Ground**

* 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 # 7074 8787 3964

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	If preservation required by Login: Date/Time
Craig Sovka	10/17/23	1615	Gage Carrino		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: CORR °C Bottles Received:	
Gage Carrino	10/17/23	1800	FEDEX	2.0 to 2.0 124	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / (OK)
			alexa mitchell @	10/18/23 0900	

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to: **Jack Denman**

Email To: **jdenman@eroresources.com;csovka@eroresour**

Project Description: **Thornton Shopping Ctr.**

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: **303-830-1188**

Client Project # **10197**

Lab Project # **ERORESDCO-10197**

Collected by (print): JK/GM/CS/JR

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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: Standard

Analysis / Container / Preservative

Chain of Custody Page 4 of 5

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SDG # 166787

Table #

Acctnum: **ERORESDCO**
Template: **T228756**
Prelogin: **P1030556**
PM: **824 - Chris Ward**
PB:

Shipped Via: **FedEx Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	V8260 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-29	Grab	GW	—	10/17/23	1321	3		X		-31
MW-06		GW	—		1351	3		X		-32
MW-13		GW	—		1412	4	X	X		-33
MW-11		GW	—		1445	3		X		-34
~~MW-22D 48-53'~~		GW			1015			X		
~~MW-05~~		GW			1035			X		
~~MW-22D 35-40'~~		GW			1055			X		
~~MW-22D 55-60'~~		GW			1130			X		
MW-22D 41-46'		GW			1245			X		-35
MW-22D 30-35'		GW			1300			X		-36

AS

* 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 # 7074 8787 3964

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	
Csovka	10/17/23	1615	Dale Canting		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: C Bottles Received:	If preservation required by Login: Date/Time
Dale Canting	10/17/23	1900	FEDEX	2.0+0=2.0 24	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK
			Alexa Mitchell	10/18/23 0900	

Chain of Custody Page 5 of 5

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

Company Name/Address:	**ERO Resources** 1626 Cole Blvd. Suite 100 Lakewood, CO 80401
Billing Information:	**ERO Resources** 1626 Cole Blvd. Suite 100 Lakewood, CO 80401
Report to:	**Jack Denman**
Email To:	jdenman@eroresources.com;csovka@eroresour
Project Description:	**Thornton Shopping Ctr.**
City/State Collected:	Thornton, CO
Please Circle:	PT (MT) CT ET
Phone:	**303-830-1188**
Client Project #	**10197**
Lab Project #	**ERORESDCO-10197**
Collected by (print):	JK/GM/CS/JR
Site/Facility ID #	
P.O. #	
Collected by (signature):	
Immediately Packed on Ice	N ___ Y ✓
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	standard

SDG # 167817
Table #
Acctnum: **ERORESDCO**
Template: **T228756**
Prelogin: **P1030556**
PM: **824 - Chris Ward**
PB:
Shipped Via: **FedEX Ground**

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	V8260 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-15	Grab	GW	-	10/17/23	1420	4	X	X		-37
MW-14		GW			1445	4	X	X		-38
MW-09		GW			1510			X		-39
MW-09 Dup		GW			1512			X		-40
MW-22D 41-46 Dup		GW			1247			X		-41
		GW								
		GW								
		GW								
		GW								
		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 # 7074 8787 3864

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	
Craig Sovka	10/17/23	1615	Jodi Conway		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.4 °C Bottles Received:	If preservation required by Login: Date/Time
Jodi Conway	10/17/23	1800	FEDEX	2.0-0=2.0 124	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			Alexa Mitchell	10/18/23 0900	