Haley Griffith (adpce.ad)

From: Andrew Pruitt <apruitt@olsson.com>
Sent: Thursday, August 14, 2025 1:58 PM
To: EE GW Reports
Cc: Angela Sparks; David Passmore; Melissa Vaught
Subject: Craighead County Legacy Class 1 Landfill, Permit No. 0254-S1-R5: First half 2025 groundwater monitoring report & notice of SSIs
Attachments: 25-08-14_ENV_CCSWDA-1H2025 GWMR.pdf

Good afternoon. On behalf of the Craighead County Legacy Landfill, Olsson has prepared the attached first half 2025 groundwater report and notice of statistically significant increases for the landfill.

Please contact me or Melissa Vaught if you have any questions with this submittal.

Thank you,

Andrew Pruitt, PG
Environmental

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August 14, 2025
EE.gwreports@arkansas.gov

Groundwater Branch Manager
Assessment & Remediation Program, Office of Land Resources
Arkansas Department Energy and Environment, Division of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: Submittal of First Half of 2025 Groundwater Monitoring Report and Notice of Statistically Significant Increases
Craighead County Legacy Class 1 Landfill, Jonesboro, Arkansas
Permit No. 0254-S1-R5, AFIN: 16-00199
Olsson Project No. A24-01259

Dear Groundwater Branch Manager:

On behalf of the Craighead County Solid Waste Disposal Authority, Olsson is pleased to submit the first half 2025 groundwater monitoring report for the Craighead County Legacy class 1 landfill.

Olsson is also submitting the enclosed notice of statistically significant increases to satisfy the notification requirements of Title 8, Part 60 of the Code of Arkansas Rules §60-1204(c). As allowed by §60-1204(c)(3), an ASD for the confirmed SSIs will be submitted to DEQ within 90 days of the submittal of this report.

If you have any questions regarding the submittal of this report, please do not hesitate to contact me at (479) 443-3404 or Andrew Pruitt, PG, at (501) 225-7779.

Respectfully submitted,

Melissa Vaught, PE
Senior Engineer

Enclosures

CC: Ms. Angela Sparks; Craighead County Solid Waste Disposal Authority (with enclosures)

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NOTICE OF STATISTICALLY SIGNIFICANT EXCEEDANCES
FIRST HALF 2025 GROUNDWATER DETECTION MONITORING PERIOD

CRAIGHEAD COUNTY SOLID WASTE DISPOSAL AUTHORITY
LEGACY CLASS 1 LANDFILL
JONESBORO, ARKANSAS
PERMIT NO. 0254-S1-R5, AFIN 16-00199

An evaluation of detected volatile organic compound data from the first half of 2025 using the double quantification rule identified a confirmed statistically significant increase for 1,1-dichloroethane at MW-20R.

An intrawell prediction limit evaluation of the first half of 2025 data set identified confirmed statistically significant increases for the wells and parameters listed in Table 1 below.

Table 1. Confirmed SSIs, first half of 2025.

Well ID	Parameter
MW-22	Arsenic
MW-22	Barium
MW-14R	Iron
MW-22	Iron
MW-17R	TDS

FIRST HALF 2025 SEMIANNUAL GROUNDWATER MONITORING REPORT CRAIGHEAD COUNTY LEGACY CLASS 1 LANDFILL PERMIT NO. 0254-S1-R5, AFIN: 16-00199

Prepared for:

Craighead County Solid Waste Disposal Authority

Jonesboro, Arkansas

August 2025

Olsson Project No. A24-01259

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PROFESSIONAL GEOLOGIST'S CERTIFICATION

With this certification, I certify that I, as a professional geologist in the state of Arkansas, am a qualified groundwater scientist as defined in Title 8, Part 60 of the Code of Arkansas Rules, §60-1201(f), that I have reviewed this groundwater monitoring report, that the findings are accurate to the best of my knowledge, and that this report meets the applicable reporting requirements of §60-1203(k).



Andrew J. Pruitt, Arkansas PG #3029

8/14/2025

Date

TABLE OF CONTENTS

PROFESSIONAL GEOLOGIST'S CERTIFICATION i
1. INTRODUCTION 1
2. GROUNDWATER MONITORING PROGRAM 2
2.1 Monitoring Well System 2
2.2 Sampling Schedule 5
2.3 Sampling Methodology 5
2.4 Laboratory Analyses 5
3. WATER LEVEL DATA 7
3.1 Water Level Measurements and Groundwater Flow Direction 7
3.2 Hydraulic Gradient and Rate of Groundwater Flow 10
4. GROUNDWATER QUALITY DATA 11
4.1 Laboratory Analytical Data 11
4.2 Quality Assurance and Quality Control 11
4.2.1 Review of Laboratory QA/QC Measures 11
4.2.2 Review of Field QA/QC Measures 12
5. STATISTICAL EVALUATION 15
5.1 Statistical Program Design 15
5.2 Site-Wide False Positive Rate 16
5.3 Statistical Power 16
5.4 Statistical Evaluation Results 17
5.4.1 Outlier Identification 18
5.4.2 Prediction Limit Evaluation 18
5.4.3 Mann-Kendall Test/Sen's Estimate of Slope Evaluation 19
5.4.4 Double Quantification Rule 19
5.4.5 Notification of Statistically Significant Results 20

TABLE OF CONTENTS (CONTINUED)

6. CONCLUSIONS 21
7. SELECTED REFERENCES 23

LIST OF APPENDICES

APPENDIX A: Field Sampling Forms

APPENDIX B: Laboratory Data

APPENDIX C: Historical Database

APPENDIX D: Background Data Sets Used for Statistics

APPENDIX E: Distributional Plots

APPENDIX F: Statistical Evaluation Results

LIST OF TABLES

Table 1 Monitoring well construction data 3
Table 2 Constituents for detection monitoring 6
Table 3 Water level data and potentiometric surface elevations, May 5, 2025 8
Table 4 Reported values for parameters detected in groundwater samples, first half of 2025 14
Table 5 Per-test alpha and power curve criteria, 2025 semiannual detection monitoring 16
Table 6 Summary of exceedances based on prediction limit analysis, first half of 2025 19

LIST OF FIGURES

Figure 1 Site map, Legacy class 1 landfill 4
Figure 2 Potentiometric surface, May 5, 2025 9
Figure 3 Power curve, 2025 semiannual detection monitoring 17

1. INTRODUCTION

The Craighead County Solid Waste Disposal Authority (CCSWDA) owns and operates the Legacy class 1 landfill, located approximately 5 miles south of Jonesboro in Craighead County, Arkansas. The landfill began accepting waste in 1991 and currently operates under permit no. 0254-S1-R5, which was issued on August 12, 2025, by the Arkansas Department of Energy and Environment, Division of Environmental Quality (DEQ). Groundwater detection monitoring is conducted semiannually at the site in accordance with the permit and Title 8, Part 60 of the Code of Arkansas Rules (8 CAR 60).

This report presents the results of semiannual detection monitoring performed during the first half of 2025. Section 2 describes the groundwater monitoring system, sampling schedule, sampling methods, and required laboratory analyses; Section 3 presents groundwater level data and the rate and direction of groundwater flow; Section 4 presents groundwater quality data; Section 5 presents the statistical approach and evaluation of groundwater data; Section 6 summarizes conclusions based on the results from this monitoring period; and Section 7 provides selected references for the report.

2. GROUNDWATER MONITORING PROGRAM

This section describes the groundwater monitoring program at the landfill. Included is a discussion of the monitoring well system, sampling schedule, sampling methodology, and required laboratory analyses.

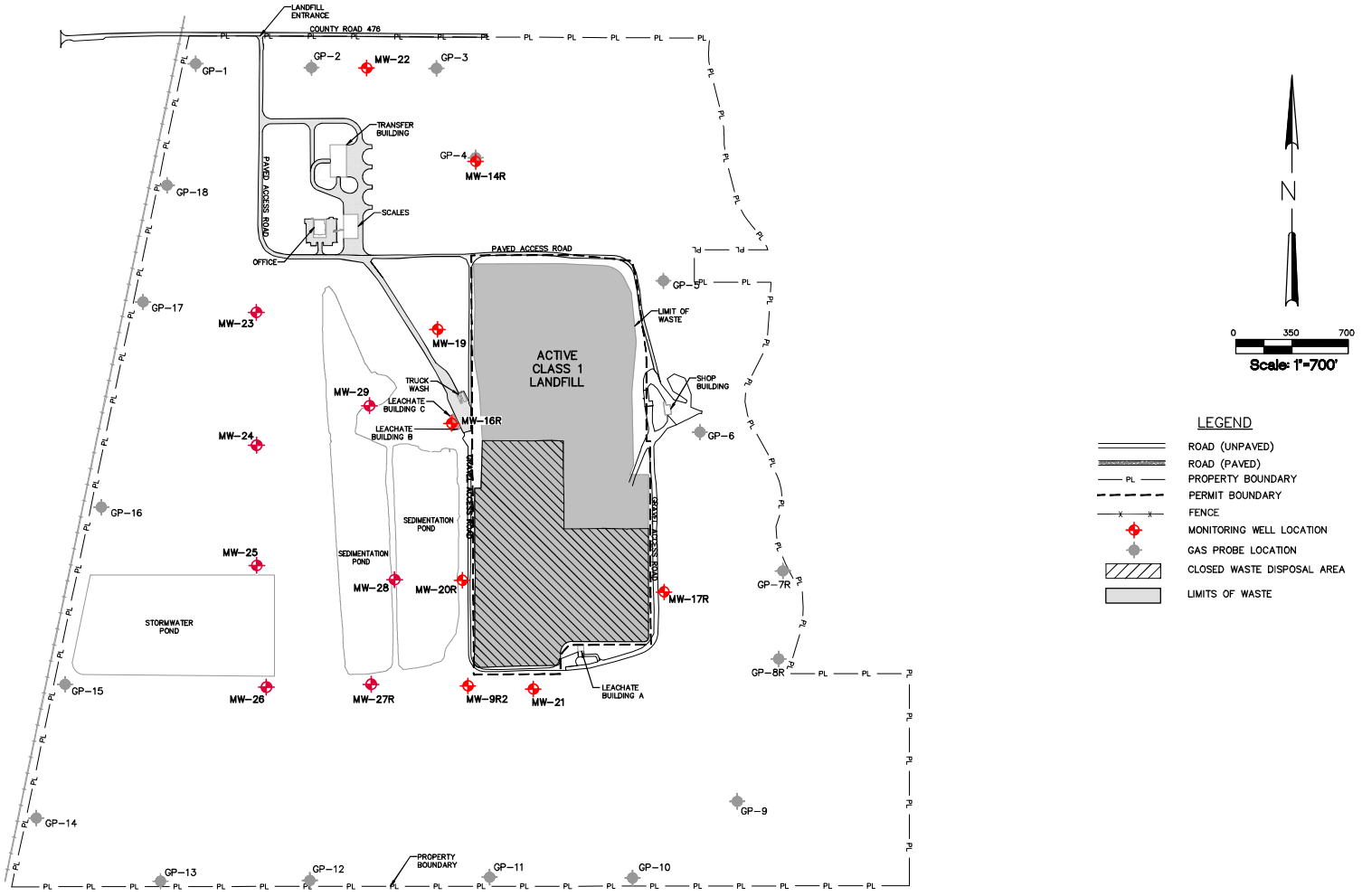
2.1 Monitoring Well System

The monitoring well system is comprised of the fifteen wells shown on Figure 1. Each monitoring well is installed within the uppermost saturated sands of the Mississippi River Valley alluvial aquifer and Quaternary outwash associated with the erosion of Crowley's Ridge. A summary of well construction details is included as Table 2.1. More detailed information regarding well construction can be found in the landfill's approved groundwater sampling and analysis plan (GWSAP) (Terracon Consultants, Inc. [Terracon] 2012), subsequent well installation reports (DEQ document identification numbers [DIN] 73025 and 79904) and the Geotechnical and Hydrogeological Investigation Summary Report (FTN Associates, Ltd. 2024) . Monitoring wells MW-14R, MW-17R, and MW-22 are located hydraulically upgradient of the waste mass, while the remaining wells are located sidegradient or downgradient. Monitoring wells MW-23 through MW-29 were installed as part of the landfill expansion permit modification application and are currently being sampled for background groundwater quality.

Table 1. Monitoring well construction data.

Well ID	Installation Date	Measuring Point (MP) Elevation[a] (ft NAVD)[b]	Total Depth (ft below MP)	Screened Interval (ft below MP)
MW-9R2	9/26/2017	252.85	133.9	119.1 to 139.1
MW-14R	6/15/2004	265.80[c]	122.6	102.6 to 122.6
MW-16R	5/27/2010	259.61[c]	113.0	92.7 to 112.7
MW-17R	6/17/2004	282.11[c]	138.6	118.6 to 138.6
MW-19	5/28/2010	264.38[c]	118.5	98.2 to 118.2
MW-20R	3/19/2021	257.83	116.7	106.5 to 116.5
MW-21	5/26/2010	253.10[c]	102.9	82.6 to 102.6
MW-22	9/30/2017	260.59	134.2	126.5 to 146.5
MW-23	12/14/2023	248.69	105.3	143.7 to 153.7
MW-24	12/12/2023	251.37	109.1	142.6 to 152.6
MW-25	12/7/2023	252.09	108.4	144.0 to 154.0
MW-26	11/28/2023	252.85	109.9	143.3 to 153.3
MW-27R	4/16/2024	253.19	110.4	153.1 to 143.1
MW-28	12/8/2023	249.18	105.3	144.2 to 154.2
MW-29	12/13/2023	253.02	109.4	144.0 to 154.0

Notes:
a. MP elevations are based on survey data (DINs 73025, 79904, and 85572).
b. NAVD = North American Datum of 1988.
c. MP adjusted after bladder pumps were installed.



F:\2024\01001-01500\024-01259-A\40-Design\Exhibits\1H2025 CCLF REPORT\024-01259-A 1H2025 CCF REPORT FIGURE 1.dwg
DATE: May 29, 2025 7:52am USER: jtorres

PROJECT NO:	024-01259-A
DRAWN BY:	JT
DATE:	05.29.2025

Figure 1. Site Map Legacy Class 1 landfill.

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2.2 Sampling Schedule

In accordance with the landfill's permit, the groundwater monitoring program consists of semiannual sampling at all monitoring wells. Quarterly background monitoring of MW-23 through MW-29 was performed March 12 and 13, 2025. Sampling for the first half of 2025 detection monitoring and background sampling event was performed May 5 through 8 and May 15 and 16, 2025. Based on statistical analysis of the data, resampling was performed on July 29, 2025, to verify potential statistical exceedances at select monitoring wells, as discussed in Section 5.4.2. The next sampling event is anticipated to occur during August 2025 for background sampling and during November 2025 for semiannual detection monitoring and background sampling.

2.3 Sampling Methodology

Olsson provided groundwater sampling services during this monitoring period. Sampling was performed using low-flow sampling techniques in accordance with US Environmental Protection Agency (EPA) guidelines (Puls and Barcelona 1996) and the facility's approved GWSAP (Terracon 2012). Groundwater was sampled utilizing the dedicated bladder pumps installed in each well with the exception of MW-28 and MW-29 which were sampled with a submersible pump. Field parameters were measured during purging and sampling using a Hach 2100P portable turbidity meter and a handheld YSI MPS 556 fitted with a flow-through cell. Field sampling forms for sampling completed during this monitoring period are provided in Appendix A.

2.4 Laboratory Analyses

Per the requirements of §60-1204(d) and the facility's permit, groundwater and leachate samples were analyzed for the list of parameters included in Table 2. Laboratory analyses adhered to methods described in EPA's *Test Methods for Evaluating Solid Waste -Physical/Chemical Methods* (SW-846), or equivalent, and other guidelines established by EPA. Pace Analytical National (Pace) of Mt. Juliet, Tennessee, provided laboratory services during this monitoring period. Laboratory reports are included as Appendix B.

Table 2. Constituents for detection monitoring.

8 CAR 60, Appendix 1, Metals and General Water Quality Parameters	
Antimony	pH*
Arsenic	Selenium
Barium	Silver
Beryllium	Specific conductance*
Cadmium	Sulfate
Chloride	Temperature*
Chromium	Thallium
Cobalt	Total dissolved solids (TDS)
Copper	Total organic carbon (TOC)
Iron	Turbidity*
Lead	Vanadium
Manganese	Zinc
Nickel	--
8 CAR 60, Appendix 1, Volatile Organic Compounds	
Acetone	trans-1,3-Dichloropropene
Acrylonitrile	Ethylbenzene
Benzene	2-Hexanone
Bromochloromethane	Methyl bromide
Bromodichloromethane	Methyl chloride
Bromoform; tribromomethane	Methylene bromide
Carbon disulfide	Methylene chloride
Carbon tetrachloride	Methyl ethyl ketone (MEK)
Chlorobenzene	Methyl iodide
Chloroethane	4-Methyl-2-pentanone
Chloroform	Styrene
Dibromochloromethane	1,1,1,2-Tetrachloroethane
1,2-Dibromo-3-chloropropane (DBCP)	1,1,2,2-Tetrachloroethane
1,2-Dibromoethane (EDB)	Tetrachloroethylene
1,2-Dichlorobenzene	Toluene
1,4-Dichlorobenzene (1,4-DCB)	1,1,1-Trichloroethane
trans-1,4-Dichloro-2-butene	1,1,2-Trichloroethane
1,1-Dichloroethane (1,1-DCA)	Trichloroethylene
1,2-Dichloroethane (1,2-DCA)	Trichlorofluoromethane
1,1-Dichloroethylene (1.1-DCE)	1,2,3-Trichloropropane
cis-1,2-Dichloroethylene (cis-1,2-DCE)	Vinyl acetate
trans-1,2-Dichloroethylene	Vinyl chloride
1,2-Dichloropropane	Xylene
cis-1,3-Dichloropropene	--

*Field parameter.

3. WATER LEVEL DATA

This section presents water level data collected during the first half of 2025 and discusses the rate and direction of groundwater flow.

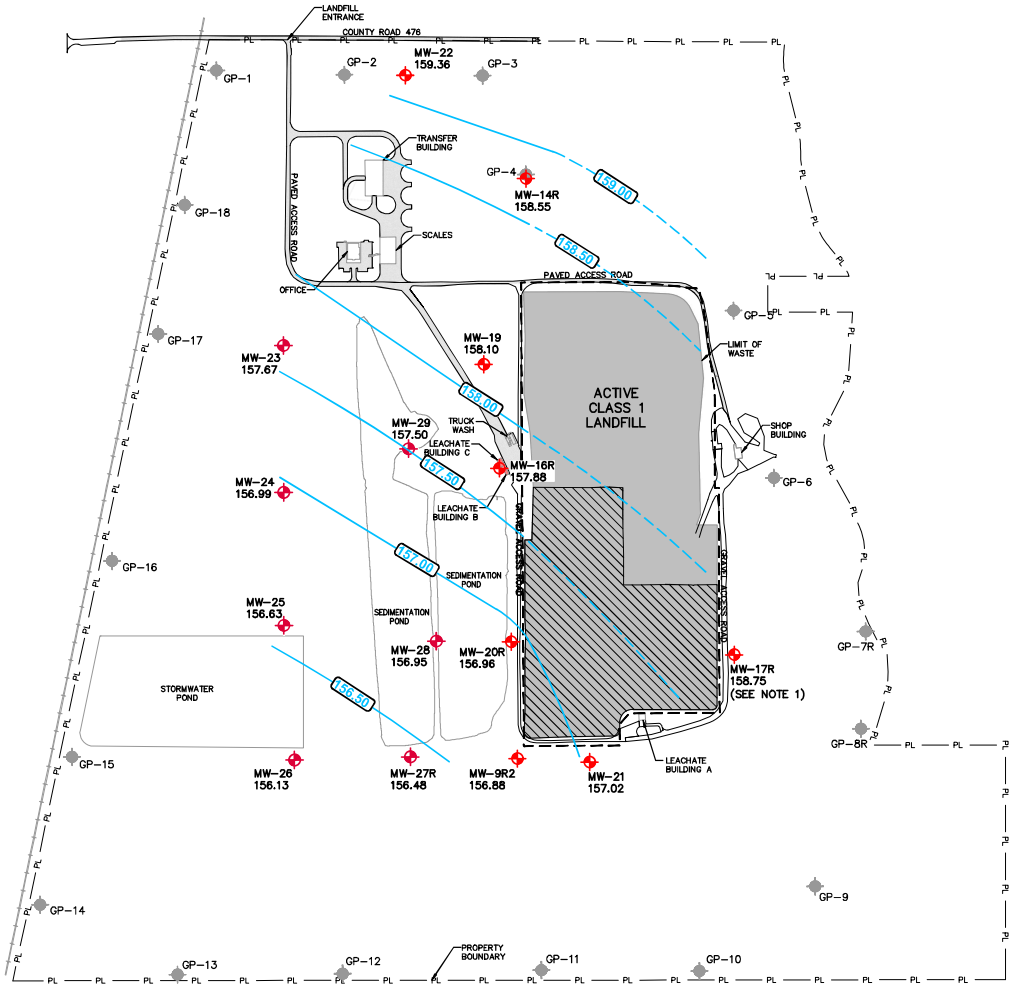
3.1 Water Level Measurements and Groundwater Flow Direction

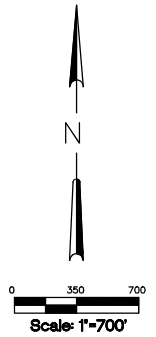
Olsson performed a round of water level measurements on May 5, 2025, prior to sampling activities. These data were used to contour the potentiometric surface and to determine the hydraulic gradient. Depths to water were measured to the nearest 0.01 ft from the MP on the top of casing and are tabulated in Table 3. Depth-to-water measurements were converted to potentiometric surface elevations (in ft NAVD) and contoured to construct the potentiometric surface map included as Figure 2. Groundwater flow was to the southwest during this sampling event, which is consistent with the historical direction of groundwater flow across the landfill.

As discussed in the Geotechnical and Hydrogeological Investigation Summary Report (DIN 85572), monitoring well MW-17R was excluded from the potentiometric contours shown on Figure 2. This well is screened in the Tertiary-age sediments of the Claiborne Group associated with Crowley's Ridge, whereas the remaining monitoring wells are screened in the Quaternary-age alluvial deposits. The disparity in water level elevations between MW-17R and the remaining wells indicates a weak hydraulic connection, and MW-17R was therefore omitted.

Table 3. Water level data and potentiometric surface elevations, May 5, 2025.

Well ID	MP Elevation (ft NAVD)	Depth to Water (ft below MP)	Groundwater Elevation (ft NAVD)
MW-9R2	252.85	95.97	156.88
MW-14R	265.80	107.25	158.55
MW-16R	259.61	101.73	157.88
MW-17R	282.11	123.36	158.75
MW-19	264.38	106.28	158.10
MW-20R	257.83	100.87	156.96
MW-21	253.10	96.08	157.02
MW-22	260.59	101.23	159.36
MW-23	248.69	91.02	157.67
MW-24	251.37	94.38	156.99
MW-25	252.09	95.46	156.63
MW-26	252.85	96.72	156.13
MW-27R	253.19	96.71	156.48
MW-28	249.18	92.23	156.95
MW-29	253.02	95.52	157.50





LEGEND

- ROAD (UNPAVED)
- ROAD (PAVED)
- PROPERTY BOUNDARY
- PERMIT BOUNDARY
- FENCE
- MONITORING WELL LOCATION
- GAS PROBE LOCATION
- POTENTIOMETRIC SURFACE
- CLOSED WASTE DISPOSAL AREA
- LIMITS OF WASTE

NOTE:

1. MW-17R IS SCREENED IN THE TERTIARY-AGE SEDIMENTS OF THE CLAIBORNE GROUP AND EXCLUDED FROM THE POTENTIOMETRIC SURFACE MAP. ALL OTHER MONITORING WELLS ARE SCREENED IN QUATERNARY-AGE ALLUVIAL DEPOSITS.

F:\202401001-01500\024-01259-A\40-Design\Exhibits\1H2025 CCLF REPORT\024-01259-A 1H2025 CCF REPORT FIGURE 2.dwg
DATE: Jun 04, 2025 12:25pm USER: jtorres

PROJECT NO:	024-01259-A
DRAWN BY:	JT
DATE:	05.29.2025

Figure 2. Potentiometric Surface, May 5, 2025.

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3.2 Hydraulic Gradient and Rate of Groundwater Flow

The hydraulic gradient across the active disposal area during the first half of 2025 was estimated to be 7.6 x 10^{-4} ft/ft using the flow lines within the class 1 landfill, as shown on Figure 2. This estimate is generally consistent with previously reported values and is considered conservative because it's based on an area where the hydraulic gradient is steepest across the landfilled area. The linear groundwater velocity, or rate of flow, was calculated using the following equation:

$$V_x = -K/n_e(dh/dl)$$

Where:

V_x = linear velocity,
K = hydraulic conductivity,
n_e = effective porosity, and
dh/dl = hydraulic gradient.

Grubbs, Garner & Hoskyn, Inc. (GG&H) reported a K-value of 142 to 283 ft/day, based on grain size analyses of the underlying alluvial aquifer sands at the landfill (GG&H 1989). In 2024, Olsson conducted an aquifer pumping test on a pumping well installed onsite and reported a site-specific K-value of 241 ft/day (Olsson, 2024). Published K-values range from about 120 to 390 ft/day (Krinitzsky and Wire 1964, Ackerman 1989, Renken 1998). The disparity between reported hydraulic conductivities may be due to the variability of water-bearing lithologies screened by wells at this site. Well logs show that some wells are screened across silty and/or clayey sands while some are screened in clean, fine- to medium-grained sands.

For the purpose of this report, K-values of 120 ft/day and 280 ft/day are used to represent the range of reported values discussed above. Using an effective porosity (n_e) of 36% (Olsson, 2024), the V_x value is calculated to range from approximately 97 ft/year to 227 ft/year. Actual values will differ by location due to the variability of the uppermost saturated sediments beneath the landfill.

4. GROUNDWATER QUALITY DATA

This section presents groundwater quality data and reviews field and laboratory quality assurance (QA) and quality control (QC) measures.

4.1 Laboratory Analytical Data

The laboratory reports provided by Pace for the first half of 2025 monitoring period are included in Appendix B. A review of the laboratory QC information is provided in Section 4.2.1. Data from this monitoring period are compiled in the landfill's historical groundwater database, included in Appendix C.

Laboratory results detected above the laboratory reporting detection limit (RDL) in one or more groundwater samples from the first half of 2025 monitoring period are summarized in Table 4 along with field-measured pH and turbidity. EPA-promulgated maximum contaminant levels (MCLs) are included in Table 4 for comparison purposes. As indicated in Table 4 (located at the end of Section 4), the measured concentrations in groundwater were all below their respective MCLs.

4.2 Quality Assurance and Quality Control

A review of laboratory and field QA/QC measures is presented below.

4.2.1 Review of Laboratory QA/QC Measures

According to documentation provided by Pace included in Appendix B, groundwater samples were received by the laboratory in good condition, properly preserved, and at the correct temperature, and were analyzed within holding times. The exception to this was the pH of the sample for TOC from MW-16R. The bottle was shipped pre-preserved from Pace, but the amount of preservative was insufficient to decrease the sample pH to less than 2 su required by Method 9060A for TOC. Upon receipt at the laboratory, Pace added additional preservative to adjust the sample to the required pH prior to analyses. The overall quality of the data relative to the contaminants of concern was acceptable and generally met method-specific requirements for precision and accuracy.

4.2.2 Review of Field QA/QC Measures

Field sampling forms for sampling performed during this monitoring period are included in Appendix A. Based on a review of these records, the following observations were made:

- Criteria for low-flow, minimal drawdown purging, and sampling were generally met for all sampled wells during each sampling event. Flow rates were maintained at 500 mL/min or less and total drawdown was less than 0.3 ft at all wells.
- Field-measured turbidity was below 10 nephelometric turbidity units (NTU), as required by §60-1103(a), for all samples except for MW-14R in May 2025, which had a turbidity level of 26.4 NTU, despite purging the well for an extended period (over 2.5 hours). Elevated sample turbidity may cause the total metals results in the sample to be biased high.

Field QA/QC samples including sample duplicates, field equipment rinsate blanks, and trip blanks are collected during each routine sampling event. Each is described below:

- Sample duplicates are taken as an assessment of the reproducibility of sampling methods. To verify that results for a duplicate pair show reasonable precision for analyzed parameters, the relative percent difference (RPD) is calculated when the detected level is at least five times the laboratory RDL and where neither result is qualified or suspected of blank contamination. The RPD quality control limit is 20%.
- Equipment rinsate blanks are taken to assess the effectiveness of field decontamination procedures.
- Trip blanks are used to determine error introduced by shipping or analytical procedures. The trip blank is prepared by the laboratory and shipped with other sample bottles.

When a detection occurs above an RDL in a field quality control blank, associated groundwater data for the detected parameter are flagged with a “B” in the historical database if the measured levels in the groundwater samples are above the reporting limit. Groundwater samples with detections in associated laboratory quality control blanks are flagged according to

laboratory procedures. EPA guidance (1986) recommends that detections in quality control blanks not be used to correct groundwater data.

Field QA/QC samples were collected in conjunction with the groundwater sampling events performed during the first half of 2025. All QA/QC samples were handled in the same manner as groundwater samples with respect to sample collection, packaging, shipping, preservation, and chain-of-custody (COC) procedures. A review of the QA/QC samples was performed upon receipt of the data from the laboratory. Results of the March quarterly background monitoring event, May detection monitoring event and July resample event are summarized below:

- The March 2025 field duplicate, MW-27R DUP, was taken at monitoring well MW-27R. The calculated RPDs were below the quality control limit of 20% for the duplicate pair.
- There were no detections above the laboratory RDL in the March 2025 equipment rinsate blank (EB-1).
- The March 2025 trip blank was received broken at the analytical laboratory and could not be analyzed.
- The May 2025 field duplicate, MW-14R DUP, was taken at monitoring well MW-14R. The calculated RPDs were below the quality control limit of 20% for the duplicate pair, with the exception of iron and manganese.
- There were no detections above the laboratory RDL in the May 2025 equipment rinsate blank (EB-1) with the exception of TDS. The TDS results were “B” flagged in the Sanitas database.
- The May 2025 trip blank was nondetect for all analyzed parameters.
- The July 2025 field duplicate, MW-22 DUP, was taken at monitoring well MW-22. The calculated RPDs were below the quality control limit of 20% for the duplicate pair.
- There were no detections above the laboratory RDL in the July 2025 equipment rinsate blank (EB-2).

Table 4. Reported values for parameters detected in groundwater samples, first half of 2025.

Well / Sample ID	Date Collected	Arsenic (mg/L)	Barium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Manganese (mg/L)	Nickel (mg/L)	Sulfate (mg/L)	TDS (mg/L)	TOC (mg/L)	1,1-DCA (mg/L)	pH (su)	Turbidity (NTU)
Quarterly Background Monitoring, March 2025															
MW-23	03/12/2025	0.000811 J	0.157	8.72	<0.00200	<0.00500	2.83	0.337	<0.00200	26.4	339	1.13	<0.00100	6.9	9.4
MW-24	03/12/2025	0.000348 J	0.287	47.3	<0.00200	0.00195 J	6.8	0.756	<0.00200	113	581	1.18	<0.00100	6.5	9.2
MW-25	03/13/2025	0.000675 J	0.242	50.5	0.00247	0.000943 J	4.8	0.635	<0.00200	76	496	0.825 J	<0.00100	6.6	1.4
MW-26	03/13/2025	0.00085 J	0.152	7.34	<0.00200	<0.00500	2.42	0.609	<0.00200	18.4	344	0.748 J	<0.00100	7.0	5.6
MW-27R	03/13/2025	0.000658 J	0.186	9.92	<0.00200	0.000702 J	4.25	0.524	<0.00200	19.1	398	0.741 J	0.000277 J	6.8	1.3
MW-28	03/13/2025	0.000912 J	0.175	7.09	0.00242	<0.00500	4.46	1.02	0.00191 J	15.4	350	0.912 J	0.000133 J	6.9	7.5
MW-29	03/13/2025	0.000671 J	0.245	12.4	0.00439	0.00323 J	4.97	0.523	0.00294	41.4	409	0.907 J	<0.00100	6.6	9.6
First Half 2025 Detection Monitoring, May 2025															
MW-9R2	05/15/2025	0.00129 J	0.112	4.56	<0.00200	<0.00500	0.828	0.386	<0.00200	9.19	248 B	0.913 J	<0.00100	7.2	1.0
MW-14R	05/07/2025	0.00296	0.297	39.2	<0.00200	<0.00500	12.1	0.393	0.000539 J	64.1	591 B	1.41	<0.00100	6.8	26.4
MW-16R	05/15/2025	0.00101 J	0.123	9.1	<0.00200	0.00263 J	0.832	0.66	<0.00200	23.3	349 B	0.782 J	<0.00100	6.9	2.8
MW-17R	05/08/2025	0.00129 J	0.136	8.06	<0.00200	<0.00500	3.7	0.0655[a]	0.000788 J	36.6	441 B	0.803[a] J	<0.00100	6.8	2.4
MW-19	05/08/2025	0.00122 J	0.145	9.84	<0.00200	<0.00500	0.861	0.478	<0.00200	28.6	326 B	<1.00	<0.00100	7.1	0.9
MW-20R	05/08/2025	0.000409 J	0.144	9.08	<0.00200	<0.00500	2.62	0.913	<0.00200	22.5	336 B	0.71 J	0.00171	6.6	1.1
MW-21	05/06/2025	0.00699	0.239	7.98	<0.00200	0.00222 J	3.99[a]	1.13	0.00122 J	121	556 B	0.749 J	0.000283 J	6.7	8.9
MW-22	05/07/2025	0.00974	0.0891[a]	3.54	<0.00200	<0.00500	4.63	0.249	<0.00200	3.72 J	202 B	0.668 J	<0.00100	7.4	9.3
MW-23	05/06/2025	0.000951 J	0.166	9.96	<0.00200	<0.00500	3.3	0.364	<0.00200	26.5	347 B	0.656 J	<0.00100	6.9	9.8
MW-24	05/06/2025	0.000606 J	0.192	19.5	<0.00200	0.000708 J	4.03	0.454	0.000554 J	57.2	409 B	0.767 J	<0.00100	6.8	6.4
MW-25	05/06/2025	0.000617 J	0.23	33.9	<0.00200	<0.00500	4.79	0.602	<0.00200	62.4	490 B	0.7 J	<0.00100	6.7	1.4
MW-26	05/15/2025	0.00115 J	0.143	6.92	<0.00200	<0.00500	2.11	0.52	<0.00200	16.9	332 B	0.715 J	<0.00100	7.1	5.4
MW-27R	05/15/2025	0.000776 J	0.211	10.9	<0.00200	0.0117	4.57	0.573	<0.00200	19.8	416 B	0.816 J	0.000312 J	6.7	2.5
MW-28	05/16/2025	0.00121 J	0.185	7.81	0.00193 J	0.0353	6.8	0.842	0.00228	15.4	357 B	20.9	0.000129 J	6.9	9.4
MW-29	05/16/2025	0.000522 J	0.289	15.3	<0.00200	<0.00500	4.39	0.569	0.00128 J	48.9	458 B	1.33	<0.00100	6.4	3.5
First Half 2025 Verification Sampling, July 2025															
MW-21	07/29/2025	---	---	---	---	---	2.54	---	---	55.5	465	---	---	6.5	2.9
MW-22	07/29/2025	0.00552	0.0719	---	---	---	2.16	---	---	---	---	---	---	7.3	6.8
QA/QC Samples															
MW-27R DUP[b]	03/13/2025	0.000594 J	0.189	9.86	<0.00200	<0.00500	4.23	0.528	<0.00200	19	395	0.783 J	0.000269 J	---	---
EB-1[b]	03/13/2025	<0.00200	<0.00200	<1.00	<0.00200	<0.00500	<0.100	<0.00500	<0.00200	<5.00	<10.0	<1.00	<0.00100	---	---
MW-14R DUP[c]	05/07/2025	0.00399	0.335	37.6	<0.00200	<0.00500	16.7	0.487	0.000671 J	61	586	0.613 J	<0.00100	---	---
EB-1[c]	05/16/2025	<0.00200	<0.00200	<1.00	<0.00200	<0.00500	<0.100	<0.00500	<0.00200	0.849 J	26 B	<1.00	<0.00100	---	---
MW-22 DUP[d]	07/29/2025	0.00520	0.0677	---	---	---	1.80	---	---	---	---	---	---	---	---
EB-2[d]	07/29/2025	0.000191 J	0.000513 J	---	---	---	0.0496 J	---	---	<5.00	<10.0	---	---	---	---
EPA MCL		**0.01**	**2**	**---**	**0.1**	**1.3**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**

Notes: "J" flag indicates the parameter was detected below the RDL; the reported value is an estimate. "B" flag indicates the parameter was found in the associated quality control blank.
a. Value shown is the result of a laboratory re-run of the sample for verification purposes.
b. MW-27R DUP was a duplicate of MW-27R and EB-1 was a field equipment rinsate blank for the March 2025 background sampling event.
c. MW-14R DUP was a duplicate of MW-14R and EB-1 was a field equipment rinsate blank for the May 2025 sampling event.
d. MW-22 DUP was a duplicate of MW-22 and EB-2 was a field equipment rinsate blank for the July 2025 verification sampling event.

5. STATISTICAL EVALUATION

This section describes the statistical approach and evaluation of the first half of 2025 data.

5.1 Statistical Program Design

This section outlines the statistical program design, which adheres to recommendations in EPA's *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance*, released in March 2009 (Unified Guidance), and the facility's GWSAP (Terracon 2012). In summary, detected parameters are evaluated using either intrawell prediction limits with a "1 of 2" retesting strategy or the Mann-Kendall/Sen's Slope test for trends to detect statistically significant changes in groundwater quality. Appendix D identifies which statistical test is applied to each well-parameter pair in the landfill's monitoring program. Each test is briefly described below.

Intrawell prediction limits are applied to well-parameter combinations with background populations containing a minimum of 8 to 10 independent data points that have a stationary statistical distribution (i.e., the data do not change over time). The "1 of 2" retesting strategy requires one verification sample be obtained within the same monitoring period as the initial exceedance. If the measured value in the verification sample also exceeds the prediction limit, then a statistically significant increase (SSI) (or statistically significant decrease [SSD] in the case of pH) is declared.

If background data characteristics do not meet the requirements for a prediction limit test, the well-parameter pair is tested using the Mann-Kendall/Sen's Slope test for trends, as recommended by the Unified Guidance. If a statistically significant increasing trend (or statistically significant decreasing trend in the case of pH) is indicated, then this suggests possible deteriorating groundwater quality. While there is no explicit retesting strategy for the Mann-Kendall/Sen's Slope test (as there is for prediction limits), retesting can be applied (Cameron 2015).

Background data sets are updated every 2 to 3 years, as necessary. The most recent background update evaluation was completed prior to the first half of 2023 sampling event, and background data sets are identified in Appendix D.

5.2 Site-Wide False Positive Rate

The Unified Guidance recommends that detection monitoring programs have adequate statistical power and a site-wide false positive rate (SWFPR, or α) value of 10% over a one-year period of testing. As a result, the semiannual target rate is fixed at 0.05 (5%). The magnitude of the per-test alpha will vary depending on how many statistical tests are required per semiannual evaluation. Input criteria for the per-test alpha calculations are included in Table 5 for intrawell prediction limit analyses.

Table 5. Per-test alpha and power curve criteria, 2025 semiannual detection monitoring.

Criteria for Per-Test Alpha and Power Curve Generation	
Statistical Test	intrawell prediction limit
Number of Downgradient Monitoring Wells	4
Background Sample Size (n)	10[a]
Number of Constituents	9[b]
Re-Sample Strategy	1 of 2[c]
Per-Evaluation SWFPR	0.05

Notes:
a. Based on minimum background size for iron at MW-16R.
b. Estimated number of detected parameters evaluated by prediction limit tests.
c. The "1 of 2" re-sample strategy includes one verification sampling event within the same monitoring period.

5.3 Statistical Power

Statistical power is inversely related to the SWFPR and is an estimate of the rate at which false negative results will occur. To gauge statistical power, the Unified Guidance recommends the use of the EPA Reference Power Curve (ERPC) to estimate the ability of any individual test to identify an exceedance above background. Any single statistical test should have the ability to detect an exceedance 55% to 60% of the time at three standard deviations (3σ) above background and 80% to 85% of the time at 4σ above background. Input criteria used to construct the power curve for the 2025 statistical program are included in Table 5. Figure 3 depicts the facility's power curve plotted against the ERPC. Based on the input criteria used, the

power curve shows that any single test is estimated to detect exceedances above background approximately 70% of the time at 3σ, and approximately 93% of the time at 4σ, meeting EPA-recommended rates of detection.

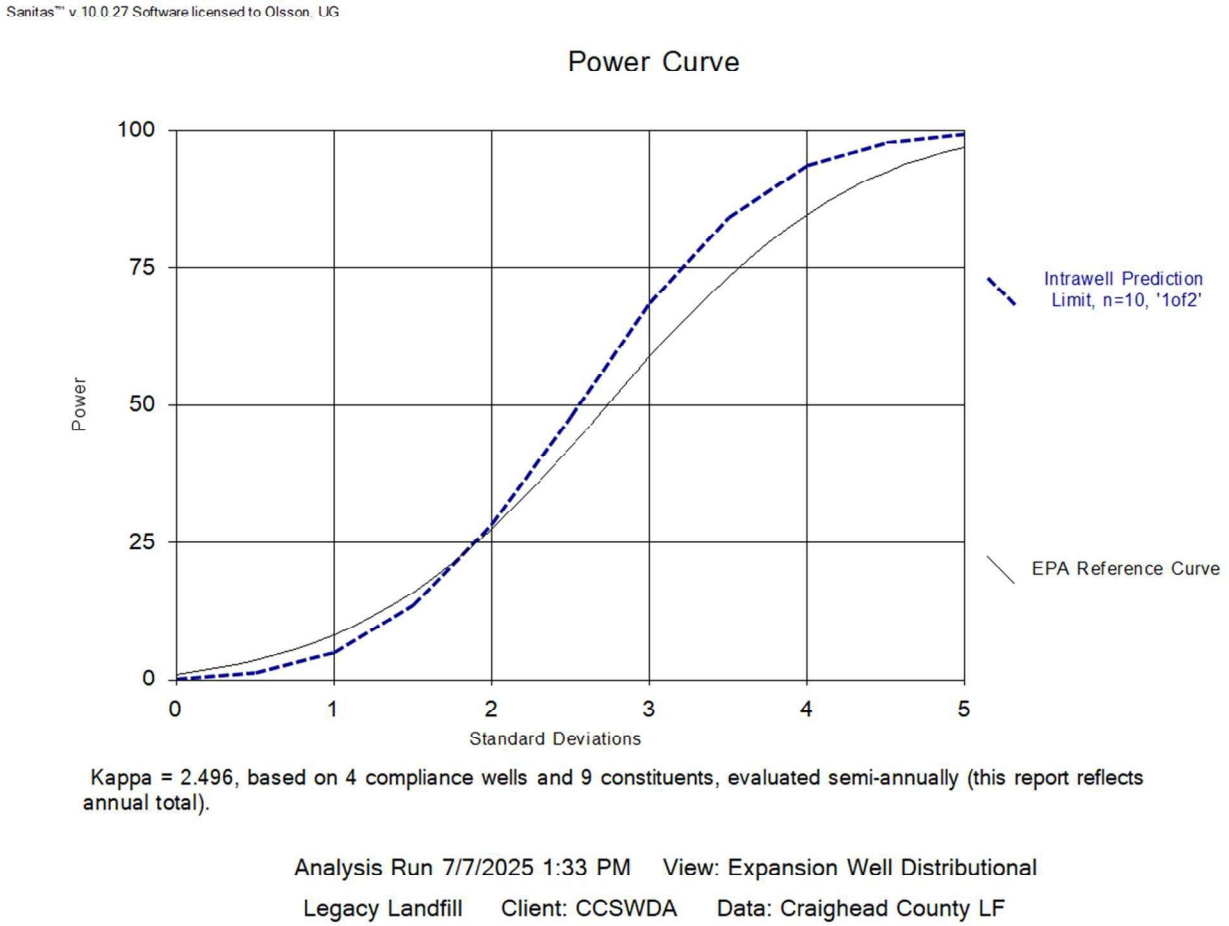


Figure 3. Power curve, 2025 semiannual detection monitoring.

5.4 Statistical Evaluation Results

Detected constituents during the first half of 2025 were evaluated using the *Sanitas* software program, with the exception of replacement well MW-20R and MW-23 through MW-29, which do not have adequate background data available. No statistical evaluations were conducted for results detected below the RDL, per §60-1203(h)(5). Results detected below the RDL are flagged with a "J" in the historical database included as Appendix C.

Distributional analyses including time-series plots, box-and-whiskers diagrams, and outlier tests were applied to period-of-record data sets for currently detected parameters to identify apparent trends or excursions from normal ranges. Results from these analyses are included in Appendix E, and outliers identified in the current data set are summarized in Section 5.4.1. Background data sets used for statistical analysis are discussed in Appendix D. Statistical evaluation plots for detection monitoring are included in Appendix F.

5.4.1 Outlier Identification

Dixon's, Rosner's, or Tukey's outlier tests were applied to period-of-record data to identify possible outliers in the current dataset. Dixon's outlier test is used for small, normally distributed data populations (generally containing less than 25 values). For large and normally distributed data populations with 20 or more data points, the Rosner's outlier test is applied. Tukey's outlier test is used to detect outliers in non-normal data distributions. Based on the outlier screening for this reporting period, two outliers were identified in the first half of 2025 data set: arsenic and barium at MW-22 were statistically high compared to their respective period-of-record data sets.

5.4.2 Prediction Limit Evaluation

Detected data from the first half of 2025 sampling event were tested using intrawell prediction limits (except as noted in Table D.1 of Appendix D) to determine if the data were representative of background. Graphical plots for the statistical analyses are included in Appendix F. Statistically significant results are summarized in Table 6 and include three previously confirmed SSIs for arsenic at upgradient MW-22, iron at upgradient MW-14R TDS at upgradient MW-17R and five unverified SSIs for barium and iron at upgradient MW-22, and iron, sulfate and TDS at MW-21.

Verification sampling was performed on July 29, 2025, for the unverified SSIs. As shown in Table 6, results confirmed the SSIs for arsenic, barium and iron at upgradient MW-22 and disconfirmed the SSIs for iron, sulfate and TDS at MW-21. The plots of the prediction limit analyses showing the verification results are provided in Appendix F.

Table 6. Summary of exceedances based on prediction limit analysis, first half of 2025.

Well ID	Parameter	Prediction Limit (mg/L)	May 2025 Sampling Result (mg/L)	July 2025 Verification Result (mg/L)	SSI Confirmed?
MW-22 (upgradient)	Arsenic	0.004143	0.00974	0.00552	Yes
MW-22 (upgradient)	Barium	0.06761	0.0891[a]	0.0719	Yes
MW-14R (upgradient)	Iron	6.578	12.1	N/A[b]	Yes[b]
MW-21	Iron	3.483	3.99[a]	2.54	No
MW-22 (upgradient)	Iron	1.508	4.63	2.16	Yes
MW-21	Sulfate	88.6	121	55.5	No
MW-17R (upgradient)	TDS	387.5	441 B	N/A[b]	Yes[b]
MW-21	TDS	536.5	556	465	No

Notes: "B" flag indicates the parameter was found in the associated quality control blank. "J" flag indicates the parameter was detected below the RDL; the reported value is an estimate.

a. Value shown is the result of a laboratory re-run of the sample for verification purposes.
b. SSI was previously confirmed; verification sampling was not performed.

5.4.3 Mann-Kendall Test/Sen's Estimate of Slope Evaluation

The Mann-Kendall/Sen's Slope test for trends was applied to well-parameter pairs where statistically significant trends were identified in background data sets (Table D.1 in Appendix D). Period-of-record data for each well-parameter pair were analyzed and test plots are included in Appendix F. No statistically significant increasing trends (or decreasing trends in the case of pH) were indicated at the 98% confidence level.

5.4.4 Double Quantification Rule

The double quantification rule (DQR) requires that a confirmed SSI be declared if a VOC is detected at or above the RDL in two consecutive sampling events. As shown in Table 4, 1,1-DCA was detected at MW-20R at a level above the RDL during the first half of 2025. This parameter was identified as a confirmed SSI for the 2021, 2022, 2023 and first half of 2024 monitoring events (DINs 80711, 81450, 82357, 83367, 84430, 85099 and submittal dated August 15, 2024) and no verification sampling was performed for the current monitoring period.

As discussed in previous groundwater monitoring reports (DINs 80711, 81450, 82357, 83367, 84430, 85099 and submittal dated August 15, 2024), the previous ASDs approved by DEQ (DINs 80741, 81846, 82795, and 83964) and pending DEQ review (DINs 84649, 85333

and submittal dated May 2, 2025), the presence of 1,1-DCA at MW-20R is related to landfill gas (LFG) and construction activities at the site including the following:

- Approximately 15.3 acres were closed during the second half of 2020 (DIN 79739) with installation of a final cover system, which consists of a geosynthetic clay liner, geomembrane liner, and vegetative cover layer.
- The existing landfill gas collection and control system (GCCS) was expanded within the new closure area concurrent with and following final cover construction activities. Twenty additional GCCS extraction wells were installed in the second half of 2020 and a new, larger flare was installed during the first half of 2021. Shut-down of the GCCS was required throughout the first half of 2021 to accommodate GCCS construction and expansion activities.

The required shut-down of the GCCS coupled with the additional landfill area under final cover may have caused temporary downward migration of LFG that resulted in the low-level detection of 1,1-DCA at MW-20R. With time, it is anticipated the expansion of the GCCS will mitigate LFG migration and detections of VOCs in groundwater.

5.4.5 Notification of Statistically Significant Results

Per the requirements of §60-1204(c)(1), a notice will be placed in the operating record listing the confirmed SSIs identified during the first half of 2025, and the DEQ director will be notified that the notice was placed. As allowed by §60-1204(c)(3), an ASD for the confirmed SSIs will be submitted to DEQ within 90 days of the submittal of this report.

6. CONCLUSIONS

The following conclusions are based on a review of data for the landfill from the current monitoring period:

1. Based on water level measurements taken during the first half of 2025, groundwater flow across the landfill is to the southwest, consistent with the historically observed groundwater flow direction.
2. The landfill's statistical power curve indicates that the groundwater program meets the EPA target rates to identify SSIs.
3. Two previously confirmed SSIs for iron at upgradient MW-14R, and TDS at upgradient MW-17R, and six potential SSIs, including iron, sulfate and TDS at MW-21 and arsenic, barium, and iron at upgradient MW-22, were identified by the intrawell prediction limit analysis. Verification sampling performed on July 29, 2025, confirmed the SSIs for arsenic, barium and iron at upgradient MW-22 and disconfirmed the SSIs for iron, sulfate and TDS at MW-21.
4. The Mann-Kendall/Sen's Slope evaluation did not indicate any statistically significant increasing trends (or decreasing trends in the case of pH) in the detection monitoring data evaluated.
5. The evaluation of detected VOC data using the DQR identified a confirmed SSI for 1,1-DCA at MW-20R. As discussed in previous groundwater monitoring reports, ASDs approved by DEQ and pending DEQ review, the VOC concentration is likely due to construction activities at the site, including installation of 15.3 acres of final cover and associated expansion of the GCCS. Shut-down of the GCCS was required throughout the first half of 2021 to accommodate GCCS construction and expansion activities. With time, it is anticipated the expansion of the GCCS will mitigate LFG migration and detections of VOCs in groundwater.
6. Per the requirements of §60-1204(c)(1), a notice will be placed in the landfill's operating record identifying the confirmed SSIs from the first half of 2025. A letter will be sent to DEQ notifying the director that the notice was placed.

7. As allowed by §60-.1204(c)(3), an ASD will be submitted to DEQ within 90 days of the submittal of this report for the SSIs identified during this monitoring period.
8. Results from the first half of 2025 monitoring period are generally consistent with historical results observed at the landfill.

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APPENDIX A
FIELD SAMPLING FORMS

QUARTERLY BACKGROUND SAMPLING EVENT
MARCH 2025

olsson

Groundwater Level Data Sheet

Project Name:	Project Number:	Investigator:	Page 1 of 1
Craighead County Legacy Landfill	A24-01259	Michael Clayton	
Weather Conditions:	**Measuring Device:**		
Sunny 70' SW 14	Geotech 200'		

Well ID	Date	Time	Depth to Water (ft below TOC)	Damages/Repairs		
MW-23	3/12/25	1017	91.09	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-24		1025	94.49	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-25		1031	95.56	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW -26		1038	96.83	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW -27R		1044	96.82	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW -28		1052	92.31	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW -29		1100	95.59	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-16R		1010	101.81	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-19		1000	106.37	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record

Notes:
TOC=top of casing
GW=groundwater

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 23	Sampler: Michael Clayton
Project Number: A24-01259	Date: 3/12/25	Sampler Organization: Olsson

Site Description

Weather: Sunny	Air Temp (°F): 74	Wind: S @ 17			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	3/12/25	→	→	→	→	
Time	24-hour	1017	1305	1343	1401	1412	
Depth to Water	feet	91.09	91.00	→	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1315	1320	1325	1330	1335	1340	1345	1350	1355	1400		Remarks
Purge vol.	gallons												
Purge rate	mL/min	140	140	140	140	140	140	140	140	140	140		
pH	su	6.71	6.78	6.83	6.85	6.86	6.88	6.90	6.90	6.90	6.90		
Temp.	°C	18.25	18.03	17.88	17.82	17.77	17.79	17.77	17.79	17.81	17.89		
Sp. Cond.	µS/cm	514	511	512	512	512	513	515	516	517	519		
D.O.	mg/L	0.81	0.53	0.50	0.39	0.35	0.40	0.34	0.28	0.34	0.34		
ORP	mV	29.8	-36.4	-39.1	-44.3	-46.5	-46.5	-48.4	-49.3	-48.6	-47.7		
Turbidity	NTU	127	184	126	68.4	48.4	29.3	20.2	15.3	10.5	9.43		
Color/tint		orange particulate	→	→	→	→	→	→	Clear	→	→		
Odor		None	→	→	→	→	→	→	→	→	→		

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW23	3/12/25	1405	6	0	

Sampler's Name (print): Michael Clayton | Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 24	Sampler: Michael Clayton
Project Number: A24-01259	Date: 3/12/25	Sampler Organization: Olsson

Site Description

Weather: Sunny	Air Temp (°F): 75	Wind: SD 16			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes / No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	3/12/25 →					
Time	24-hour	~~04:4/025~~	1430	1447	1502	1519	
Depth to Water	feet	94.49	94.35 →				
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☒ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	1435	1440	1445	1450	1455	1500						Remarks
Purge vol.	gallons												
Purge rate	mL/min	180	180	180	180	180	180						
pH	su	6.51	6.47	6.49	6.50	6.51	6.51						
Temp.	°C	19.49	19.93	19.16	18.99	19.08	19.12						
Sp. Cond.	µS/cm	778	840	856	862	862	860						
D.O.	mg/L	1.64	0.43	0.37	0.31	0.29	0.33						
ORP	mV	7.5	-6.2	-11.4	-12.8	-15.7	-16.4						
Turbidity	NTU	52.9	35.9	14.0	12.1	10.9	9.16						
Color/tint		Orange/Brown/Clay →				Clear →							
Odor		None →											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW24	3/12/25	1505	6	0	Used dedicated Bladder

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW25	Sampler: Michael Clayton
Project Number: A24-01259	Date: 3/13/25	Sampler Organization: Olsson

Site Description

Weather: P/C	Air Temp (°F): 66	Wind: S @ 8			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	3/12/25	3/13/25	→	→	→	
Time	24-hour	1031	1000	1028	1037	1058	
Depth to Water	feet	95.56	95.56	95.61	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	1010	1015	1020	1025	1030	1035						Remarks
Purge vol.	gallons												
Purge rate	mL/min	200	200	200	200	200	200						
pH	su	6.50	6.56	6.61	6.62	6.62	6.62						
Temp.	°C	18.03	17.97	17.84	17.87	17.95	18.08						
Sp. Cond.	µS/cm	701	739	745	751	751	749						
D.O.	mg/L	0.94	0.61	0.39	0.40	0.32	0.34						
ORP	mV	48.3	0.6	+24.0	+27.7	+28.5	+29.5						
Turbidity	NTU	5.20	3.45	2.02	1.68	1.73	1.44						
Color/tint		Clear	→	→	→	→	→						
Odor		None	→	→	→	→	→						

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW25	3/13/25	1040	6	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW26	Sampler: Michael Clayton
Project Number: A24-01259	Date: 3/13/25	Sampler Organization: Olsson

Site Description

Weather: Clear	Air Temp (°F): 70	Wind: SW 7			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	3/12/25	3/13/25	→	→	→	
Time	24-hour	1038	1115	1143	1152	1219	
Depth to Water	feet	96.83	96.86	96.85	→		
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1120	1125	1130	1135	1140	1145	1150					Remarks
Purge vol.	gallons												
Purge rate	mL/min	260	260	260	260	260	260	260					
pH	su	7.04	6.98	6.97	6.98	6.99	6.99	7.00					
Temp.	°C	18.68	18.34	18.19	18.13	18.04	18.12	18.15					
Sp. Cond.	µS/cm	552	550	550	545	540	535	534					
D.O.	mg/L	2.66	1.41	0.98	0.59	0.48	0.42	0.45					
ORP	mV	-34.7	-40.5	-44.7	-50.3	-51.7	-51.2	-51.8					
Turbidity	NTU	21.6	30.2	25.0	12.5	18.1	6.14	5.56					
Color/tint		Cloudy	→	→	Clear	→	→	→					
Odor		None	→	→	→	→	→	→					

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW26	3/13/25	1155	6	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 27R	Sampler: Michael Clayton
Project Number: A24-01259	Date: 3/13/25	Sampler Organization: Olsson

Site Description

Weather: Clear	Air Temp (°F): 75	Wind: SW			
Site type: ■ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ■ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ■ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ■ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	3/12/25	3/13/25	→	→	→	
Time	24-hour	1044	1230	1258	1308	1335	
Depth to Water	feet	96.82	96.83	→	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ■ YSI MPS 556 ☐ Other: ■ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ■ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	1240	1245	1250	1255	1300	1305						Remarks
Purge vol.	gallons												
Purge rate	mL/min	280	280	280	280	280	280						
pH	su	6.76	6.79	6.79	6.79	6.80	6.80						
Temp.	°C	19.01	18.90	18.93	18.97	18.94	18.88						
Sp. Cond.	µS/cm	622	621	621	621	621	621						
D.O.	mg/L	0.32	0.21	0.19	0.20	0.20	0.19						
ORP	mV	-23.7	-37.5	-39.4	-41.5	-40.6	-35.8						
Turbidity	NTU	2.68	1.53	1.65	1.25	1.25	1.33						
Color/tint		Clear	→	→	→	→	→						
Odor		None	→	→	→	→	→						

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW 27R	3/13/25	1310	6	0	
MW 27R Dup	3/13/25	1315	6	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW28	Sampler: Michael Clayton
Project Number: A24-01259	Date: 3/13/25	Sampler Organization: Olsson

Site Description

Weather: Clear	Air Temp (°F): 78	Wind: SSE @ 12			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	3/12/25	3/13/25	→	→	→	
Time	24-hour	1052	1635	1703	1714	1729	
Depth to Water	feet	92.31	92.25	→	→		
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☒ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet

Well goes dry during purging: Yes (No)

Casing vol.: gallons = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1640	1645	1650	1655	1700	1705	1710					Remarks
Purge vol.	gallons												
Purge rate	mL/min	200	200	200	200	200	200	200					
pH	su	7.07	7.06	7.00	6.96	6.93	6.91	6.91					
Temp.	°C	20.96	21.36	20.29	19.97	20.06	20.11	20.28					
Sp. Cond.	µS/cm	501	502	509	522	528	536	532					
D.O. -0.44	mg/L ~~mV~~	~~-5.90~~	0.43	0.37	0.36	0.34	0.29	0.27					
ORP	mV	-58.0	-58.3	-55.4	-51.5	-50.2	-49.5	-48.7					
Turbidity	NTU	140	107	57.5	32.3	15.3	9.38	7.45					
Color/tint		Cloudy	→	→	→	Clear	→	→					
Odor		None	→	→	→	→	→	→					

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW28	3/13/25	1715	6	0	
EB-1	3/13/25	1740	6	0	

Sampler's Name (print): Michael Clayton	Sampler Signature:

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 29	Sampler: Michael Clayton
Project Number: A24-01259	Date: 3/13/25	Sampler Organization: Olsson

Site Description

Weather: Clear	Air Temp (°F): 78	Wind: SSE @ 9			
Site type: ☒ Monitoring Well ☐ Production Well ☐ Dewatering Well ☐ Other: ☐ Extraction Well ☐ Borehole ☐ Spring	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	3/12/25	3/13/25	→	→	→	
Time	24-hour	1100	1350	1542	1553	1617	
Depth to Water	feet	95.59	95.61	→	→		
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☒ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet

Well goes dry during purging: Yes (No)

Casing vol.: gallons = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1525	1530	1535	1540	1545	1550						
Purge vol.	gallons												Remarks
Purge rate	mL/min	300	300	300	300	300	300						
pH	su	6.76	6.70	6.61	6.59	6.59	6.58						
Temp.	°C	19.41	19.05	19.87	19.91	19.84	19.80						
Sp. Cond.	µS/cm	533	543	590	615	616	621						
D.O.	mg/L	0.78	0.51	0.26	0.16	0.14	0.12						
ORP	mV	-12.8	-14.2	-11.6	-12.7	-12.9	-14.2						
Turbidity	NTU	110	49.2	25.2	15.3	12.7	9.64						
Color/tint		Cloudy	→	→	Clear	→	→						
Odor		None	→	→	→	→	→						

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW29	3/13/25	1555	6	0	

Sampler's Name (print): Michael Clayton

Sampler Signature: [signature]

FIRST HALF 2025 DETECTION MONITORING & QUARTERLY BACKGROUND SAMPLING EVENT MAY 2025

olsson ftn **Groundwater Level Data Sheet**

Project Name: Craighead County Legacy Landfill	**Project Number:** R04469-3357-001	**Investigator:** Michael Clayton	**Page** 2 **of** 2
Weather Conditions: Clear 65° NW @ 10	**Measuring Device:** Geotech 200'		

Well ID	Date	Time	Depth to Water (ft below TOC)	Damages/Repairs		
MW-22	5/5/25	1036	101.23	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-14R		1053	107.25	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-17R		1106	123.36	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-19		1122	106.28	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-16R		1131	101.73	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-20R		1142	100.87	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-21		1154	96.08	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-9R2		1207	95.97	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-23		1233	91.02	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-24		1254 1246 MC	94.38	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW-25		1319	95.46	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW -26		1328	96.72	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW -27R		1340	96.71	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW -28		1304	92.23	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
MW -29	↓	1243	95.52	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☑ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record

Notes:
TOC=top of casing
GW=groundwater

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW912	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/15/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 80	Wind: SSW @ 23			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/15/25	5/15/25	→	→	→	
Time	24-hour	1207	1025	1053	1112	1148	
Depth to Water	feet	95.97	95.75	95.78	95.75	95.75	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1030	1035	1040	1045	1050	1055	1100	1105	1110			Remarks
Purge vol.	gallons												
Purge rate	mL/min	140	140	140	140	140	140	140	140	140			
pH	su	7.44	6.82	6.86	6.95	7.07	7.12	7.18	7.20	7.22			
Temp.	°C	22.64	21.62	21.78	21.77	21.79	21.86	21.94	22.07	22.18			
Sp. Cond.	µS/cm	352	355	354	353	350	346	343	342	342			
D.O.	mg/L	5.75	2.91	1.89	1.40	1.32	1.31	1.29	1.24	1.19			
ORP	mV	126.2	137.5	61.8	22.5	-2.2	-14.4	-19.4	-31.2	-35.6			
Turbidity	NTU	1.51	1.12	1.22	1.42	1.27	1.24	1.14	1.11	1.00			
Color/tint		Clear	→	→	→	→	→	→	→	→			
Odor		None	→	→	→	→	→	→	→	→			

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW912	5/15/25	1115	8	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

PS 1 of 3

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 14R	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/7/25	Sampler Organization: Olsson

Site Description

Weather: Light Rain	Air Temp (°F): 64	Wind: E @ 9			
Site type: ☒ Monitoring Well ☐ Production Well ☐ Dewatering Well ☐ Other: ☐ Extraction Well ☐ Borehole ☐ Spring	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/7/25	→	→	→	
Time	24-hour	1053	1210	1328	1502	1612	
Depth to Water	feet	107.25	107.22	→	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet

Casing vol.: gallons = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Well goes dry during purging: Yes No

Time	24-hour	1230	1235	1240	1245	1250	1255	1300	1305	1310	1315	1320	1325	Remarks
Purge vol.	gallons													1330
Purge rate	mL/min	120	120	120	120	120	120	120	120	120	120	120	120	120
pH	su	6.94	6.88	6.84	6.83	6.82	6.82	6.83	6.83	6.82	6.82	6.83	6.82	6.83
Temp.	°C	18.11	18.05	17.97	17.85	17.80	17.76	17.90	17.69	17.61	17.57	17.54	17.51	17.50
Sp. Cond.	µS/cm	733	763	784	797	806	811	813	815	814	814	814	814	813
D.O.	mg/L	2.15	2.07	2.07	1.82	1.49	0.75	0.73	0.57	0.51	0.45	0.46	0.42	0.35
ORP	mV	91.0	33.2	-6.0	-18.0	-21.3	-26.2	-31.9	-31.3	-31.1	-32.3	-32.5	-33.6	-36.4
Turbidity	NTU	149	139	218	196	220	511	223	164	154	108	73.8	71.2	62.8
Color/tint		Cloudy	→	→	→	→	→	→	→	→	→	→	→	→
Odor		None	→	→	→	→	→	→	→	→	→	→	→	→

Released out Flow Cell

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW14R	5/7/25	1505	8	0	
MW14R Dup	5/7/25	1510	6	0	

Sampler's Name (print): Michael Clayton Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 14R	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/7/25	Sampler Organization: Olsson

Site Description

Weather:	Air Temp (°F):	Wind:			
Site type: ☐ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☐ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy						
Time	24-hour						
Depth to Water	feet						
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☐ YSI MPS 556 ☐ Other: ☐ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes No
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

														Remarks		
Time	24-hour	1335	1340	1345	1350	1355	1400	1405	1410	1415	1420	1425	1430	1435	1440	1445
Purge vol.	gallons															
Purge rate	mL/min	120	120	120	120	100	100	100	100	100	100	140	140	140	70	70
pH	su	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.84
Temp.	°C	17.50	17.51	17.50	17.51	17.48	17.46	17.47	17.46	17.47	17.49	17.57	17.55	17.58	17.66	18.00
Sp. Cond.	µS/cm	813	813	813	813	813	813	812	812	812	812	813	811	811	810	811
D.O.	mg/L	0.52	0.39	0.37	0.37	0.32	0.33	0.34	0.33	0.32	0.34	0.34	0.33	0.36	0.35	0.37
ORP	mV	-37.3	-39.2	-37.8	-39.6	-39.3	-39.4	-40.8	-41.5	-40.9	-43.1	-41.8	-43.3	-44.6	-44.6	-45.3
Turbidity	NTU	54.8	39.1	35.8	40.4	70.0	57.2	52.3	50.0	39.6	39.2	50.7	34.2	37.9	29.2	25.2
Color/tint		cloudy	~	~	~	~	~	~	~	~	~	~	~	~	→	
Odor		none	~	~	~	~	~	~	~	~	~	~	~	~	→	

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW14R	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/7/25	Sampler Organization: Olsson

Site Description

Weather:	Air Temp (°F):	Wind:			
Site type: ☐ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☐ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description:
☐ Mark/notch on TOC
☐ North rim of TOC
☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy						
Time	24-hour						
Depth to Water	feet						
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters:
☐ YSI ProPlus ☐ Hach 2100P Turbidimeter
☐ YSI MPS 556 ☐ HF Scientific Turbidimeter
☐ Other: ☐ Other:

Pump description:
☐ Peristaltic
☐ Bladder (dedicated/portable)
☐ Submersible

Bailer description:
☐ Disposable polyethylene
☐ Disposable Teflon
☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes No											
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408											
Time	24-hour	1450	1455	1500										Remarks
Purge vol.	gallons													
Purge rate	mL/min	70	70	70										
pH	su	6.84	6.84	6.84										
Temp.	°C	18.14	18.29	18.36										
Sp. Cond.	µS/cm	811	811	812										
D.O.	mg/L	0.38	0.40	0.41										
ORP	mV	-44.3	-42.2	-44.3										
Turbidity	NTU	25.8	25.4	26.4										
Color/tint		Cloudy	→											
Odor		None	→											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks

Sampler's Name (print): Michael Clayton	Sampler Signature:

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW16R	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/15/25	Sampler Organization: Olsson

Site Description

Weather: P/C	Air Temp (°F): 75	Wind: SSW @ 18			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) / No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☒ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/15/25	5/15/25	→	→	→	
Time	24-hour	1131	830	917	925	1000	
Depth to Water	feet	101.73	101.47	101.49	101.49	101.49	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet

Well goes dry during purging: Yes (No)

Casing vol.: gallons = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

													Remarks
Time	24-hour	840	845	850	855	900	905	910	915	920	925		
Purge vol.	gallons												
Purge rate	mL/min	120	120	120	120	120	120	120	120	120	120		
pH	su	6.35	6.23	6.14	6.08	6.07	6.06	6.01	6.02	6.02	6.03		
Temp.	°C	22.45	22.60	23.13	23.40	23.45	23.42	23.46	23.49	23.50	23.54		
Sp. Cond.	µS/cm	661	633	564	540	524	528	526	525	524	524		
D.O.	mg/L	1.37	0.64	0.89	0.56	0.39	0.29	0.21	0.17	0.19	0.18		
ORP	mV	107.1	87.8	66.4	44.6	31.2	10.6	-4.4	-10.8	-14.8	-17.2		
Turbidity	NTU	2.25	3.98	5.96	6.47	5.17	4.47	4.43	3.62	3.94	3.78		
Color/tint		Clear	→	→	→	→	→	→	→	→	→		
Odor		none	→	→	→	→	→	→	→	→	→		

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW16R	5/15/25	930	8	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW17R	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/8/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 63	Wind: W @ 9			
Site type: ■ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ■ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description:
■ Mark/notch on TOC
☐ North rim of TOC
☐ Other:

Water level meter: ☐ Geotech/Keck 100' ■ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/8/25	→	→	→	
Time	24-hour	1106	850	913	927	946	
Depth to Water	feet	123.36	123.33	→	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters:
☐ YSI ProPlus ■ Hach 2100P Turbidimeter
■ YSI MPS 556 ☐ HF Scientific Turbidimeter
☐ Other: ☐ Other:

Pump description:
☐ Peristaltic
■ Bladder (dedicated/portable)
☐ Submersible

Bailer description:
☐ Disposable polyethylene
☐ Disposable Teflon
☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	900	905	910	915	920	925						Remarks
Purge vol.	gallons												
Purge rate	mL/min	230	230	230	230	230	230						
pH	su	6.69	6.60	6.68	6.73	6.76	6.76						
Temp.	°C	18.83	18.57	18.33	18.25	18.22	18.25						
Sp. Cond.	µS/cm	662	662	663	662	662	660						
D.O.	mg/L	2.41	0.88	0.33	0.20	0.17	0.13						
ORP	mV	53.1	-23.4	-46.2	-63.1	-60.9	-65.5						
Turbidity	NTU	8.44	3.30	2.54	1.69	1.74	2.41						
Color/tint		Clear	→	→	→	→	→						
Odor		None	→	→	→	→	→						

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW17R	5/8/25	930	6	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW19	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/8/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 68	Wind: wind			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/8/25	→	→	→	
Time	24-hour	1122	1100	1125	1148	1210	
Depth to Water	feet	106.25	106.27	→	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	1110	1115	1120	1125	1130	1135	1140	1145				Remarks
Purge vol.	gallons												
Purge rate	mL/min	180	180	180	180	180	180	180	180				
pH	su	6.25	6.45	6.75	6.92	7.03	7.07	7.09	7.09				
Temp.	°C	20.51	22.31	23.33	23.47	23.36	23.34	23.33	23.33				
Sp. Cond.	µS/cm	568	549	520	507	494	489	484	480				
D.O.	mg/L	1.58	0.94	0.68	0.61	0.44	0.33	0.27	0.22				
ORP	mV	14.4	-8.2	-23.2	-41.6	-46.2	-56.5	-61.1	-59.0				
Turbidity	NTU	5.54	3.18	1.96	1.28	1.25	1.16	1.03	0.94				
Color/tint		Clear	→	→	→	→	→	→	→				
Odor		None	→	→	→	→	→	→	→				

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW19	5/8/25	1150	8	0	

Sampler's Name (print): Michael Clayton	Sampler Signature:

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 20R	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/8/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 73	Wind: WNW @ 10			
Site type: ■ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ■ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ■ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ■ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/8/25	→	→	→	
Time	24-hour	1142	1450	1527	1603	1625	
Depth to Water	feet	100.87	99.76	→	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ■ YSI MPS 556 ☐ Other: ■ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ■ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet

Well goes dry during purging: Yes (No)

Casing vol.: gallons = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1500	1505	1510	1515	1520	1525	1530	1535	1540	1545	1550	1555	Remarks 1600
Purge vol.	gallons													
Purge rate	mL/min	170	170	170	170	170	170	170	170	170	170	170	170	170
pH	su	5.76	6.11	6.03	5.91	6.01	6.11	6.25	6.36	6.45	6.51	6.55	6.58	6.59
Temp.	°C	20.95	20.52	20.45	20.29	20.13	20.21	20.17	20.21	20.32	20.30	20.61	20.62	20.26
Sp. Cond.	µS/cm	503	498	497	495	496	493	492	491	489	489	489	489	486
D.O.	mg/L	0.47	0.19	0.20	0.14	0.13	0.13	0.13	0.10	0.09	0.11	0.11	0.10	0.09
ORP	mV	7.1	-10.4	-11.3	-7.3	-11.5	-18.9	-22.7	-22.7	-22.6	-23.3	-23.3	-25.4	-30.1
Turbidity	NTU	13.6	6.67	4.48	2.05	1.69	1.50	1.19	1.37	1.18	1.05	1.00	1.13	1.09
Color/tint		Clear	→	→	→	→	→	→	→	→	→	→	→	→
Odor		None	→	→	→	→	→	→	→	→	→	→	→	→

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW20R	5/8/25	1605	8	0	

Sampler's Name (print): Michael Clayton

Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 21	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/6/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 74	Wind: Calm			
Site type: ☒ Monitoring Well ☐ Production Well ☐ Dewatering Well ☐ Other: ☐ Extraction Well ☐ Borehole ☐ Spring	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes / No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/6/25	→	→	→	
Time	24-hour	1154	1520	1617	1638	1701	
Depth to Water	feet	96.08	96.08	→	→		
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet

Well goes dry during purging: Yes (No)

Casing vol.: gallons = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

													Remarks
Time	24-hour	1550	1555	1600	1605	1610	1615	1620	1625	1630	1644 / 1635		
Purge vol.	gallons												
Purge rate	mL/min	160	160	160	160	160	160	160	160	160	160		
pH	su	3.63	6.24	6.52	6.64	6.67	6.69	6.69	6.70	6.70	6.70		
Temp.	°C	23.72	24.58	24.62	24.44	24.30	24.18	24.05	23.96	23.85	23.84		
Sp. Cond.	µS/cm	6.92	664	728	768	775	770	766	761	756	752		
D.O.	mg/L	3.54	2.69	1.69	1.02	0.71	0.49	0.41	0.38	0.38	0.38		
ORP	mV	163.8	18.3	-31.5	-50.4	-53.7	-57.9	-59.0	-59.1	-59.0	-59.0		
Turbidity	NTU	6.73	19.9	20.9	19.4	18.6	19.4	13.7	11.6	10.3	8.85		
Color/tint		Clear	→	→	→	→	→	→	→	→	→		
Odor		None	→	→	→	→	→	→	→	→	→		

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW21	5/6/25	1640	6	0	

Sampler's Name (print): Michael Clayton

Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 21	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/8/25	Sampler Organization: Olsson

Site Description

Weather: P/C	Air Temp (°F): 68	Wind: W@7			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? ~~Yes~~ No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description:
☒ Mark/notch on TOC
☐ North rim of TOC
☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/8/25	→	→	→	
Time	24-hour	1154	1000	1018	1033	1047	
Depth to Water	feet	96.04	96.07	→	→		
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters:
☐ YSI ProPlus
☒ YSI MPS 556
☐ Other:
☒ Hach 2100P Turbidimeter
☐ HF Scientific Turbidimeter
☐ Other:

Pump description:
☐ Peristaltic
☒ Bladder (~~dedicated~~/portable)
☐ Submersible

Bailer description:
☐ Disposable polyethylene
☐ Disposable Teflon
☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes ~~No~~
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1005	1010	1015	1020	1025	1030						Remarks
Purge vol.	gallons												
Purge rate	mL/min	200	200	200	200	200	200						
pH	su	6.55	6.60	6.67	6.69	6.69	6.69						
Temp.	°C	22.25	24.50	24.68	25.66	25.45	25.56						
Sp. Cond.	µS/cm	718	720	732	747	749	749						
D.O.	mg/L	0.93	1.14	0.70	0.25	0.16	0.11						
ORP	mV	-58.4	-58.3	-56.1	-57.0	-57.4	-57.8						
Turbidity	NTU	9.75	5.53	3.69	2.34	1.74	1.49						
Color/tint		Clear	→	→	→	→	→						
Odor		None	→	→	→	→	→						

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW21	5/8/25	1035	2	0	

Sampler's Name (print): Michael Clayton	Sampler Signature:

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW22	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/7/25	Sampler Organization: Olsson

Site Description

Weather: Light Rain	Air Temp (°F): 62	Wind: E @ 10			
Site type: ■ Monitoring Well ☐ Production Well ☐ Dewatering Well ☐ Other: ☐ Extraction Well ☐ Borehole ☐ Spring	Well casing material: ■ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ■ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ■ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/6/25	5/7/25	→	→	→	
Time	24-hour	1038	1015	1053	1112	1142	
Depth to Water	feet	101.23	101.20	→	→		
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ■ YSI MPS 556 ☐ Other: ■ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ■ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet

Well goes dry during purging: Yes (No)

Casing vol.: gallons = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1020	1025	1030	1035	1040	1045	1050	1055	1100	1105	1110	Remarks
Purge vol.	gallons												
Purge rate	mL/min	210	210	210	210	210	210	210	160	160	160	160	
pH	su	7.37	7.22	7.35	7.39	7.40	7.40	7.40	7.41	7.41	7.41	7.41	
Temp.	°C	17.60	17.71	18.08	18.11	18.12	18.09	18.15	18.21	18.09	18.20	18.32	
Sp. Cond.	µS/cm	285	290	282	277	276	275	275	274	274	274	273	
D.O.	mg/L	8.93	6.92	3.57	2.27	1.91	1.38	1.18	0.96	0.84	0.78	0.64	
ORP	mV	171.4	74.8	-12.2	-30.4	-35.4	-35.8	-43.4	-46.7	-47.6	-47.6	-49.8	
Turbidity	NTU	11.1	9.12	15.7	15.8	11.5	11.6	15.4	15.6	13.9	10.8	9.32	
Color/tint		Clear	w/ PARTICULATE	→	→	→	→	→	→	→	→	→	
Odor		None	→	→	→	→	→	→	→	→	→	→	

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW22	5/7/25	1115	8	0	

Sampler's Name (print): Michael Clayton

Sampler Signature: Michael Clayton

PS 1 of 2

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 23	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/6/25	Sampler Organization: Olsson

Site Description

Weather: P/C	Air Temp (°F): 68	Wind: ESE @ 10			
Site type: ☒ Monitoring Well ☐ Production Well ☐ Dewatering Well ☐ Other: ☐ Extraction Well ☐ Borehole ☐ Spring	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/6/25	→	→	→	
Time	24-hour	1233	1020	1127	1207	1237	
Depth to Water	feet	91.02	91.12	→	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet

Well goes dry during purging: Yes (No)

Casing vol.: gallons = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

														Remarks	
Time	24-hour	1030	1035	1040	1045	1050	1055	1100	1105	1110	1115	1120	1125	1130	1135
Purge vol.	gallons														
Purge rate	mL/min	160	160	160	130	120	130	130	130	130	130	100	100	80	80
pH	su	6.93	6.95	6.95	6.95	6.95	6.94	6.94	6.94	6.93	6.93	6.94	6.96	6.95	6.95
Temp.	°C	18.14	18.21	18.18	18.20	18.22	18.22	18.26	18.33	18.34	18.48	18.60	20.52	20.88	20.47
Sp. Cond.	µS/cm	481	478	477	476	478	478	480	482	483	484	485	488	489	490
D.O.	mg/L	1.51	1.04	0.92	0.91	0.76	0.77	0.69	0.61	0.55	0.55	0.44	0.52	0.63	0.60
ORP	mV	-44.6	-48.2	-48.4	-50.6	-52.9	-53.1	-52.9	-52.9	-53.7	-54.5	-54.4	-55.1	-54.4	-54.0
Turbidity	NTU	97.4	86.4	62.1	67.1	40.8	33.3	23.1	25.8	19.1	17.2	15.4	14.7	19.3	19.3
Color/tint		cloudy	→	→	→	→	→	→	→	Clear	→	→	→	→	→
Odor		none	→	→	→	→	→	→	→	→	→	→	→	→	→

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW 23	5/6/25	1210	6	0	

Sampler's Name (print): Michael Clayton

Sampler Signature:

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW23	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/6/25	Sampler Organization: Olsson

Site Description

Weather:	Air Temp (°F):	Wind:			
Site type: ☐ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☐ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy						
Time	24-hour						
Depth to Water	feet						
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☐ YSI MPS 556 ☐ Other: ☐ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes No										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	1140	1145	1150	1155	1200	1205						Remarks
Purge vol.	gallons												
Purge rate	mL/min	110	110	110	110	110	110						
pH	su	6.95	~~20.03~~ 6.95	6.94	6.94	6.93	6.93						
Temp.	°C	20.03	19.84	19.74	19.26	19.33	19.33						
Sp. Cond.	µS/cm	491	491	489	490	488	489						
D.O.	mg/L	0.68	0.64	0.55	0.53	0.46	0.45						
ORP	mV	-54.1	-54.0	-53.1	-54.1	-54.2	-53.7						
Turbidity	NTU	27.0	28.3	23.4	15.1	11.6	9.80						
Color/tint		Clear →											
Odor		None →											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW24	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/6/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 74	Wind: E @ 6			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/6/25	→	→	→	
Time	24-hour	1256	1247	1334	1345	1406	
Depth to Water	feet	94.38	94.39	→	→		
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☒ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	1255	1300	1305	1310	1315	1320	1325	1330	1335	1340	1345	Remarks
Purge vol.	gallons												
Purge rate	mL/min	180	180	180	180	180	180	180	180	180	160	160	
pH	su	6.45	6.61	6.74	6.85	6.86	6.85	6.85	6.84	6.84	6.83	6.82	
Temp.	°C	22.70	22.71	23.26	23.99	23.87	24.12	24.15	23.98	23.32	22.21	21.86	
Sp. Cond.	µS/cm	710	645	637	602	587	576	571	569	568	565	563	
D.O.	mg/L	2.71	1.46	0.99	0.65	0.56	0.50	0.46	0.51	0.53	0.47	0.42	
ORP	mV	13.0	-14.6	-34.0	-49.0	-57.2	-52.6	-52.7	-52.1	-51.1	-49.4	-48.6	
Turbidity	NTU	(9.3)	30.2	40.9	52.8	41.5	28.8	21.4	16.1	13.1	8.55	6.39	
Color/tint		Clear	Cloudy	→	→	→	→	Clear	→	→	→	→	
Odor		None	→	→	→	→	→	→	→	→	→	→	

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW24	5/6/25	1350	6	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW25	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/6/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 75	Wind: E @ 10			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description:
☒ Mark/notch on TOC
☐ North rim of TOC
☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper–T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/6/25	→	→	→	
Time	24-hour	1319	1415	1438	1447 ~~1502~~ MCL	1502	
Depth to Water	feet	95.46	95.592	95.51	→	→	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters:
☐ YSI ProPlus
☒ YSI MPS 556
☐ Other:
☒ Hach 2100P Turbidimeter
☐ HF Scientific Turbidimeter
☐ Other:

Pump description:
☐ Peristaltic
☒ Bladder (dedicated/portable)
☐ Submersible

Bailer description:
☐ Disposable polyethylene
☐ Disposable Teflon
☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	1420	1425	1430	1435	1440	1445						Remarks
Purge vol.	gallons												
Purge rate	mL/min	210	210	210	210	210	210						
pH	su	6.57	6.68	6.68	6.68	6.68	6.68						
Temp.	°C	23.12	21.74	21.60	21.52	21.10	21.17						
Sp. Cond.	µS/cm	665	637	635	633	630	627						
D.O.	mg/L	3.16	1.21	0.69	0.81	0.60	0.60						
ORP	mV	58.7	-35.6	-39.2	-40.4	-43.2	-43.7						
Turbidity	NTU	8.00	5.60	1.84	3.20	1.70	1.41						
Color/tint		Clear	→	→	→	→	→						
Odor		None	→	→	→	→	→						

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW25	5/6/25	1450	6	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 26	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/15/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 80	Wind: SSW 9/19			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/15/25	→	→	→	
Time	24-hour	1328	1335	1407	1418	1443	
Depth to Water	feet	96.72	96.52	96.51	96.51	96.51	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet | Well goes dry during purging: Yes No

Casing vol.: gallons | = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

													Remarks
Time	24-hour	1340	1345	1350	1355	1400	1405	1410	1415				
Purge vol.	gallons												
Purge rate	mL/min	260	260	260	260	260	260	260	260				
pH	su	7.09	7.06	6.96	7.00	7.04	7.05	7.06	7.06				
Temp.	°C	19.29	19.07	19.21	19.31	19.36	19.35	19.45	19.49				
Sp. Cond.	µS/cm	513	494	488	484	482	483	483	484				
D.O.	mg/L	4.70	0.93	0.72	0.48	0.44	0.44	0.42	0.43				
ORP	mV	-18.3	-36.5	-35.9	-45.8	-49.4	-50.1	-50.7	-50.2				
Turbidity	NTU	3.26	13.5	31.1	18.0	7.49	6.34	5.86	5.36				
Color/tint		Clear	→	→	→	→	→	→	→				
Odor		None	→	→	→	→	→	→	→				

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW 26	5/15/25	1420	6	0	

Sampler's Name (print): Michael Clayton | Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW 27R	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/15/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 77	Wind: SSW @ 15			
Site type: ■ Monitoring Well ☐ Production Well ☐ Dewatering Well ☐ Other: ☐ Extraction Well ☐ Borehole ☐ Spring	Well casing material: ■ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? (Yes) No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ■ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ■ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/15/25	5/15/25	→	→		
Time	24-hour	1340	1205	1242	1253	1322	
Depth to Water	feet	96.71	96.52	96.52	96.52	96.52	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ■ YSI MPS 556 ☐ Other: ■ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ■ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth: feet | Well goes dry during purging: Yes (No)

Casing vol.: gallons | = [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

													Remarks
Time	24-hour	1210	1215	1220	1225	1230	1235	1240	1245	1250			
Purge vol.	gallons												
Purge rate	mL/min	300	260	260	260	260	260	260	260	260			
pH	su	6.37	6.37	6.53	6.60	6.64	6.67	6.68	~~6.66~~ 6.70 mcc	6.70			
Temp.	°C	20.20	19.64	19.56	19.71	19.65	19.66	19.66	19.76	19.84			
Sp. Cond.	µS/cm	640	663	665	664	662	661	657	655	654			
D.O.	mg/L	2.03	0.26	0.13	0.20	0.14	0.12	0.12	0.10	0.10			
ORP	mV	14.9	-10.6	-24.6	-27.6	-31.0	-32.0	-33.5	-34.2	-35.3			
Turbidity	NTU	2.34	3.90	5.46	7.49	6.38	5.34	4.13	3.17	2.46			
Color/tint		Clear	→							→			
Odor		None	→							→			

6.70 mcc

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW 27R	5/15/25	1255	6	0	

Sampler's Name (print): Michael Clayton | Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW28	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/16/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 76	Wind: SSW @ 14			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes / No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/16/25	→	→	→	
Time	24-hour	1304	1010	1027	1103	1137	
Depth to Water	feet	92.23	92.07	92.10	92.10	92.11	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☒ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	1015	1020	1025	1030	1035	1040	1045	1050	1055	1100		Remarks
Purge vol.	gallons												
Purge rate	mL/min	210	210	210	210	210	210	210	210	210	210		
pH	su	7.00	6.99	6.99	6.98	6.96	6.96	6.96	6.94	6.94	6.94		
Temp.	°C	21.26	21.25	21.57	21.90	21.81	22.06	22.25	21.62	21.73	21.42		
Sp. Cond.	µS/cm	547	548	552	560	566	571	570	573	572	565		
D.O.	mg/L	0.57	0.37	0.50	0.37	0.27	0.35	0.25	0.24	0.21	0.14		
ORP	mV	-47.4	-50.3	-48.6	-45.1	-48.8	-50.0	-49.4	-50.5	-49.7	-52.8		
Turbidity	NTU	92	88.7	69.7	50.7	23.5	17.2	17.5	14.1	10.8	9.42		
Color/tint		Cloudy	→	→	→	→	Clear	→	→	→	→		
Odor		None	→	→	→	→	→	→	→	→	→		

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW28	5/16/25	1105	6	0	
EB-2	5/14/25	1150	6	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW29	Sampler: MCC
Project Number: A24-01259	Date: 5/16/25	Sampler Organization: Olsson

Site Description

Weather: Cloudy	Air Temp (°F): 73	Wind: SW@12			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description:
☒ Mark/notch on TOC
☐ North rim of TOC
☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	5/5/25	5/16/25	→	→		
Time	24-hour	1343	840	913	933	954	
Depth to Water	feet	95.52	95.38	95.42	95.42	95.42	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters:
☐ YSI ProPlus ☒ Hach 2100P Turbidimeter
☒ YSI MPS 556 ☐ HF Scientific Turbidimeter
☐ Other: ☐ Other:

Pump description:
☐ Peristaltic
☐ Bladder (dedicated/portable)
☒ Submersible

Bailer description:
☐ Disposable polyethylene
☐ Disposable Teflon
☐ Disposable PVC

Purge depth: feet
Casing vol.: gallons
Well goes dry during purging: Yes ☒ No
= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	850	855	900	905	910	915	920	925	930			Remarks
Purge vol.	gallons												
Purge rate	mL/min	350	350	350	350	350	350	350	350	350			
pH	su	6.46	6.07	5.94	6.08	6.16	6.25	6.32	6.37	6.40			
Temp.	°C	18.63	18.99	19.15	19.26	19.30	19.31	19.33	19.38	19.29			
Sp. Cond.	µS/cm	719	723	722	717	712	708	706	704	702			
D.O.	mg/L	1.73	0.74	0.45	0.36	0.24	0.15	0.16	0.12	0.10			
ORP	mV	9.2	23.7	20.5	10.5	2.4	-6.1	-9.7	-16.3	-19.8			
Turbidity	NTU	33.6	25.8	18.1	11.8	10.2	7.93	7.53	4.29	3.54			
Color/tint		Cloudy →	Clear	→	→	→	→	→	→	→			
Odor		None	→	→	→	→	→	→	→	→			

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW29	5/16/25	935	6	0	

Sampler's Name (print): Michael Clayton

Sampler Signature:

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: Landfill Bldg A	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/16/25	Sampler Organization: Olsson

Site Description

Weather:	Air Temp (°F):	Wind:			
Site type: ☐ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☐ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy						
Time	24-hour						
Depth to Water	feet						
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☐ YSI MPS 556 ☐ Other: ☐ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes No										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour												Remarks
Purge vol.	gallons												
Purge rate	mL/min												
pH	su	7.65											
Temp.	°C	26.45											
Sp. Cond.	µS/cm	10897											
D.O.	mg/L	0.84											
ORP	mV	-61.4											
Turbidity	NTU	173											
Color/tint		Black/Dark Green											
Odor		Sour											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
Landfill Bldg A	5/16/25	1210	8	3	Heavy Fumes Reaction on Preserved Bottles

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: Leachate Bldg B	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/16/25	Sampler Organization: Olsson

Site Description

Weather:	Air Temp (°F):	Wind:			
Site type: ☐ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☐ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked?
		Total depth from TOC	feet		Yes
		TOC below/above ground	feet		No
Damages/repairs needed:					

Water Level Data

Measuring point description:
☐ Mark/notch on TOC
☐ North rim of TOC
☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy						
Time	24-hour						
Depth to Water	feet						
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters:
☐ YSI ProPlus ☐ Hach 2100P Turbidimeter
☐ YSI MPS 556 ☐ HF Scientific Turbidimeter
☐ Other: ☐ Other:

Pump description:
☐ Peristaltic
☐ Bladder (dedicated/portable)
☐ Submersible

Bailer description:
☐ Disposable polyethylene
☐ Disposable Teflon
☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes No
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour													Remarks
Purge vol.	gallons													
Purge rate	mL/min													
pH	su	7.52												
Temp.	°C	25.25												
Sp. Cond.	µS/cm	1013												
D.O.	mg/L	3.59												
ORP	mV	73.5												
Turbidity	NTU	25.9												
Color/tint		Amber/Clear												
Odor		Sour												

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
Leachate Bldg B	5/16/25	1230	8	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: Leachate Bldg C	Sampler: Michael Clayton
Project Number: A24-01259	Date: 5/16/25	Sampler Organization: Olsson

Site Description

Weather:	Air Temp (°F):	Wind:			
Site type: ☐ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☐ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy						
Time	24-hour						
Depth to Water	feet						
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☐ YSI MPS 556 ☐ Other: ☐ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes No											
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408											
Time	24-hour													Remarks
Purge vol.	gallons													
Purge rate	mL/min													
pH	su	7.49												
Temp.	°C	27.16												
Sp. Cond.	µS/cm	10176												
D.O.	mg/L	1.92												
ORP	mV	82.2												
Turbidity	NTU	216												
Color/tint		Green/Brown												
Odor		Mild/Sour												

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
Leachate Bldg C	5/16/25	1300	8	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

FIRST HALF 2025 VERIFICATION SAMPLING EVENT
JULY 2025

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW21	Sampler: Michael Clayton
Project Number: A24-01259	Date: 7/29/25	Sampler Organization: Olsson

Site Description

Weather: Clear	Air Temp (°F): 91	Wind: N 2 7			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes / No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	7/29/25 →					
Time	24-hour		910	938	950	1011	
Depth to Water	feet		98.06	98.06	98.06	98.06	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)										
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408										
Time	24-hour	920	925	930	935	940	945	950					Remarks
Purge vol.	gallons												
Purge rate	mL/min	140	140	140	140	140	140	140					
pH	su	6.46	6.67	6.59	6.56	6.57	6.56	6.54					
Temp.	°C	29.34	28.92	29.30	29.50	30.07	30.17	29.74					
Sp. Cond.	µS/cm	813	817	791	771	752	747	737					
D.O.	mg/L	4.60	4.64	3.31	1.33	0.89	0.78	0.44					
ORP	mV	89.3	72.5	44.0	24.3	19.8	10.3	4.3					
Turbidity	NTU	3.35	3.06	3.52	4.83	3.01	3.05	2.85					
Color/tint		Clear →											
Odor		none →											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW21	7/29/25	955	3	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

Groundwater Sampling Record

Facility: Craighead County Legacy Landfill	Site ID: MW22	Sampler: Michael Clayton
Project Number: A24-01259	Date: 7/29/25	Sampler Organization: Olsson

Site Description

Weather: Clear	Air Temp (°F): 95	Wind: N/A 8			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	2	Well locked? Yes / No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:

Water level meter: ☐ Geotech/Keck 100' ☒ Geotech/Keck 200' ☐ Heron Dipper –T ☐ Solinst 101 ☐ Other:

		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	7/29/25	→	→	→	→	
Time	24-hour		1025	1107	1118	1126	
Depth to Water	feet		101.64	101.66	101.66	101.66	
Product/Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other: ☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:

Pump description: ☐ Peristaltic ☒ Bladder (dedicated/portable) ☐ Submersible

Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC

Purge depth	feet		Well goes dry during purging: Yes (No)
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]^2 × 0.0408

Time	24-hour	1030	1035	1040	1045	1050	1055	1100	1105	1110	1115		Remarks
Purge vol.	gallons												
Purge rate	mL/min	100	100	100	100	100	100	100	100	100	100		
pH	su	7.40	7.13	6.72	6.87	7.05	7.17	7.26	7.31	7.32	7.33		
Temp.	°C	23.84	22.35	21.76	21.62	21.49	21.90	22.12	23.13	22.20	22.33		
Sp. Cond.	µS/cm	306	298	294	292	291	290	290	290	290	290		
D.O.	mg/L	6.98	6.65	2.45	0.96	0.65	0.53	0.48	0.44	0.41	0.40		
ORP	mV	40.7	57.3	38.3	2.4	+20.6	+33.1	+40.1	+43.7	+51.0	+53.9		
Turbidity	NTU	13.3	12.5	20.7	40.2	20.0	17.0	16.6	13.5	8.20	6.80		
Color/tint		Clear w/ Orange Particulate	→	→	→	→	→	→	→	→	→		
Odor		None	→	→	→	→	→	→	→	→	→		

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW22	7/29/25	1120	1	0	
MW22 Dup	7/29/25	1125	1	0	
EB-2	7/29/25	1140	3	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: Michael Clayton

APPENDIX B
LABORATORY REPORTS

QUARTERLY BACKGROUND SAMPLING EVENT
MARCH 2025

ANALYTICAL REPORT

March 24, 2025

Legacy Landfill

Sample Delivery Group:	L1836751
Samples Received:	03/15/2025
Project Number:	024-01259
Description:	Craighead County - Legacy Landfill

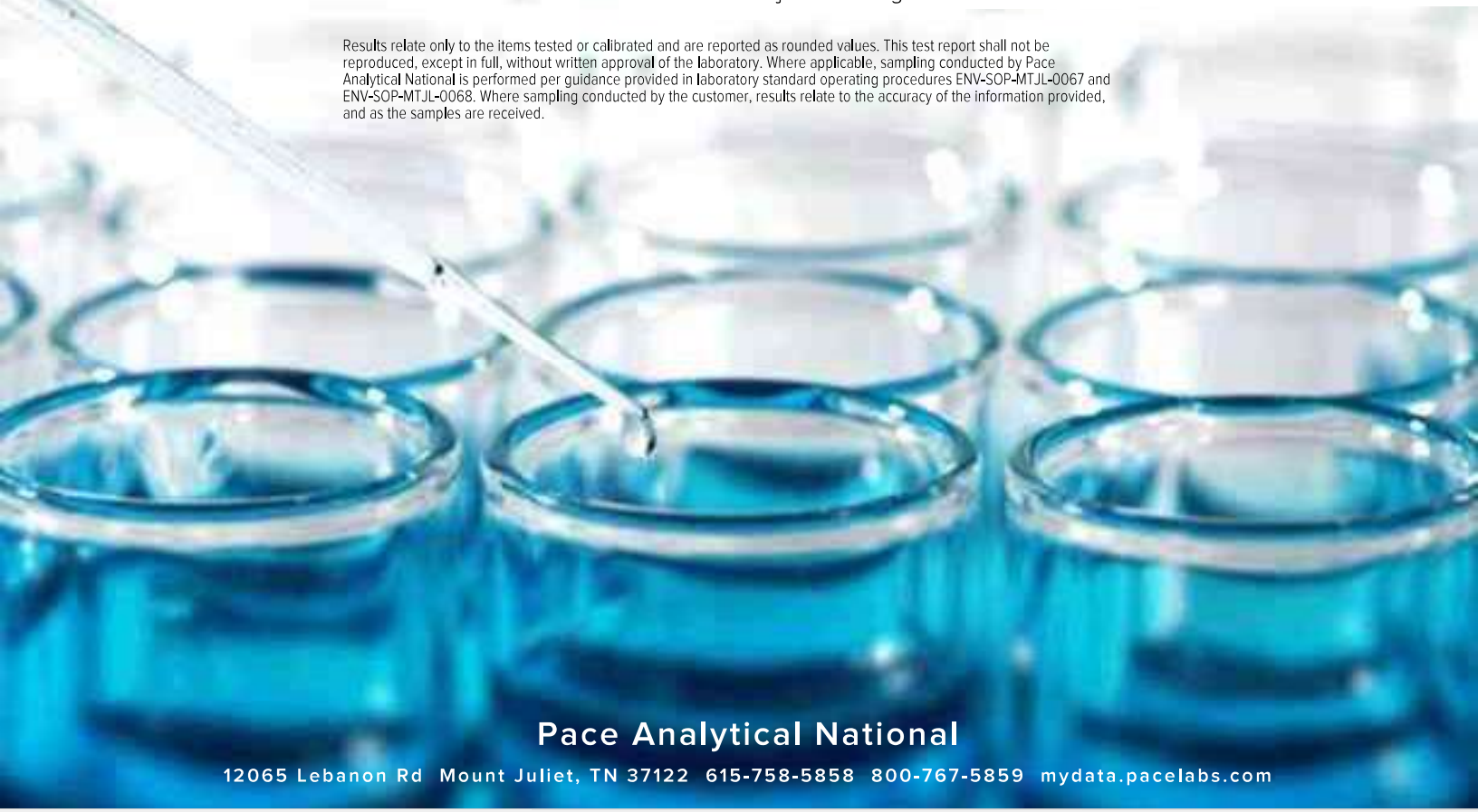
Report To:

Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 5

Sr: Sample Results 6

MW-23 L1836751-01 6

MW-24 L1836751-02 8

MW-25 L1836751-03 10

MW-26 L1836751-04 12

MW-27R L1836751-05 14

MW-28 L1836751-06 16

MW-29 L1836751-07 18

MW-27R DUP L1836751-08 20

EB-1 L1836751-09 22

Qc: Quality Control Summary 24

Gravimetric Analysis by Method 2540 C-2011 24

Wet Chemistry by Method 9056A 25

Wet Chemistry by Method 9060A 27

Metals (ICPMS) by Method 6020B 29

Volatile Organic Compounds (GC/MS) by Method 8260B 31

Gl: Glossary of Terms 37

Al: Accreditations & Locations 38

Sc: Sample Chain of Custody 39

MW-23 L1836751-01 GW

Collected by: Michael Clayton | Collected date/time: 03/12/25 14:05 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 13:20	03/21/25 13:20	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474814	1	03/24/25 03:43	03/24/25 03:43	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 23:11	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470260	1	03/17/25 05:08	03/17/25 05:08	DYW	Mt. Juliet, TN

MW-24 L1836751-02 GW

Collected by: Michael Clayton | Collected date/time: 03/12/25 15:05 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 14:12	03/21/25 14:12	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	10	03/21/25 14:25	03/21/25 14:25	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474814	1	03/24/25 04:04	03/24/25 04:04	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 23:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470260	1	03/17/25 05:28	03/17/25 05:28	DYW	Mt. Juliet, TN

MW-25 L1836751-03 GW

Collected by: Michael Clayton | Collected date/time: 03/13/25 10:40 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 14:37	03/21/25 14:37	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474935	1	03/23/25 19:57	03/23/25 19:57	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 23:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470260	1	03/17/25 05:49	03/17/25 05:49	DYW	Mt. Juliet, TN

MW-26 L1836751-04 GW

Collected by: Michael Clayton | Collected date/time: 03/13/25 11:55 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 14:50	03/21/25 14:50	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474935	1	03/23/25 20:17	03/23/25 20:17	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 22:09	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470260	1	03/17/25 06:09	03/17/25 06:09	DYW	Mt. Juliet, TN

MW-27R L1836751-05 GW

Collected by: Michael Clayton | Collected date/time: 03/13/25 13:10 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 15:03	03/21/25 15:03	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474935	1	03/23/25 20:35	03/23/25 20:35	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 23:29	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470274	1	03/17/25 10:40	03/17/25 10:40	DYW	Mt. Juliet, TN

MW-28 L1836751-06 GW

Collected by: Michael Clayton | Collected date/time: 03/13/25 17:15 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 15:16	03/21/25 15:16	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474935	1	03/23/25 20:55	03/23/25 20:55	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 23:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470274	1	03/17/25 11:01	03/17/25 11:01	DYW	Mt. Juliet, TN

MW-29 L1836751-07 GW

Collected by: Michael Clayton | Collected date/time: 03/13/25 15:55 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 15:54	03/21/25 15:54	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474935	1	03/23/25 21:14	03/23/25 21:14	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 23:35	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470274	1	03/17/25 11:23	03/17/25 11:23	DYW	Mt. Juliet, TN

MW-27R DUP L1836751-08 GW

Collected by: Michael Clayton | Collected date/time: 03/13/25 13:15 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 16:07	03/21/25 16:07	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474935	1	03/23/25 21:33	03/23/25 21:33	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 23:38	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470274	1	03/17/25 12:10	03/17/25 12:10	DYW	Mt. Juliet, TN

EB-1 L1836751-09 GW

Collected by: Michael Clayton | Collected date/time: 03/13/25 17:40 | Received date/time: 03/15/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2470038	1	03/16/25 11:30	03/17/25 16:26	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2469776	1	03/21/25 16:20	03/21/25 16:20	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2474935	1	03/23/25 22:10	03/23/25 22:10	TMH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2472429	1	03/19/25 19:01	03/20/25 23:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2470274	1	03/17/25 09:36	03/17/25 09:36	DYW	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.



Mark W. Beasley
Project Manager

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	339000		10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	8720		547	1000	1	03/21/2025 13:20	WG2469776
Sulfate	26400		637	5000	1	03/21/2025 13:20	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1130		495	1000	1	03/24/2025 03:43	WG2474814

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	03/20/2025 23:11	WG2472429
Arsenic	0.811	J	0.120	2.00	1	03/20/2025 23:11	WG2472429
Barium	157		0.500	2.00	1	03/20/2025 23:11	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 23:11	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 23:11	WG2472429
Chromium	U		0.900	2.00	1	03/20/2025 23:11	WG2472429
Copper	U		0.700	5.00	1	03/20/2025 23:11	WG2472429
Cobalt	U		0.100	2.00	1	03/20/2025 23:11	WG2472429
Iron	2830		22.6	100	1	03/20/2025 23:11	WG2472429
Lead	U		0.500	2.00	1	03/20/2025 23:11	WG2472429
Manganese	337		0.700	5.00	1	03/20/2025 23:11	WG2472429
Nickel	U		0.500	2.00	1	03/20/2025 23:11	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 23:11	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 23:11	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 23:11	WG2472429
Vanadium	U		0.520	5.00	1	03/20/2025 23:11	WG2472429
Zinc	U		4.00	25.0	1	03/20/2025 23:11	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 05:08	WG2470260
Acrylonitrile	U		0.671	10.0	1	03/17/2025 05:08	WG2470260
Benzene	U		0.0941	1.00	1	03/17/2025 05:08	WG2470260
Bromochloromethane	U		0.128	1.00	1	03/17/2025 05:08	WG2470260
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 05:08	WG2470260
Bromoform	U		0.129	1.00	1	03/17/2025 05:08	WG2470260
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 05:08	WG2470260
Carbon disulfide	U		0.0962	1.00	1	03/17/2025 05:08	WG2470260
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 05:08	WG2470260
Chlorobenzene	U		0.116	1.00	1	03/17/2025 05:08	WG2470260
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 05:08	WG2470260
Chloroethane	U		0.192	5.00	1	03/17/2025 05:08	WG2470260
Chloroform	U		0.111	5.00	1	03/17/2025 05:08	WG2470260
Chloromethane	U		0.960	2.50	1	03/17/2025 05:08	WG2470260
Dibromomethane	U		0.122	1.00	1	03/17/2025 05:08	WG2470260
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 05:08	WG2470260
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 05:08	WG2470260

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 05:08	WG2470260
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 05:08	WG2470260
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 05:08	WG2470260
1,1-Dichloroethane	U		0.100	1.00	1	03/17/2025 05:08	WG2470260
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 05:08	WG2470260
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 05:08	WG2470260
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 05:08	WG2470260
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 05:08	WG2470260
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 05:08	WG2470260
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 05:08	WG2470260
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 05:08	WG2470260
Ethylbenzene	U		0.137	1.00	1	03/17/2025 05:08	WG2470260
2-Hexanone	U		0.787	10.0	1	03/17/2025 05:08	WG2470260
Iodomethane	U		6.00	10.0	1	03/17/2025 05:08	WG2470260
2-Butanone (MEK)	U		1.19	10.0	1	03/17/2025 05:08	WG2470260
Methylene Chloride	U		0.430	5.00	1	03/17/2025 05:08	WG2470260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 05:08	WG2470260
Styrene	U		0.118	1.00	1	03/17/2025 05:08	WG2470260
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 05:08	WG2470260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 05:08	WG2470260
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 05:08	WG2470260
Toluene	U		0.278	1.00	1	03/17/2025 05:08	WG2470260
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 05:08	WG2470260
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 05:08	WG2470260
Trichloroethene	U		0.190	1.00	1	03/17/2025 05:08	WG2470260
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 05:08	WG2470260
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 05:08	WG2470260
Vinyl acetate	U		0.692	10.0	1	03/17/2025 05:08	WG2470260
Vinyl chloride	U		0.234	1.00	1	03/17/2025 05:08	WG2470260
Xylenes, Total	U		0.174	3.00	1	03/17/2025 05:08	WG2470260
(S) Toluene-d8	*98.4*			*80.0-120*		*03/17/2025 05:08*	WG2470260
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*		*03/17/2025 05:08*	WG2470260
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*03/17/2025 05:08*	WG2470260

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	581000		10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	47300		547	1000	1	03/21/2025 14:12	WG2469776
Sulfate	113000		6370	50000	10	03/21/2025 14:25	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1180		495	1000	1	03/24/2025 04:04	WG2474814

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	03/20/2025 23:14	WG2472429
Arsenic	0.348	J	0.120	2.00	1	03/20/2025 23:14	WG2472429
Barium	287		0.500	2.00	1	03/20/2025 23:14	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 23:14	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 23:14	WG2472429
Chromium	U		0.900	2.00	1	03/20/2025 23:14	WG2472429
Copper	1.95	J	0.700	5.00	1	03/20/2025 23:14	WG2472429
Cobalt	U		0.100	2.00	1	03/20/2025 23:14	WG2472429
Iron	6800		22.6	100	1	03/20/2025 23:14	WG2472429
Lead	U		0.500	2.00	1	03/20/2025 23:14	WG2472429
Manganese	756		0.700	5.00	1	03/20/2025 23:14	WG2472429
Nickel	U		0.500	2.00	1	03/20/2025 23:14	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 23:14	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 23:14	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 23:14	WG2472429
Vanadium	U		0.520	5.00	1	03/20/2025 23:14	WG2472429
Zinc	U		4.00	25.0	1	03/20/2025 23:14	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 05:28	WG2470260
Acrylonitrile	U		0.671	10.0	1	03/17/2025 05:28	WG2470260
Benzene	U		0.0941	1.00	1	03/17/2025 05:28	WG2470260
Bromochloromethane	U		0.128	1.00	1	03/17/2025 05:28	WG2470260
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 05:28	WG2470260
Bromoform	U		0.129	1.00	1	03/17/2025 05:28	WG2470260
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 05:28	WG2470260
Carbon disulfide	U		0.0962	1.00	1	03/17/2025 05:28	WG2470260
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 05:28	WG2470260
Chlorobenzene	U		0.116	1.00	1	03/17/2025 05:28	WG2470260
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 05:28	WG2470260
Chloroethane	U		0.192	5.00	1	03/17/2025 05:28	WG2470260
Chloroform	U		0.111	5.00	1	03/17/2025 05:28	WG2470260
Chloromethane	U		0.960	2.50	1	03/17/2025 05:28	WG2470260
Dibromomethane	U		0.122	1.00	1	03/17/2025 05:28	WG2470260
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 05:28	WG2470260
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 05:28	WG2470260

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 05:28	WG2470260
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 05:28	WG2470260
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 05:28	WG2470260
1,1-Dichloroethane	U		0.100	1.00	1	03/17/2025 05:28	WG2470260
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 05:28	WG2470260
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 05:28	WG2470260
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 05:28	WG2470260
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 05:28	WG2470260
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 05:28	WG2470260
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 05:28	WG2470260
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 05:28	WG2470260
Ethylbenzene	U		0.137	1.00	1	03/17/2025 05:28	WG2470260
2-Hexanone	U		0.787	10.0	1	03/17/2025 05:28	WG2470260
Iodomethane	U		6.00	10.0	1	03/17/2025 05:28	WG2470260
2-Butanone (MEK)	U		1.19	10.0	1	03/17/2025 05:28	WG2470260
Methylene Chloride	U		0.430	5.00	1	03/17/2025 05:28	WG2470260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 05:28	WG2470260
Styrene	U		0.118	1.00	1	03/17/2025 05:28	WG2470260
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 05:28	WG2470260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 05:28	WG2470260
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 05:28	WG2470260
Toluene	U		0.278	1.00	1	03/17/2025 05:28	WG2470260
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 05:28	WG2470260
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 05:28	WG2470260
Trichloroethene	U		0.190	1.00	1	03/17/2025 05:28	WG2470260
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 05:28	WG2470260
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 05:28	WG2470260
Vinyl acetate	U		0.692	10.0	1	03/17/2025 05:28	WG2470260
Vinyl chloride	U		0.234	1.00	1	03/17/2025 05:28	WG2470260
Xylenes, Total	U		0.174	3.00	1	03/17/2025 05:28	WG2470260
(S) Toluene-d8	*99.8*			*80.0-120*		*03/17/2025 05:28*	WG2470260
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*03/17/2025 05:28*	WG2470260
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*03/17/2025 05:28*	WG2470260

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	496000		10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	50500		547	1000	1	03/21/2025 14:37	WG2469776
Sulfate	76000		637	5000	1	03/21/2025 14:37	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	825	J	495	1000	1	03/23/2025 19:57	WG2474935

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	0.549	J	0.310	4.00	1	03/20/2025 23:26	WG2472429
Arsenic	0.675	J	0.120	2.00	1	03/20/2025 23:26	WG2472429
Barium	242		0.500	2.00	1	03/20/2025 23:26	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 23:26	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 23:26	WG2472429
Chromium	2.47		0.900	2.00	1	03/20/2025 23:26	WG2472429
Copper	0.943	J	0.700	5.00	1	03/20/2025 23:26	WG2472429
Cobalt	U		0.100	2.00	1	03/20/2025 23:26	WG2472429
Iron	4800		22.6	100	1	03/20/2025 23:26	WG2472429
Lead	U		0.500	2.00	1	03/20/2025 23:26	WG2472429
Manganese	635		0.700	5.00	1	03/20/2025 23:26	WG2472429
Nickel	U		0.500	2.00	1	03/20/2025 23:26	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 23:26	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 23:26	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 23:26	WG2472429
Vanadium	U		0.520	5.00	1	03/20/2025 23:26	WG2472429
Zinc	U		4.00	25.0	1	03/20/2025 23:26	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 05:49	WG2470260
Acrylonitrile	U		0.671	10.0	1	03/17/2025 05:49	WG2470260
Benzene	U		0.0941	1.00	1	03/17/2025 05:49	WG2470260
Bromochloromethane	U		0.128	1.00	1	03/17/2025 05:49	WG2470260
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 05:49	WG2470260
Bromoform	U		0.129	1.00	1	03/17/2025 05:49	WG2470260
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 05:49	WG2470260
Carbon disulfide	U		0.0962	1.00	1	03/17/2025 05:49	WG2470260
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 05:49	WG2470260
Chlorobenzene	U		0.116	1.00	1	03/17/2025 05:49	WG2470260
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 05:49	WG2470260
Chloroethane	U		0.192	5.00	1	03/17/2025 05:49	WG2470260
Chloroform	U		0.111	5.00	1	03/17/2025 05:49	WG2470260
Chloromethane	U		0.960	2.50	1	03/17/2025 05:49	WG2470260
Dibromomethane	U		0.122	1.00	1	03/17/2025 05:49	WG2470260
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 05:49	WG2470260
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 05:49	WG2470260

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 05:49	WG2470260
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 05:49	WG2470260
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 05:49	WG2470260
1,1-Dichloroethane	U		0.100	1.00	1	03/17/2025 05:49	WG2470260
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 05:49	WG2470260
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 05:49	WG2470260
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 05:49	WG2470260
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 05:49	WG2470260
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 05:49	WG2470260
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 05:49	WG2470260
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 05:49	WG2470260
Ethylbenzene	U		0.137	1.00	1	03/17/2025 05:49	WG2470260
2-Hexanone	U		0.787	10.0	1	03/17/2025 05:49	WG2470260
Iodomethane	U		6.00	10.0	1	03/17/2025 05:49	WG2470260
2-Butanone (MEK)	U		1.19	10.0	1	03/17/2025 05:49	WG2470260
Methylene Chloride	U		0.430	5.00	1	03/17/2025 05:49	WG2470260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 05:49	WG2470260
Styrene	U		0.118	1.00	1	03/17/2025 05:49	WG2470260
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 05:49	WG2470260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 05:49	WG2470260
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 05:49	WG2470260
Toluene	U		0.278	1.00	1	03/17/2025 05:49	WG2470260
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 05:49	WG2470260
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 05:49	WG2470260
Trichloroethene	U		0.190	1.00	1	03/17/2025 05:49	WG2470260
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 05:49	WG2470260
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 05:49	WG2470260
Vinyl acetate	U		0.692	10.0	1	03/17/2025 05:49	WG2470260
Vinyl chloride	U		0.234	1.00	1	03/17/2025 05:49	WG2470260
Xylenes, Total	U		0.174	3.00	1	03/17/2025 05:49	WG2470260
(S) Toluene-d8	*100*			*80.0-120*		*03/17/2025 05:49*	WG2470260
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*03/17/2025 05:49*	WG2470260
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*03/17/2025 05:49*	WG2470260

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	344000		10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	7340		547	1000	1	03/21/2025 14:50	WG2469776
Sulfate	18400		637	5000	1	03/21/2025 14:50	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	748	J	495	1000	1	03/23/2025 20:17	WG2474935

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	03/20/2025 22:09	WG2472429
Arsenic	0.850	J	0.120	2.00	1	03/20/2025 22:09	WG2472429
Barium	152		0.500	2.00	1	03/20/2025 22:09	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 22:09	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 22:09	WG2472429
Chromium	U		0.900	2.00	1	03/20/2025 22:09	WG2472429
Copper	U		0.700	5.00	1	03/20/2025 22:09	WG2472429
Cobalt	U		0.100	2.00	1	03/20/2025 22:09	WG2472429
Iron	2420		22.6	100	1	03/20/2025 22:09	WG2472429
Lead	U		0.500	2.00	1	03/20/2025 22:09	WG2472429
Manganese	609		0.700	5.00	1	03/20/2025 22:09	WG2472429
Nickel	U		0.500	2.00	1	03/20/2025 22:09	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 22:09	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 22:09	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 22:09	WG2472429
Vanadium	U		0.520	5.00	1	03/20/2025 22:09	WG2472429
Zinc	U		4.00	25.0	1	03/20/2025 22:09	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 06:09	WG2470260
Acrylonitrile	U		0.671	10.0	1	03/17/2025 06:09	WG2470260
Benzene	U		0.0941	1.00	1	03/17/2025 06:09	WG2470260
Bromochloromethane	U		0.128	1.00	1	03/17/2025 06:09	WG2470260
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 06:09	WG2470260
Bromoform	U		0.129	1.00	1	03/17/2025 06:09	WG2470260
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 06:09	WG2470260
Carbon disulfide	U		0.0962	1.00	1	03/17/2025 06:09	WG2470260
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 06:09	WG2470260
Chlorobenzene	U		0.116	1.00	1	03/17/2025 06:09	WG2470260
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 06:09	WG2470260
Chloroethane	U		0.192	5.00	1	03/17/2025 06:09	WG2470260
Chloroform	U		0.111	5.00	1	03/17/2025 06:09	WG2470260
Chloromethane	U		0.960	2.50	1	03/17/2025 06:09	WG2470260
Dibromomethane	U		0.122	1.00	1	03/17/2025 06:09	WG2470260
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 06:09	WG2470260
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 06:09	WG2470260

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 06:09	WG2470260
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 06:09	WG2470260
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 06:09	WG2470260
1,1-Dichloroethane	U		0.100	1.00	1	03/17/2025 06:09	WG2470260
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 06:09	WG2470260
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 06:09	WG2470260
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 06:09	WG2470260
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 06:09	WG2470260
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 06:09	WG2470260
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 06:09	WG2470260
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 06:09	WG2470260
Ethylbenzene	U		0.137	1.00	1	03/17/2025 06:09	WG2470260
2-Hexanone	U		0.787	10.0	1	03/17/2025 06:09	WG2470260
Iodomethane	U		6.00	10.0	1	03/17/2025 06:09	WG2470260
2-Butanone (MEK)	U		1.19	10.0	1	03/17/2025 06:09	WG2470260
Methylene Chloride	U		0.430	5.00	1	03/17/2025 06:09	WG2470260
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 06:09	WG2470260
Styrene	U		0.118	1.00	1	03/17/2025 06:09	WG2470260
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 06:09	WG2470260
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 06:09	WG2470260
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 06:09	WG2470260
Toluene	U		0.278	1.00	1	03/17/2025 06:09	WG2470260
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 06:09	WG2470260
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 06:09	WG2470260
Trichloroethene	U		0.190	1.00	1	03/17/2025 06:09	WG2470260
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 06:09	WG2470260
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 06:09	WG2470260
Vinyl acetate	U		0.692	10.0	1	03/17/2025 06:09	WG2470260
Vinyl chloride	U		0.234	1.00	1	03/17/2025 06:09	WG2470260
Xylenes, Total	U		0.174	3.00	1	03/17/2025 06:09	WG2470260
(S) Toluene-d8	*101*			*80.0-120*		*03/17/2025 06:09*	WG2470260
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*03/17/2025 06:09*	WG2470260
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*03/17/2025 06:09*	WG2470260

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	398000		10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	9920		547	1000	1	03/21/2025 15:03	WG2469776
Sulfate	19100		637	5000	1	03/21/2025 15:03	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	741	J	495	1000	1	03/23/2025 20:35	WG2474935

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	03/20/2025 23:29	WG2472429
Arsenic	0.658	J	0.120	2.00	1	03/20/2025 23:29	WG2472429
Barium	186		0.500	2.00	1	03/20/2025 23:29	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 23:29	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 23:29	WG2472429
Chromium	U		0.900	2.00	1	03/20/2025 23:29	WG2472429
Copper	0.702	J	0.700	5.00	1	03/20/2025 23:29	WG2472429
Cobalt	U		0.100	2.00	1	03/20/2025 23:29	WG2472429
Iron	4250		22.6	100	1	03/20/2025 23:29	WG2472429
Lead	U		0.500	2.00	1	03/20/2025 23:29	WG2472429
Manganese	524		0.700	5.00	1	03/20/2025 23:29	WG2472429
Nickel	U		0.500	2.00	1	03/20/2025 23:29	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 23:29	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 23:29	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 23:29	WG2472429
Vanadium	U		0.520	5.00	1	03/20/2025 23:29	WG2472429
Zinc	U		4.00	25.0	1	03/20/2025 23:29	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 10:40	WG2470274
Acrylonitrile	U		0.671	10.0	1	03/17/2025 10:40	WG2470274
Benzene	U		0.0941	1.00	1	03/17/2025 10:40	WG2470274
Bromochloromethane	U		0.128	1.00	1	03/17/2025 10:40	WG2470274
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 10:40	WG2470274
Bromoform	U		0.129	1.00	1	03/17/2025 10:40	WG2470274
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 10:40	WG2470274
Carbon disulfide	U	C3 J3	0.0962	1.00	1	03/17/2025 10:40	WG2470274
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 10:40	WG2470274
Chlorobenzene	U		0.116	1.00	1	03/17/2025 10:40	WG2470274
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 10:40	WG2470274
Chloroethane	U		0.192	5.00	1	03/17/2025 10:40	WG2470274
Chloroform	U		0.111	5.00	1	03/17/2025 10:40	WG2470274
Chloromethane	U		0.960	2.50	1	03/17/2025 10:40	WG2470274
Dibromomethane	U		0.122	1.00	1	03/17/2025 10:40	WG2470274
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 10:40	WG2470274
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 10:40	WG2470274

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 10:40	WG2470274
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 10:40	WG2470274
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 10:40	WG2470274
1,1-Dichloroethane	0.277	J	0.100	1.00	1	03/17/2025 10:40	WG2470274
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 10:40	WG2470274
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 10:40	WG2470274
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 10:40	WG2470274
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 10:40	WG2470274
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 10:40	WG2470274
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 10:40	WG2470274
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 10:40	WG2470274
Ethylbenzene	U		0.137	1.00	1	03/17/2025 10:40	WG2470274
2-Hexanone	U		0.787	10.0	1	03/17/2025 10:40	WG2470274
Iodomethane	U	C3	6.00	10.0	1	03/17/2025 10:40	WG2470274
2-Butanone (MEK)	U		1.19	10.0	1	03/17/2025 10:40	WG2470274
Methylene Chloride	U		0.430	5.00	1	03/17/2025 10:40	WG2470274
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 10:40	WG2470274
Styrene	U		0.118	1.00	1	03/17/2025 10:40	WG2470274
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 10:40	WG2470274
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 10:40	WG2470274
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 10:40	WG2470274
Toluene	U		0.278	1.00	1	03/17/2025 10:40	WG2470274
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 10:40	WG2470274
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 10:40	WG2470274
Trichloroethene	U		0.190	1.00	1	03/17/2025 10:40	WG2470274
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 10:40	WG2470274
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 10:40	WG2470274
Vinyl acetate	U	C3 J3	0.692	10.0	1	03/17/2025 10:40	WG2470274
Vinyl chloride	U	C3 J3 J4	0.234	1.00	1	03/17/2025 10:40	WG2470274
Xylenes, Total	U		0.174	3.00	1	03/17/2025 10:40	WG2470274
(S) Toluene-d8	*98.9*			*80.0-120*		*03/17/2025 10:40*	WG2470274
(S) 4-Bromofluorobenzene	*91.9*			*77.0-126*		*03/17/2025 10:40*	WG2470274
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*03/17/2025 10:40*	WG2470274

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	350000		10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	7090		547	1000	1	03/21/2025 15:16	WG2469776
Sulfate	15400		637	5000	1	03/21/2025 15:16	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	912	J	495	1000	1	03/23/2025 20:55	WG2474935

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	03/20/2025 23:32	WG2472429
Arsenic	0.912	J	0.120	2.00	1	03/20/2025 23:32	WG2472429
Barium	175		0.500	2.00	1	03/20/2025 23:32	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 23:32	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 23:32	WG2472429
Chromium	2.42		0.900	2.00	1	03/20/2025 23:32	WG2472429
Copper	U		0.700	5.00	1	03/20/2025 23:32	WG2472429
Cobalt	0.334	J	0.100	2.00	1	03/20/2025 23:32	WG2472429
Iron	4460		22.6	100	1	03/20/2025 23:32	WG2472429
Lead	U		0.500	2.00	1	03/20/2025 23:32	WG2472429
Manganese	1020		0.700	5.00	1	03/20/2025 23:32	WG2472429
Nickel	1.91	J	0.500	2.00	1	03/20/2025 23:32	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 23:32	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 23:32	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 23:32	WG2472429
Vanadium	0.851	J	0.520	5.00	1	03/20/2025 23:32	WG2472429
Zinc	9.66	J	4.00	25.0	1	03/20/2025 23:32	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 11:01	WG2470274
Acrylonitrile	U		0.671	10.0	1	03/17/2025 11:01	WG2470274
Benzene	U		0.0941	1.00	1	03/17/2025 11:01	WG2470274
Bromochloromethane	U		0.128	1.00	1	03/17/2025 11:01	WG2470274
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 11:01	WG2470274
Bromoform	U		0.129	1.00	1	03/17/2025 11:01	WG2470274
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 11:01	WG2470274
Carbon disulfide	U	C3 J3	0.0962	1.00	1	03/17/2025 11:01	WG2470274
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 11:01	WG2470274
Chlorobenzene	U		0.116	1.00	1	03/17/2025 11:01	WG2470274
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 11:01	WG2470274
Chloroethane	U		0.192	5.00	1	03/17/2025 11:01	WG2470274
Chloroform	U		0.111	5.00	1	03/17/2025 11:01	WG2470274
Chloromethane	U		0.960	2.50	1	03/17/2025 11:01	WG2470274
Dibromomethane	U		0.122	1.00	1	03/17/2025 11:01	WG2470274
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 11:01	WG2470274
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 11:01	WG2470274

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 11:01	WG2470274
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 11:01	WG2470274
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 11:01	WG2470274
1,1-Dichloroethane	0.133	J	0.100	1.00	1	03/17/2025 11:01	WG2470274
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 11:01	WG2470274
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 11:01	WG2470274
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 11:01	WG2470274
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 11:01	WG2470274
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 11:01	WG2470274
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 11:01	WG2470274
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 11:01	WG2470274
Ethylbenzene	U		0.137	1.00	1	03/17/2025 11:01	WG2470274
2-Hexanone	U		0.787	10.0	1	03/17/2025 11:01	WG2470274
Iodomethane	U	C3	6.00	10.0	1	03/17/2025 11:01	WG2470274
2-Butanone (MEK)	2.53	J	1.19	10.0	1	03/17/2025 11:01	WG2470274
Methylene Chloride	U		0.430	5.00	1	03/17/2025 11:01	WG2470274
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 11:01	WG2470274
Styrene	U		0.118	1.00	1	03/17/2025 11:01	WG2470274
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 11:01	WG2470274
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 11:01	WG2470274
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 11:01	WG2470274
Toluene	U		0.278	1.00	1	03/17/2025 11:01	WG2470274
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 11:01	WG2470274
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 11:01	WG2470274
Trichloroethene	U		0.190	1.00	1	03/17/2025 11:01	WG2470274
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 11:01	WG2470274
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 11:01	WG2470274
Vinyl acetate	U	C3 J3	0.692	10.0	1	03/17/2025 11:01	WG2470274
Vinyl chloride	U	C3 J3 J4	0.234	1.00	1	03/17/2025 11:01	WG2470274
Xylenes, Total	U		0.174	3.00	1	03/17/2025 11:01	WG2470274
(S) Toluene-d8	*102*			*80.0-120*		*03/17/2025 11:01*	WG2470274
(S) 4-Bromofluorobenzene	*92.1*			*77.0-126*		*03/17/2025 11:01*	WG2470274
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*03/17/2025 11:01*	WG2470274

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	409000		10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	12400		547	1000	1	03/21/2025 15:54	WG2469776
Sulfate	41400		637	5000	1	03/21/2025 15:54	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	907	J	495	1000	1	03/23/2025 21:14	WG2474935

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	03/20/2025 23:35	WG2472429
Arsenic	0.671	J	0.120	2.00	1	03/20/2025 23:35	WG2472429
Barium	245		0.500	2.00	1	03/20/2025 23:35	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 23:35	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 23:35	WG2472429
Chromium	4.39		0.900	2.00	1	03/20/2025 23:35	WG2472429
Copper	3.23	J	0.700	5.00	1	03/20/2025 23:35	WG2472429
Cobalt	0.315	J	0.100	2.00	1	03/20/2025 23:35	WG2472429
Iron	4970		22.6	100	1	03/20/2025 23:35	WG2472429
Lead	0.713	J	0.500	2.00	1	03/20/2025 23:35	WG2472429
Manganese	523		0.700	5.00	1	03/20/2025 23:35	WG2472429
Nickel	2.94		0.500	2.00	1	03/20/2025 23:35	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 23:35	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 23:35	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 23:35	WG2472429
Vanadium	1.02	J	0.520	5.00	1	03/20/2025 23:35	WG2472429
Zinc	8.70	J	4.00	25.0	1	03/20/2025 23:35	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 11:23	WG2470274
Acrylonitrile	U		0.671	10.0	1	03/17/2025 11:23	WG2470274
Benzene	U		0.0941	1.00	1	03/17/2025 11:23	WG2470274
Bromochloromethane	U		0.128	1.00	1	03/17/2025 11:23	WG2470274
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 11:23	WG2470274
Bromoform	U		0.129	1.00	1	03/17/2025 11:23	WG2470274
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 11:23	WG2470274
Carbon disulfide	U	C3 J3	0.0962	1.00	1	03/17/2025 11:23	WG2470274
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 11:23	WG2470274
Chlorobenzene	U		0.116	1.00	1	03/17/2025 11:23	WG2470274
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 11:23	WG2470274
Chloroethane	U		0.192	5.00	1	03/17/2025 11:23	WG2470274
Chloroform	U		0.111	5.00	1	03/17/2025 11:23	WG2470274
Chloromethane	U		0.960	2.50	1	03/17/2025 11:23	WG2470274
Dibromomethane	U		0.122	1.00	1	03/17/2025 11:23	WG2470274
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 11:23	WG2470274
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 11:23	WG2470274

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 11:23	WG2470274
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 11:23	WG2470274
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 11:23	WG2470274
1,1-Dichloroethane	U		0.100	1.00	1	03/17/2025 11:23	WG2470274
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 11:23	WG2470274
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 11:23	WG2470274
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 11:23	WG2470274
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 11:23	WG2470274
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 11:23	WG2470274
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 11:23	WG2470274
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 11:23	WG2470274
Ethylbenzene	U		0.137	1.00	1	03/17/2025 11:23	WG2470274
2-Hexanone	U		0.787	10.0	1	03/17/2025 11:23	WG2470274
Iodomethane	U	C3	6.00	10.0	1	03/17/2025 11:23	WG2470274
2-Butanone (MEK)	U		1.19	10.0	1	03/17/2025 11:23	WG2470274
Methylene Chloride	U		0.430	5.00	1	03/17/2025 11:23	WG2470274
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 11:23	WG2470274
Styrene	U		0.118	1.00	1	03/17/2025 11:23	WG2470274
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 11:23	WG2470274
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 11:23	WG2470274
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 11:23	WG2470274
Toluene	U		0.278	1.00	1	03/17/2025 11:23	WG2470274
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 11:23	WG2470274
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 11:23	WG2470274
Trichloroethene	U		0.190	1.00	1	03/17/2025 11:23	WG2470274
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 11:23	WG2470274
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 11:23	WG2470274
Vinyl acetate	U	C3 J3	0.692	10.0	1	03/17/2025 11:23	WG2470274
Vinyl chloride	U	C3 J3 J4	0.234	1.00	1	03/17/2025 11:23	WG2470274
Xylenes, Total	U		0.174	3.00	1	03/17/2025 11:23	WG2470274
(S) Toluene-d8	*99.4*			*80.0-120*		*03/17/2025 11:23*	WG2470274
(S) 4-Bromofluorobenzene	*90.9*			*77.0-126*		*03/17/2025 11:23*	WG2470274
(S) 1,2-Dichloroethane-d4	*126*			*70.0-130*		*03/17/2025 11:23*	WG2470274

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	395000		10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	9860		547	1000	1	03/21/2025 16:07	WG2469776
Sulfate	19000		637	5000	1	03/21/2025 16:07	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	783	J	495	1000	1	03/23/2025 21:33	WG2474935

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	03/20/2025 23:38	WG2472429
Arsenic	0.594	J	0.120	2.00	1	03/20/2025 23:38	WG2472429
Barium	189		0.500	2.00	1	03/20/2025 23:38	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 23:38	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 23:38	WG2472429
Chromium	U		0.900	2.00	1	03/20/2025 23:38	WG2472429
Copper	U		0.700	5.00	1	03/20/2025 23:38	WG2472429
Cobalt	U		0.100	2.00	1	03/20/2025 23:38	WG2472429
Iron	4230		22.6	100	1	03/20/2025 23:38	WG2472429
Lead	U		0.500	2.00	1	03/20/2025 23:38	WG2472429
Manganese	528		0.700	5.00	1	03/20/2025 23:38	WG2472429
Nickel	U		0.500	2.00	1	03/20/2025 23:38	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 23:38	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 23:38	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 23:38	WG2472429
Vanadium	U		0.520	5.00	1	03/20/2025 23:38	WG2472429
Zinc	U		4.00	25.0	1	03/20/2025 23:38	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 12:10	WG2470274
Acrylonitrile	U		0.671	10.0	1	03/17/2025 12:10	WG2470274
Benzene	U		0.0941	1.00	1	03/17/2025 12:10	WG2470274
Bromochloromethane	U		0.128	1.00	1	03/17/2025 12:10	WG2470274
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 12:10	WG2470274
Bromoform	U		0.129	1.00	1	03/17/2025 12:10	WG2470274
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 12:10	WG2470274
Carbon disulfide	U	C3 J3	0.0962	1.00	1	03/17/2025 12:10	WG2470274
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 12:10	WG2470274
Chlorobenzene	U		0.116	1.00	1	03/17/2025 12:10	WG2470274
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 12:10	WG2470274
Chloroethane	U		0.192	5.00	1	03/17/2025 12:10	WG2470274
Chloroform	U		0.111	5.00	1	03/17/2025 12:10	WG2470274
Chloromethane	U		0.960	2.50	1	03/17/2025 12:10	WG2470274
Dibromomethane	U		0.122	1.00	1	03/17/2025 12:10	WG2470274
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 12:10	WG2470274
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 12:10	WG2470274

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 12:10	WG2470274
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 12:10	WG2470274
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 12:10	WG2470274
1,1-Dichloroethane	0.269	J	0.100	1.00	1	03/17/2025 12:10	WG2470274
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 12:10	WG2470274
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 12:10	WG2470274
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 12:10	WG2470274
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 12:10	WG2470274
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 12:10	WG2470274
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 12:10	WG2470274
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 12:10	WG2470274
Ethylbenzene	U		0.137	1.00	1	03/17/2025 12:10	WG2470274
2-Hexanone	U		0.787	10.0	1	03/17/2025 12:10	WG2470274
Iodomethane	U	C3	6.00	10.0	1	03/17/2025 12:10	WG2470274
2-Butanone (MEK)	U		1.19	10.0	1	03/17/2025 12:10	WG2470274
Methylene Chloride	U		0.430	5.00	1	03/17/2025 12:10	WG2470274
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 12:10	WG2470274
Styrene	U		0.118	1.00	1	03/17/2025 12:10	WG2470274
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 12:10	WG2470274
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 12:10	WG2470274
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 12:10	WG2470274
Toluene	U		0.278	1.00	1	03/17/2025 12:10	WG2470274
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 12:10	WG2470274
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 12:10	WG2470274
Trichloroethene	U		0.190	1.00	1	03/17/2025 12:10	WG2470274
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 12:10	WG2470274
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 12:10	WG2470274
Vinyl acetate	U	C3 J3	0.692	10.0	1	03/17/2025 12:10	WG2470274
Vinyl chloride	U	C3 J3 J4	0.234	1.00	1	03/17/2025 12:10	WG2470274
Xylenes, Total	U		0.174	3.00	1	03/17/2025 12:10	WG2470274
(S) Toluene-d8	*98.3*			*80.0-120*		*03/17/2025 12:10*	WG2470274
(S) 4-Bromofluorobenzene	*91.6*			*77.0-126*		*03/17/2025 12:10*	WG2470274
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*03/17/2025 12:10*	WG2470274

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND	P1	10000	1	03/17/2025 16:26	WG2470038

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	U		547	1000	1	03/21/2025 16:20	WG2469776
Sulfate	U		637	5000	1	03/21/2025 16:20	WG2469776

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	U		495	1000	1	03/23/2025 22:10	WG2474935

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	03/20/2025 23:42	WG2472429
Arsenic	U		0.120	2.00	1	03/20/2025 23:42	WG2472429
Barium	U		0.500	2.00	1	03/20/2025 23:42	WG2472429
Beryllium	U		0.200	2.00	1	03/20/2025 23:42	WG2472429
Cadmium	U		0.120	1.00	1	03/20/2025 23:42	WG2472429
Chromium	U		0.900	2.00	1	03/20/2025 23:42	WG2472429
Copper	U		0.700	5.00	1	03/20/2025 23:42	WG2472429
Cobalt	U		0.100	2.00	1	03/20/2025 23:42	WG2472429
Iron	U		22.6	100	1	03/20/2025 23:42	WG2472429
Lead	U		0.500	2.00	1	03/20/2025 23:42	WG2472429
Manganese	U		0.700	5.00	1	03/20/2025 23:42	WG2472429
Nickel	U		0.500	2.00	1	03/20/2025 23:42	WG2472429
Selenium	U		0.250	2.00	1	03/20/2025 23:42	WG2472429
Silver	U		0.110	2.00	1	03/20/2025 23:42	WG2472429
Thallium	U		0.130	2.00	1	03/20/2025 23:42	WG2472429
Vanadium	U		0.520	5.00	1	03/20/2025 23:42	WG2472429
Zinc	U		4.00	25.0	1	03/20/2025 23:42	WG2472429

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	03/17/2025 09:36	WG2470274
Acrylonitrile	U		0.671	10.0	1	03/17/2025 09:36	WG2470274
Benzene	U		0.0941	1.00	1	03/17/2025 09:36	WG2470274
Bromochloromethane	U		0.128	1.00	1	03/17/2025 09:36	WG2470274
Bromodichloromethane	U		0.136	1.00	1	03/17/2025 09:36	WG2470274
Bromoform	U		0.129	1.00	1	03/17/2025 09:36	WG2470274
Bromomethane	U	C3	0.605	5.00	1	03/17/2025 09:36	WG2470274
Carbon disulfide	U	C3 J3	0.0962	1.00	1	03/17/2025 09:36	WG2470274
Carbon tetrachloride	U		0.128	1.00	1	03/17/2025 09:36	WG2470274
Chlorobenzene	U		0.116	1.00	1	03/17/2025 09:36	WG2470274
Chlorodibromomethane	U		0.140	1.00	1	03/17/2025 09:36	WG2470274
Chloroethane	U		0.192	5.00	1	03/17/2025 09:36	WG2470274
Chloroform	U		0.111	5.00	1	03/17/2025 09:36	WG2470274
Chloromethane	U		0.960	2.50	1	03/17/2025 09:36	WG2470274
Dibromomethane	U		0.122	1.00	1	03/17/2025 09:36	WG2470274
1,2-Dibromoethane	U		0.126	1.00	1	03/17/2025 09:36	WG2470274
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	03/17/2025 09:36	WG2470274

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	03/17/2025 09:36	WG2470274
1,4-Dichlorobenzene	U		0.120	1.00	1	03/17/2025 09:36	WG2470274
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	03/17/2025 09:36	WG2470274
1,1-Dichloroethane	U		0.100	1.00	1	03/17/2025 09:36	WG2470274
1,2-Dichloroethane	U		0.0819	1.00	1	03/17/2025 09:36	WG2470274
1,1-Dichloroethene	U		0.188	1.00	1	03/17/2025 09:36	WG2470274
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/17/2025 09:36	WG2470274
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/17/2025 09:36	WG2470274
1,2-Dichloropropane	U		0.149	1.00	1	03/17/2025 09:36	WG2470274
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/17/2025 09:36	WG2470274
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/17/2025 09:36	WG2470274
Ethylbenzene	U		0.137	1.00	1	03/17/2025 09:36	WG2470274
2-Hexanone	U		0.787	10.0	1	03/17/2025 09:36	WG2470274
Iodomethane	U	C3	6.00	10.0	1	03/17/2025 09:36	WG2470274
2-Butanone (MEK)	U		1.19	10.0	1	03/17/2025 09:36	WG2470274
Methylene Chloride	U		0.430	5.00	1	03/17/2025 09:36	WG2470274
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/17/2025 09:36	WG2470274
Styrene	U		0.118	1.00	1	03/17/2025 09:36	WG2470274
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/17/2025 09:36	WG2470274
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/17/2025 09:36	WG2470274
Tetrachloroethene	U		0.300	1.00	1	03/17/2025 09:36	WG2470274
Toluene	U		0.278	1.00	1	03/17/2025 09:36	WG2470274
1,1,1-Trichloroethane	U		0.149	1.00	1	03/17/2025 09:36	WG2470274
1,1,2-Trichloroethane	U		0.158	1.00	1	03/17/2025 09:36	WG2470274
Trichloroethene	U		0.190	1.00	1	03/17/2025 09:36	WG2470274
Trichlorofluoromethane	U		0.160	5.00	1	03/17/2025 09:36	WG2470274
1,2,3-Trichloropropane	U		0.237	2.50	1	03/17/2025 09:36	WG2470274
Vinyl acetate	U	C3 J3	0.692	10.0	1	03/17/2025 09:36	WG2470274
Vinyl chloride	U	C3 J3 J4	0.234	1.00	1	03/17/2025 09:36	WG2470274
Xylenes, Total	U		0.174	3.00	1	03/17/2025 09:36	WG2470274
(S) Toluene-d8	*98.5*			*80.0-120*		*03/17/2025 09:36*	WG2470274
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*03/17/2025 09:36*	WG2470274
(S) 1,2-Dichloroethane-d4	*124*			*70.0-130*		*03/17/2025 09:36*	WG2470274

Method Blank (MB)

(MB) R4188463-1 03/17/25 16:26

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	U		10000	10000

L1836717-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1836717-01 03/17/25 16:26 • (DUP) R4188463-3 03/17/25 16:26

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	79900000	77900000	1	2.53		10

L1836751-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1836751-09 03/17/25 16:26 • (DUP) R4188463-4 03/17/25 16:26

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	54.5	P1	10

Laboratory Control Sample (LCS)

(LCS) R4188463-2 03/17/25 16:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8670000	98.5	90.0-110	

Method Blank (MB)

(MB) R4189701-1 03/21/25 11:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		547	1000
Sulfate	U		637	5000

L1836750-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1836750-02 03/21/25 12:16 • (DUP) R4189701-3 03/21/25 12:29

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	51900	52200	1	0.480		15

L1836750-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1836750-02 03/21/25 12:55 • (DUP) R4189701-5 03/21/25 13:08

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	92200	91500	10	0.719		15

L1836751-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1836751-01 03/21/25 13:20 • (DUP) R4189701-6 03/21/25 13:33

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	8720	8720	1	0.0378		15
Sulfate	26400	26300	1	0.362		15

Laboratory Control Sample (LCS)

(LCS) R4189701-2 03/21/25 11:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	40500	101	80.0-120	
Sulfate	40000	39900	99.8	80.0-120	

L1836750-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1836750-02 03/21/25 12:16 • (MS) R4189701-4 03/21/25 12:42

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	51900	82100	75.5	1	80.0-120	J6
Sulfate	40000	107000	125000	45.2	1	80.0-120	E J6

L1836751-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1836751-01 03/21/25 13:20 • (MS) R4189701-7 03/21/25 13:46 • (MSD) R4189701-8 03/21/25 13:59

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40000	8720	48000	47900	98.2	98.0	1	80.0-120			0.176	15
Sulfate	40000	26400	61400	61300	87.4	87.1	1	80.0-120			0.191	15

Method Blank (MB)

(MB) R4189990-2 03/23/25 13:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1836645-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1836645-04 03/23/25 18:04 • (DUP) R4189990-5 03/23/25 18:30

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	16700	16400	1	1.73		20

L1836717-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1836717-02 03/24/25 00:39 • (DUP) R4189990-8 03/24/25 01:06

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	8270	8380	1	1.34		20

Laboratory Control Sample (LCS)

(LCS) R4189990-1 03/23/25 12:44

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	23800	95.4	85.0-115	

L1836645-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1836645-03 03/23/25 16:35 • (MS) R4189990-3 03/23/25 17:06 • (MSD) R4189990-4 03/23/25 17:38

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	32200	55100	54900	91.8	91.1	1	85.0-115	E	E	0.330	20

L1836717-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1836717-01 03/23/25 23:12 • (MS) R4189990-6 03/23/25 23:42 • (MSD) R4189990-7 03/24/25 00:12

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	9410	34200	33800	99.1	97.6	1	85.0-115			1.08	20

Method Blank (MB)

(MB) R4189981-2 03/23/25 15:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1836751-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1836751-08 03/23/25 21:33 • (DUP) R4189981-5 03/23/25 21:52

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	783	790	1	0.941	J	20

L1836774-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1836774-05 03/24/25 00:31 • (DUP) R4189981-6 03/24/25 00:51

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1290	1250	1	2.76		20

Laboratory Control Sample (LCS)

(LCS) R4189981-1 03/23/25 14:45

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	25200	101	85.0-115	

L1836419-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1836419-09 03/23/25 18:52 • (MS) R4189981-3 03/23/25 19:15 • (MSD) R4189981-4 03/23/25 19:38

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	1330	26600	26800	101	102	1	85.0-115			0.750	20

L1836774-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1836774-08 03/24/25 01:47 • (MS) R4189981-7 03/24/25 02:10 • (MSD) R4189981-8 03/24/25 02:35

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	1210	26400	26500	101	101	1	85.0-115			0.227	20

Method Blank (MB)

(MB) R4189129-1 03/20/25 22:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Beryllium	U		0.200	2.00
Cadmium	U		0.120	1.00
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	U		0.500	2.00
Manganese	U		0.700	5.00
Nickel	U		0.500	2.00
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Thallium	U		0.130	2.00
Vanadium	U		0.520	5.00
Zinc	U		4.00	25.0

Laboratory Control Sample (LCS)

(LCS) R4189129-2 03/20/25 22:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	53.6	107	80.0-120	
Arsenic	50.0	49.3	98.5	80.0-120	
Barium	50.0	47.2	94.4	80.0-120	
Beryllium	50.0	48.6	97.2	80.0-120	
Cadmium	50.0	51.1	102	80.0-120	
Chromium	50.0	50.8	102	80.0-120	
Copper	50.0	50.2	100	80.0-120	
Cobalt	50.0	50.6	101	80.0-120	
Iron	1000	1000	100	80.0-120	
Lead	50.0	49.4	98.9	80.0-120	
Manganese	50.0	49.5	99.0	80.0-120	
Nickel	50.0	50.8	102	80.0-120	
Selenium	50.0	47.7	95.5	80.0-120	
Silver	50.0	48.5	97.1	80.0-120	
Thallium	50.0	49.4	98.7	80.0-120	
Vanadium	50.0	50.4	101	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4189129-2 03/20/25 22:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Zinc	50.0	50.4	101	80.0-120	

L1836751-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1836751-04 03/20/25 22:09 • (MS) R4189129-4 03/20/25 22:16 • (MSD) R4189129-5 03/20/25 22:19

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	50.0	U	55.6	55.0	111	110	1	75.0-125			0.957	20
Arsenic	50.0	0.850	50.9	50.6	100	99.6	1	75.0-125			0.438	20
Barium	50.0	152	200	205	95.7	104	1	75.0-125			2.14	20
Beryllium	50.0	U	48.7	47.6	97.5	95.2	1	75.0-125			2.34	20
Cadmium	50.0	U	52.1	50.5	104	101	1	75.0-125			3.18	20
Chromium	50.0	U	51.2	50.2	102	100	1	75.0-125			1.91	20
Copper	50.0	U	50.4	49.5	101	98.9	1	75.0-125			1.92	20
Cobalt	50.0	U	50.3	49.9	101	99.8	1	75.0-125			0.860	20
Iron	1000	2420	3370	3400	95.0	98.8	1	75.0-125			1.12	20
Lead	50.0	U	50.3	48.6	101	97.3	1	75.0-125			3.28	20
Manganese	50.0	609	651	658	83.4	97.3	1	75.0-125			1.06	20
Nickel	50.0	U	50.6	49.9	101	99.8	1	75.0-125			1.36	20
Selenium	50.0	U	48.8	48.6	97.5	97.2	1	75.0-125			0.283	20
Silver	50.0	U	50.0	49.0	100	98.1	1	75.0-125			2.02	20
Thallium	50.0	U	49.4	47.9	98.7	95.8	1	75.0-125			3.02	20
Vanadium	50.0	U	50.3	50.6	101	101	1	75.0-125			0.498	20
Zinc	50.0	U	51.7	50.6	103	101	1	75.0-125			2.07	20

Method Blank (MB)

(MB) R4189030-2 03/16/25 23:20

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Dibromomethane	U		0.122	1.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

Method Blank (MB)

(MB) R4189030-2 03/16/25 23:20

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*100*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4189030-1 03/16/25 22:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	48.9	196	19.0-160	J J4
Acrylonitrile	25.0	30.0	120	55.0-149	
Benzene	5.00	4.90	98.0	70.0-123	
Bromochloromethane	5.00	5.26	105	76.0-122	
Bromodichloromethane	5.00	5.05	101	75.0-120	
Bromoform	5.00	4.34	86.8	68.0-132	
Bromomethane	5.00	3.91	78.2	10.0-160	J
Carbon disulfide	5.00	5.23	105	61.0-128	
Carbon tetrachloride	5.00	5.02	100	68.0-126	
Chlorobenzene	5.00	5.03	101	80.0-121	
Chlorodibromomethane	5.00	4.81	96.2	77.0-125	
Chloroethane	5.00	6.56	131	47.0-150	
Chloroform	5.00	5.18	104	73.0-120	
Chloromethane	5.00	4.40	88.0	41.0-142	
Dibromomethane	5.00	4.93	98.6	80.0-120	
1,2-Dibromoethane	5.00	4.45	89.0	80.0-122	
1,2-Dibromo-3-Chloropropane	5.00	3.22	64.4	58.0-134	J
1,2-Dichlorobenzene	5.00	4.61	92.2	79.0-121	
1,4-Dichlorobenzene	5.00	4.78	95.6	79.0-120	
trans-1,4-Dichloro-2-butene	5.00	4.27	85.4	33.0-144	
1,1-Dichloroethane	5.00	5.14	103	70.0-126	
1,2-Dichloroethane	5.00	5.41	108	70.0-128	
1,1-Dichloroethene	5.00	4.83	96.6	71.0-124	

Laboratory Control Sample (LCS)

(LCS) R4189030-1 03/16/25 22:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	4.99	99.8	73.0-120	
trans-1,2-Dichloroethene	5.00	5.37	107	73.0-120	
1,2-Dichloropropane	5.00	5.07	101	77.0-125	
cis-1,3-Dichloropropene	5.00	4.56	91.2	80.0-123	
trans-1,3-Dichloropropene	5.00	4.49	89.8	78.0-124	
Ethylbenzene	5.00	4.82	96.4	79.0-123	
2-Hexanone	25.0	28.3	113	67.0-149	
Iodomethane	25.0	20.4	81.6	33.0-147	
2-Butanone (MEK)	25.0	30.5	122	44.0-160	
Methylene Chloride	5.00	5.27	105	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	26.5	106	68.0-142	
Styrene	5.00	4.36	87.2	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.72	94.4	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.84	96.8	65.0-130	
Tetrachloroethene	5.00	4.90	98.0	72.0-132	
Toluene	5.00	4.90	98.0	79.0-120	
1,1,1-Trichloroethane	5.00	5.16	103	73.0-124	
1,1,2-Trichloroethane	5.00	4.78	95.6	80.0-120	
Trichloroethene	5.00	5.21	104	78.0-124	
Trichlorofluoromethane	5.00	5.33	107	59.0-147	
1,2,3-Trichloropropane	5.00	5.10	102	73.0-130	
Vinyl acetate	25.0	20.5	82.0	11.0-160	
Vinyl chloride	5.00	5.55	111	67.0-131	
Xylenes, Total	15.0	14.4	96.0	79.0-123	
(S) Toluene-d8			*99.3*	*80.0-120*	
(S) 4-Bromofluorobenzene			*97.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*102*	*70.0-130*	

Method Blank (MB)

(MB) R4189559-3 03/17/25 08:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Dibromomethane	U		0.122	1.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

Method Blank (MB)

(MB) R4189559-3 03/17/25 08:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*89.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*

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

(LCS) R4189559-1 03/17/25 07:26 • (LCSD) R4189559-2 03/17/25 07:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	61.1	52.4	244	210	19.0-160	J4	J4	15.3	27
Acrylonitrile	25.0	31.4	28.6	126	114	55.0-149			9.33	20
Benzene	5.00	4.46	5.04	89.2	101	70.0-123			12.2	20
Bromochloromethane	5.00	4.31	4.57	86.2	91.4	76.0-122			5.86	20
Bromodichloromethane	5.00	4.72	4.99	94.4	99.8	75.0-120			5.56	20
Bromoform	5.00	4.14	4.18	82.8	83.6	68.0-132			0.962	20
Bromomethane	5.00	3.42	4.20	68.4	84.0	10.0-160	J	J	20.5	25
Carbon disulfide	5.00	3.65	4.49	73.0	89.8	61.0-128		J3	20.6	20
Carbon tetrachloride	5.00	4.60	5.27	92.0	105	68.0-126			13.6	20
Chlorobenzene	5.00	4.50	4.78	90.0	95.6	80.0-121			6.03	20
Chlorodibromomethane	5.00	4.57	4.69	91.4	93.8	77.0-125			2.59	20
Chloroethane	5.00	4.18	4.54	83.6	90.8	47.0-150	J	J	8.26	20
Chloroform	5.00	4.71	4.81	94.2	96.2	73.0-120	J	J	2.10	20
Chloromethane	5.00	4.05	4.85	81.0	97.0	41.0-142			18.0	20
Dibromomethane	5.00	4.41	4.78	88.2	95.6	80.0-120			8.05	20
1,2-Dibromoethane	5.00	4.66	4.81	93.2	96.2	80.0-122			3.17	20
1,2-Dibromo-3-Chloropropane	5.00	3.80	4.03	76.0	80.6	58.0-134	J	J	5.87	20
1,2-Dichlorobenzene	5.00	4.07	4.56	81.4	91.2	79.0-121			11.4	20
1,4-Dichlorobenzene	5.00	4.23	5.04	84.6	101	79.0-120			17.5	20
trans-1,4-Dichloro-2-butene	5.00	4.72	5.44	94.4	109	33.0-144			14.2	20
1,1-Dichloroethane	5.00	4.52	4.96	90.4	99.2	70.0-126			9.28	20
1,2-Dichloroethane	5.00	5.36	5.50	107	110	70.0-128			2.58	20
1,1-Dichloroethene	5.00	4.60	4.70	92.0	94.0	71.0-124			2.15	20

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

(LCS) R4189559-1 03/17/25 07:26 • (LCSD) R4189559-2 03/17/25 07:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	4.44	4.88	88.8	97.6	73.0-120			9.44	20
trans-1,2-Dichloroethene	5.00	4.23	4.81	84.6	96.2	73.0-120			12.8	20
1,2-Dichloropropane	5.00	4.28	4.92	85.6	98.4	77.0-125			13.9	20
cis-1,3-Dichloropropene	5.00	4.35	4.88	87.0	97.6	80.0-123			11.5	20
trans-1,3-Dichloropropene	5.00	4.63	5.18	92.6	104	78.0-124			11.2	20
Ethylbenzene	5.00	4.47	5.04	89.4	101	79.0-123			12.0	20
2-Hexanone	25.0	29.1	30.5	116	122	67.0-149			4.70	20
Iodomethane	25.0	18.9	20.8	75.6	83.2	33.0-147			9.57	26
2-Butanone (MEK)	25.0	38.0	39.1	152	156	44.0-160			2.85	20
Methylene Chloride	5.00	4.05	4.67	81.0	93.4	67.0-120	J	J	14.2	20
4-Methyl-2-pentanone (MIBK)	25.0	29.5	30.0	118	120	68.0-142			1.68	20
Styrene	5.00	4.57	4.73	91.4	94.6	73.0-130			3.44	20
1,1,1,2-Tetrachloroethane	5.00	4.45	4.35	89.0	87.0	75.0-125			2.27	20
1,1,2,2-Tetrachloroethane	5.00	4.81	5.44	96.2	109	65.0-130			12.3	20
Tetrachloroethene	5.00	4.41	5.07	88.2	101	72.0-132			13.9	20
Toluene	5.00	4.77	5.26	95.4	105	79.0-120			9.77	20
1,1,1-Trichloroethane	5.00	5.16	5.64	103	113	73.0-124			8.89	20
1,1,2-Trichloroethane	5.00	4.80	4.95	96.0	99.0	80.0-120			3.08	20
Trichloroethene	5.00	4.51	4.85	90.2	97.0	78.0-124			7.26	20
Trichlorofluoromethane	5.00	4.90	5.28	98.0	106	59.0-147	J		7.47	20
1,2,3-Trichloropropane	5.00	5.06	5.71	101	114	73.0-130			12.1	20
Vinyl acetate	25.0	17.6	22.7	70.4	90.8	11.0-160		J3	25.3	20
Vinyl chloride	5.00	3.30	4.31	66.0	86.2	67.0-131	J4	J3	26.5	20
Xylenes, Total	15.0	14.0	14.8	93.3	98.7	79.0-123			5.56	20
(S) Toluene-d8				*103*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.5*	*95.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*116*	*116*	*70.0-130*				

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.
ND	Not detected at the Reporting Limit (or MDL where applicable).
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
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

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	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/Address:
Legacy Landfill

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Billing Information:
Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Pres Chk

Report to:
Melissa Vaught 501-920-9642

Email To:
mvaught@olsson.com;mclayton@olsson.com;a

Project Description:
Craighead County - Legacy Landfill

City/State Collected: Jonesboro AR

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
024-01259

Lab Project #
LEGLDFJAR-CRAIGHEAD

Collected by (print):
Michael Clayton

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 ___ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Chloride, Sulfate 125mlHDPE-NoPres	M6010AP1 + Fe, Mn 250mlHDPE-HNO3	TDS 1L-HDPE NoPres	TOC 250mlHDPE-HCl	V8260AP1 40mlAmb-HCl	V8260AP1 - Trip Blk 40mlAmb-HCl-Blk					Remarks	Sample # (lab only)
								√2										
MW-23	Grab	GW		3/12/25	1405	6	X	X	X	X	X							-01
MW-24		GW		3/12/25	1505	6	X	X	X	X	X							-02
MW-25		GW		3/13/25	1040	6	X	X	X	X	X							-03
MW-26		GW		3/13/25	1155	6	X	X	X	X	X							-04
MW-27R		GW		3/13/25	1310	6	X	X	X	X	X							-05
MW-28		GW		3/13/25	1715	6	X	X	X	X	X							-06
MW-29		GW		3/13/25	1555	6	X	X	X	X	X							-07
MW-27R DUP		GW		3/13/25	1315	6	X	X	X	X	X							-08
EB-1	↓	GW		3/13/25	1740	6	X	X	X	X	X							-09
Trip Blank		GW				~~10~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	X						

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1536751
A133

Acctnum: LEGLDFJAR
Template: T106244
Prelogin: P1130427
PM: 134 - Mark W. Beasley
PB: 2/7/25 mv
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 #

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
Michael Clayton	3/14/25	1230		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 54
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Deyanb	Date: 3.15.25 Time: 0900

If pr... PH – 10BDH2631 TRC – 4072A72 .../Time

Hold:

Condition: NCF / OK

Multiple Parcel Form L# LF520751

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
420812504997	EDTG	3.8	0.4	4.2	Yes / No / Not Present
420813505000	EDTG	0.7	0.4	1.1	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

D Ewing
Name

3.15.25
Date

3/15 L1836751 LEGLDFJAR

R5

Time estimate: oh **Time spent:** oh

Members

Hailey Robertson (responsible) MB Mark Beasley

Due on *19 March 2025 8:00 AM* for target *Done*

- [ ] Parameter(s) past holding time
- [ ] Temperature not in range
- [ ] Improper container type
- [ ] pH not in range
- [ ] Insufficient sample volume
- [ ] Sample is biphasic
- [ ] Vials received with headspace
- [x] Broken container
- [ ] Sufficient sample remains
- [ ] If broken container: Insufficient packing material around container
- [ ] If broken container: Insufficient packing material inside cooler
- [ ] If broken container: Improper handling by carrier:_____
- [ ] If broken container: Sample was frozen
- [ ] If broken container: Container lid not intact
- [ ] Client informed by Call
- [ ] Client informed by Email
- [ ] Client informed by Voicemail
- [ ] Date/Time:___3/15/25_____
- [ ] PM initials:_____MB_____
- [ ] Client Contact:_____Melissa Vaught_____

Comments

Hailey Robertson *15 March 2025 2:30 PM*

Trip blank received broken.

Mark Beasley *15 March 2025 2:36 PM*

Client notified

Hailey Robertson *15 March 2025 3:11 PM*

Done

FIRST HALF 2025 DETECTION MONITORING & QUARTERLY BACKGROUND SAMPLING EVENT MAY 2025

ANALYTICAL REPORT

May 20, 2025

Legacy Landfill

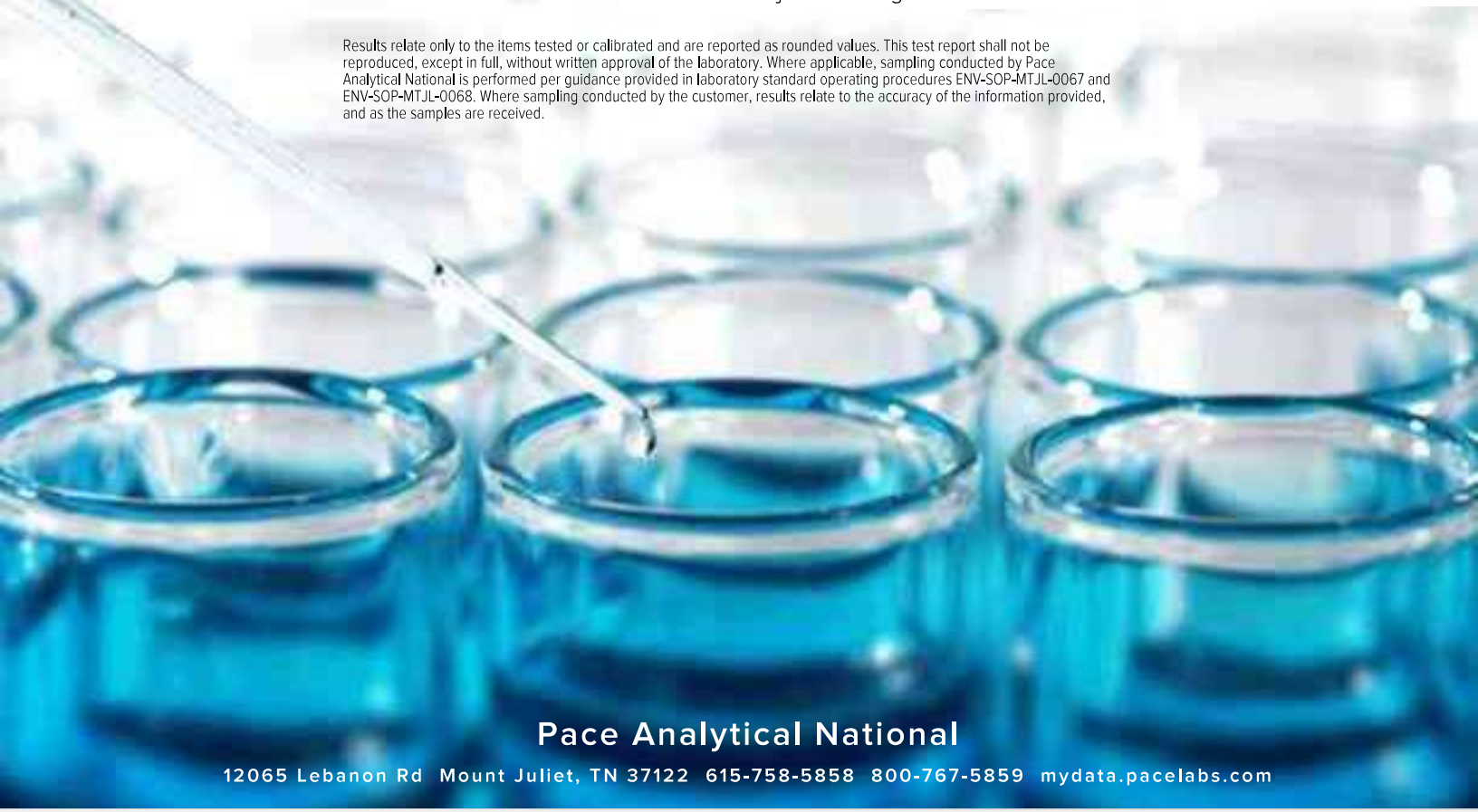
Sample Delivery Group:	L1857530
Samples Received:	05/10/2025
Project Number:	024-01259
Description:	Craighead County - Legacy Landfill

Report To: Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 5

Sr: Sample Results 6

MW-14R L1857530-01 6

MW-17R L1857530-02 8

MW-19 L1857530-03 10

MW-20R L1857530-04 12

MW-21 L1857530-05 14

MW-22 L1857530-06 16

MW-23 L1857530-07 18

MW-24 L1857530-08 20

MW-14R DUP L1857530-09 22

MW-25 L1857530-10 24

Qc: Quality Control Summary 26

Gravimetric Analysis by Method 2540 C-2011 26

Wet Chemistry by Method 9056A 29

Wet Chemistry by Method 9060A 33

Metals (ICPMS) by Method 6020B 35

Volatile Organic Compounds (GC/MS) by Method 8260B 39

Gl: Glossary of Terms 45

Al: Accreditations & Locations 46

Sc: Sample Chain of Custody 47

MW-14R L1857530-01

Collected by: Michael Clayton | Collected date/time: 05/07/25 15:05 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512418	1	05/11/25 11:04	05/13/25 09:49	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2511984	1	05/17/25 19:29	05/17/25 19:29	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512237	1	05/11/25 09:22	05/11/25 09:22	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516825	1	05/17/25 22:55	05/19/25 19:18	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513456	1	05/13/25 01:33	05/13/25 01:33	DYW	Mt. Juliet, TN

MW-17R L1857530-02

Collected by: Michael Clayton | Collected date/time: 05/08/25 09:30 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512418	1	05/11/25 11:04	05/13/25 09:49	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2511984	1	05/17/25 19:45	05/17/25 19:45	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512237	1	05/11/25 09:38	05/11/25 09:38	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516825	1	05/17/25 22:55	05/19/25 19:29	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513456	1	05/13/25 01:54	05/13/25 01:54	DYW	Mt. Juliet, TN

MW-19 L1857530-03

Collected by: Michael Clayton | Collected date/time: 05/08/25 11:50 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512470	1	05/11/25 13:04	05/11/25 15:15	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2511984	1	05/17/25 20:01	05/17/25 20:01	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512377	1	05/11/25 19:33	05/11/25 19:33	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516825	1	05/17/25 22:55	05/19/25 19:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513456	1	05/13/25 02:15	05/13/25 02:15	DYW	Mt. Juliet, TN

MW-20R L1857530-04

Collected by: Michael Clayton | Collected date/time: 05/08/25 16:05 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512470	1	05/11/25 13:04	05/11/25 15:15	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2511984	1	05/17/25 20:17	05/17/25 20:17	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512377	1	05/11/25 20:43	05/11/25 20:43	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516825	1	05/17/25 22:55	05/19/25 19:35	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513456	1	05/13/25 02:36	05/13/25 02:36	DYW	Mt. Juliet, TN

MW-21 L1857530-05

Collected by: Michael Clayton | Collected date/time: 05/06/25 16:40 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512470	1	05/11/25 13:04	05/11/25 15:15	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2511984	1	05/17/25 20:33	05/17/25 20:33	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2511984	5	05/19/25 11:41	05/19/25 11:41	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512377	1	05/11/25 21:24	05/11/25 21:24	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516825	1	05/17/25 22:55	05/19/25 19:39	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513387	1	05/12/25 22:21	05/12/25 22:21	DWR	Mt. Juliet, TN

MW-22 L1857530-06

Collected by: Michael Clayton | Collected date/time: 05/07/25 11:15 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512423	1	05/11/25 11:10	05/13/25 09:33	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2511984	1	05/17/25 20:49	05/17/25 20:49	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512377	1	05/11/25 21:44	05/11/25 21:44	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516825	1	05/17/25 22:55	05/19/25 19:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513456	1	05/13/25 02:57	05/13/25 02:57	DYW	Mt. Juliet, TN

MW-23 L1857530-07

Collected by: Michael Clayton | Collected date/time: 05/06/25 12:10 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512423	1	05/11/25 11:10	05/13/25 09:33	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2511984	1	05/17/25 21:05	05/17/25 21:05	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512377	1	05/11/25 22:04	05/11/25 22:04	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516831	1	05/17/25 23:19	05/19/25 23:08	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513387	1	05/12/25 22:40	05/12/25 22:40	DWR	Mt. Juliet, TN

MW-24 L1857530-08

Collected by: Michael Clayton | Collected date/time: 05/06/25 13:50 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512423	1	05/11/25 11:10	05/13/25 09:33	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512053	1	05/16/25 15:28	05/16/25 15:28	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512377	1	05/11/25 22:24	05/11/25 22:24	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516831	1	05/17/25 23:19	05/19/25 23:11	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513387	1	05/12/25 22:59	05/12/25 22:59	DWR	Mt. Juliet, TN

MW-14R DUP L1857530-09

Collected by: Michael Clayton | Collected date/time: 05/07/25 15:10 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512418	1	05/11/25 11:04	05/13/25 09:49	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512053	1	05/16/25 16:22	05/16/25 16:22	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512377	1	05/11/25 22:44	05/11/25 22:44	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516831	1	05/17/25 23:19	05/19/25 23:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513456	1	05/13/25 03:18	05/13/25 03:18	DYW	Mt. Juliet, TN

MW-25 L1857530-10

Collected by: Michael Clayton | Collected date/time: 05/06/25 14:50 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2512418	1	05/11/25 11:04	05/13/25 09:49	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512053	1	05/16/25 16:36	05/16/25 16:36	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2512377	1	05/11/25 23:04	05/11/25 23:04	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2516831	1	05/17/25 23:19	05/19/25 23:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2513387	1	05/12/25 23:18	05/12/25 23:18	DWR	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.



Mark W. Beasley
Project Manager

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	591000		10000	1	05/13/2025 09:49	WG2512418

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	39200		547	1000	1	05/17/2025 19:29	WG2511984
Sulfate	64100		637	5000	1	05/17/2025 19:29	WG2511984

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1410		495	1000	1	05/11/2025 09:22	WG2512237

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 19:18	WG2516825
Arsenic	2.96		0.120	2.00	1	05/19/2025 19:18	WG2516825
Barium	297		0.500	2.00	1	05/19/2025 19:18	WG2516825
Beryllium	U		0.200	2.00	1	05/19/2025 19:18	WG2516825
Cadmium	U		0.120	1.00	1	05/19/2025 19:18	WG2516825
Chromium	U		0.900	2.00	1	05/19/2025 19:18	WG2516825
Copper	U		0.700	5.00	1	05/19/2025 19:18	WG2516825
Cobalt	0.829	J	0.100	2.00	1	05/19/2025 19:18	WG2516825
Iron	12100		22.6	100	1	05/19/2025 19:18	WG2516825
Lead	U		0.500	2.00	1	05/19/2025 19:18	WG2516825
Manganese	393		0.700	5.00	1	05/19/2025 19:18	WG2516825
Nickel	0.539	J	0.500	2.00	1	05/19/2025 19:18	WG2516825
Selenium	U		0.250	2.00	1	05/19/2025 19:18	WG2516825
Silver	U		0.110	2.00	1	05/19/2025 19:18	WG2516825
Thallium	U		0.130	2.00	1	05/19/2025 19:18	WG2516825
Vanadium	U		0.520	5.00	1	05/19/2025 19:18	WG2516825
Zinc	U		4.00	25.0	1	05/19/2025 19:18	WG2516825

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/13/2025 01:33	WG2513456
Acrylonitrile	U		0.671	10.0	1	05/13/2025 01:33	WG2513456
Benzene	U		0.0941	1.00	1	05/13/2025 01:33	WG2513456
Bromochloromethane	U		0.128	1.00	1	05/13/2025 01:33	WG2513456
Bromodichloromethane	U		0.136	1.00	1	05/13/2025 01:33	WG2513456
Bromoform	U		0.129	1.00	1	05/13/2025 01:33	WG2513456
Bromomethane	U		0.605	5.00	1	05/13/2025 01:33	WG2513456
Carbon disulfide	U		0.0962	1.00	1	05/13/2025 01:33	WG2513456
Carbon tetrachloride	U		0.128	1.00	1	05/13/2025 01:33	WG2513456
Chlorobenzene	U		0.116	1.00	1	05/13/2025 01:33	WG2513456
Chlorodibromomethane	U		0.140	1.00	1	05/13/2025 01:33	WG2513456
Chloroethane	U		0.192	5.00	1	05/13/2025 01:33	WG2513456
Chloroform	U		0.111	5.00	1	05/13/2025 01:33	WG2513456
Chloromethane	U		0.960	2.50	1	05/13/2025 01:33	WG2513456
Dibromomethane	U		0.122	1.00	1	05/13/2025 01:33	WG2513456
1,2-Dibromoethane	U		0.126	1.00	1	05/13/2025 01:33	WG2513456
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/13/2025 01:33	WG2513456

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/13/2025 01:33	WG2513456
1,4-Dichlorobenzene	U		0.120	1.00	1	05/13/2025 01:33	WG2513456
trans-1,4-Dichloro-2-butene	U	C3	0.467	2.50	1	05/13/2025 01:33	WG2513456
1,1-Dichloroethane	U		0.100	1.00	1	05/13/2025 01:33	WG2513456
1,2-Dichloroethane	U		0.0819	1.00	1	05/13/2025 01:33	WG2513456
1,1-Dichloroethene	U		0.188	1.00	1	05/13/2025 01:33	WG2513456
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/13/2025 01:33	WG2513456
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/13/2025 01:33	WG2513456
1,2-Dichloropropane	U		0.149	1.00	1	05/13/2025 01:33	WG2513456
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/13/2025 01:33	WG2513456
trans-1,3-Dichloropropene	U	C3	0.118	1.00	1	05/13/2025 01:33	WG2513456
Ethylbenzene	U		0.137	1.00	1	05/13/2025 01:33	WG2513456
2-Hexanone	U	C3	0.787	10.0	1	05/13/2025 01:33	WG2513456
Iodomethane	U		6.00	10.0	1	05/13/2025 01:33	WG2513456
2-Butanone (MEK)	U		1.19	10.0	1	05/13/2025 01:33	WG2513456
Methylene Chloride	U		0.430	5.00	1	05/13/2025 01:33	WG2513456
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/13/2025 01:33	WG2513456
Styrene	U		0.118	1.00	1	05/13/2025 01:33	WG2513456
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/13/2025 01:33	WG2513456
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	05/13/2025 01:33	WG2513456
Tetrachloroethene	U		0.300	1.00	1	05/13/2025 01:33	WG2513456
Toluene	U		0.278	1.00	1	05/13/2025 01:33	WG2513456
1,1,1-Trichloroethane	U		0.149	1.00	1	05/13/2025 01:33	WG2513456
1,1,2-Trichloroethane	U		0.158	1.00	1	05/13/2025 01:33	WG2513456
Trichloroethene	U		0.190	1.00	1	05/13/2025 01:33	WG2513456
Trichlorofluoromethane	U		0.160	5.00	1	05/13/2025 01:33	WG2513456
1,2,3-Trichloropropane	U		0.237	2.50	1	05/13/2025 01:33	WG2513456
Vinyl acetate	U	C3	0.692	10.0	1	05/13/2025 01:33	WG2513456
Vinyl chloride	U		0.234	1.00	1	05/13/2025 01:33	WG2513456
Xylenes, Total	U		0.174	3.00	1	05/13/2025 01:33	WG2513456
(S) Toluene-d8	*95.6*			*80.0-120*		*05/13/2025 01:33*	WG2513456
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*05/13/2025 01:33*	WG2513456
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*05/13/2025 01:33*	WG2513456

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	441000		10000	1	05/13/2025 09:49	WG2512418

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	8060		547	1000	1	05/17/2025 19:45	WG2511984
Sulfate	36600		637	5000	1	05/17/2025 19:45	WG2511984

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1320		495	1000	1	05/11/2025 09:38	WG2512237

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 19:29	WG2516825
Arsenic	1.29	J	0.120	2.00	1	05/19/2025 19:29	WG2516825
Barium	136		0.500	2.00	1	05/19/2025 19:29	WG2516825
Beryllium	U		0.200	2.00	1	05/19/2025 19:29	WG2516825
Cadmium	U		0.120	1.00	1	05/19/2025 19:29	WG2516825
Chromium	U		0.900	2.00	1	05/19/2025 19:29	WG2516825
Copper	U		0.700	5.00	1	05/19/2025 19:29	WG2516825
Cobalt	0.680	J	0.100	2.00	1	05/19/2025 19:29	WG2516825
Iron	3700		22.6	100	1	05/19/2025 19:29	WG2516825
Lead	U		0.500	2.00	1	05/19/2025 19:29	WG2516825
Manganese	72.0		0.700	5.00	1	05/19/2025 19:29	WG2516825
Nickel	0.788	J	0.500	2.00	1	05/19/2025 19:29	WG2516825
Selenium	U		0.250	2.00	1	05/19/2025 19:29	WG2516825
Silver	U		0.110	2.00	1	05/19/2025 19:29	WG2516825
Thallium	U		0.130	2.00	1	05/19/2025 19:29	WG2516825
Vanadium	U		0.520	5.00	1	05/19/2025 19:29	WG2516825
Zinc	4.70	J	4.00	25.0	1	05/19/2025 19:29	WG2516825

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/13/2025 01:54	WG2513456
Acrylonitrile	U		0.671	10.0	1	05/13/2025 01:54	WG2513456
Benzene	U		0.0941	1.00	1	05/13/2025 01:54	WG2513456
Bromochloromethane	U		0.128	1.00	1	05/13/2025 01:54	WG2513456
Bromodichloromethane	U		0.136	1.00	1	05/13/2025 01:54	WG2513456
Bromoform	U		0.129	1.00	1	05/13/2025 01:54	WG2513456
Bromomethane	U		0.605	5.00	1	05/13/2025 01:54	WG2513456
Carbon disulfide	U		0.0962	1.00	1	05/13/2025 01:54	WG2513456
Carbon tetrachloride	U		0.128	1.00	1	05/13/2025 01:54	WG2513456
Chlorobenzene	U		0.116	1.00	1	05/13/2025 01:54	WG2513456
Chlorodibromomethane	U		0.140	1.00	1	05/13/2025 01:54	WG2513456
Chloroethane	U		0.192	5.00	1	05/13/2025 01:54	WG2513456
Chloroform	U		0.111	5.00	1	05/13/2025 01:54	WG2513456
Chloromethane	U		0.960	2.50	1	05/13/2025 01:54	WG2513456
Dibromomethane	U		0.122	1.00	1	05/13/2025 01:54	WG2513456
1,2-Dibromoethane	U		0.126	1.00	1	05/13/2025 01:54	WG2513456
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/13/2025 01:54	WG2513456

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	05/13/2025 01:54	WG2513456
1,4-Dichlorobenzene	U		0.120	1.00	1	05/13/2025 01:54	WG2513456
trans-1,4-Dichloro-2-butene	U	C3	0.467	2.50	1	05/13/2025 01:54	WG2513456
1,1-Dichloroethane	U		0.100	1.00	1	05/13/2025 01:54	WG2513456
1,2-Dichloroethane	U		0.0819	1.00	1	05/13/2025 01:54	WG2513456
1,1-Dichloroethene	U		0.188	1.00	1	05/13/2025 01:54	WG2513456
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/13/2025 01:54	WG2513456
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/13/2025 01:54	WG2513456
1,2-Dichloropropane	U		0.149	1.00	1	05/13/2025 01:54	WG2513456
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/13/2025 01:54	WG2513456
trans-1,3-Dichloropropene	U	C3	0.118	1.00	1	05/13/2025 01:54	WG2513456
Ethylbenzene	U		0.137	1.00	1	05/13/2025 01:54	WG2513456
2-Hexanone	U	C3	0.787	10.0	1	05/13/2025 01:54	WG2513456
Iodomethane	U		6.00	10.0	1	05/13/2025 01:54	WG2513456
2-Butanone (MEK)	U		1.19	10.0	1	05/13/2025 01:54	WG2513456
Methylene Chloride	U		0.430	5.00	1	05/13/2025 01:54	WG2513456
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/13/2025 01:54	WG2513456
Styrene	U		0.118	1.00	1	05/13/2025 01:54	WG2513456
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/13/2025 01:54	WG2513456
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	05/13/2025 01:54	WG2513456
Tetrachloroethene	U		0.300	1.00	1	05/13/2025 01:54	WG2513456
Toluene	U		0.278	1.00	1	05/13/2025 01:54	WG2513456
1,1,1-Trichloroethane	U		0.149	1.00	1	05/13/2025 01:54	WG2513456
1,1,2-Trichloroethane	U		0.158	1.00	1	05/13/2025 01:54	WG2513456
Trichloroethene	U		0.190	1.00	1	05/13/2025 01:54	WG2513456
Trichlorofluoromethane	U		0.160	5.00	1	05/13/2025 01:54	WG2513456
1,2,3-Trichloropropane	U		0.237	2.50	1	05/13/2025 01:54	WG2513456
Vinyl acetate	U	C3	0.692	10.0	1	05/13/2025 01:54	WG2513456
Vinyl chloride	U		0.234	1.00	1	05/13/2025 01:54	WG2513456
Xylenes, Total	U		0.174	3.00	1	05/13/2025 01:54	WG2513456
(S) Toluene-d8	*96.2*			*80.0-120*		*05/13/2025 01:54*	WG2513456
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*05/13/2025 01:54*	WG2513456
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*05/13/2025 01:54*	WG2513456

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	326000		10000	1	05/11/2025 15:15	WG2512470

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	9840		547	1000	1	05/17/2025 20:01	WG2511984
Sulfate	28600		637	5000	1	05/17/2025 20:01	WG2511984

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	U		495	1000	1	05/11/2025 19:33	WG2512377

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 19:32	WG2516825
Arsenic	1.22	J	0.120	2.00	1	05/19/2025 19:32	WG2516825
Barium	145		0.500	2.00	1	05/19/2025 19:32	WG2516825
Beryllium	U		0.200	2.00	1	05/19/2025 19:32	WG2516825
Cadmium	U		0.120	1.00	1	05/19/2025 19:32	WG2516825
Chromium	U		0.900	2.00	1	05/19/2025 19:32	WG2516825
Copper	U		0.700	5.00	1	05/19/2025 19:32	WG2516825
Cobalt	0.120	J	0.100	2.00	1	05/19/2025 19:32	WG2516825
Iron	861		22.6	100	1	05/19/2025 19:32	WG2516825
Lead	U		0.500	2.00	1	05/19/2025 19:32	WG2516825
Manganese	478		0.700	5.00	1	05/19/2025 19:32	WG2516825
Nickel	U		0.500	2.00	1	05/19/2025 19:32	WG2516825
Selenium	U		0.250	2.00	1	05/19/2025 19:32	WG2516825
Silver	U		0.110	2.00	1	05/19/2025 19:32	WG2516825
Thallium	U		0.130	2.00	1	05/19/2025 19:32	WG2516825
Vanadium	U		0.520	5.00	1	05/19/2025 19:32	WG2516825
Zinc	4.13	J	4.00	25.0	1	05/19/2025 19:32	WG2516825

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/13/2025 02:15	WG2513456
Acrylonitrile	U		0.671	10.0	1	05/13/2025 02:15	WG2513456
Benzene	U		0.0941	1.00	1	05/13/2025 02:15	WG2513456
Bromochloromethane	U		0.128	1.00	1	05/13/2025 02:15	WG2513456
Bromodichloromethane	U		0.136	1.00	1	05/13/2025 02:15	WG2513456
Bromoform	U		0.129	1.00	1	05/13/2025 02:15	WG2513456
Bromomethane	U		0.605	5.00	1	05/13/2025 02:15	WG2513456
Carbon disulfide	U		0.0962	1.00	1	05/13/2025 02:15	WG2513456
Carbon tetrachloride	U		0.128	1.00	1	05/13/2025 02:15	WG2513456
Chlorobenzene	U		0.116	1.00	1	05/13/2025 02:15	WG2513456
Chlorodibromomethane	U		0.140	1.00	1	05/13/2025 02:15	WG2513456
Chloroethane	U		0.192	5.00	1	05/13/2025 02:15	WG2513456
Chloroform	U		0.111	5.00	1	05/13/2025 02:15	WG2513456
Chloromethane	U		0.960	2.50	1	05/13/2025 02:15	WG2513456
Dibromomethane	U		0.122	1.00	1	05/13/2025 02:15	WG2513456
1,2-Dibromoethane	U		0.126	1.00	1	05/13/2025 02:15	WG2513456
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/13/2025 02:15	WG2513456

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/13/2025 02:15	WG2513456
1,4-Dichlorobenzene	U		0.120	1.00	1	05/13/2025 02:15	WG2513456
trans-1,4-Dichloro-2-butene	U	C3	0.467	2.50	1	05/13/2025 02:15	WG2513456
1,1-Dichloroethane	U		0.100	1.00	1	05/13/2025 02:15	WG2513456
1,2-Dichloroethane	U		0.0819	1.00	1	05/13/2025 02:15	WG2513456
1,1-Dichloroethene	U		0.188	1.00	1	05/13/2025 02:15	WG2513456
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/13/2025 02:15	WG2513456
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/13/2025 02:15	WG2513456
1,2-Dichloropropane	U		0.149	1.00	1	05/13/2025 02:15	WG2513456
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/13/2025 02:15	WG2513456
trans-1,3-Dichloropropene	U	C3	0.118	1.00	1	05/13/2025 02:15	WG2513456
Ethylbenzene	U		0.137	1.00	1	05/13/2025 02:15	WG2513456
2-Hexanone	U	C3	0.787	10.0	1	05/13/2025 02:15	WG2513456
Iodomethane	U		6.00	10.0	1	05/13/2025 02:15	WG2513456
2-Butanone (MEK)	U		1.19	10.0	1	05/13/2025 02:15	WG2513456
Methylene Chloride	U		0.430	5.00	1	05/13/2025 02:15	WG2513456
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/13/2025 02:15	WG2513456
Styrene	U		0.118	1.00	1	05/13/2025 02:15	WG2513456
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/13/2025 02:15	WG2513456
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	05/13/2025 02:15	WG2513456
Tetrachloroethene	U		0.300	1.00	1	05/13/2025 02:15	WG2513456
Toluene	U		0.278	1.00	1	05/13/2025 02:15	WG2513456
1,1,1-Trichloroethane	U		0.149	1.00	1	05/13/2025 02:15	WG2513456
1,1,2-Trichloroethane	U		0.158	1.00	1	05/13/2025 02:15	WG2513456
Trichloroethene	U		0.190	1.00	1	05/13/2025 02:15	WG2513456
Trichlorofluoromethane	U		0.160	5.00	1	05/13/2025 02:15	WG2513456
1,2,3-Trichloropropane	U		0.237	2.50	1	05/13/2025 02:15	WG2513456
Vinyl acetate	U	C3	0.692	10.0	1	05/13/2025 02:15	WG2513456
Vinyl chloride	U		0.234	1.00	1	05/13/2025 02:15	WG2513456
Xylenes, Total	U		0.174	3.00	1	05/13/2025 02:15	WG2513456
(S) Toluene-d8	*95.6*			*80.0-120*		*05/13/2025 02:15*	WG2513456
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*		*05/13/2025 02:15*	WG2513456
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*05/13/2025 02:15*	WG2513456

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	336000		10000	1	05/11/2025 15:15	WG2512470

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	9080		547	1000	1	05/17/2025 20:17	WG2511984
Sulfate	22500		637	5000	1	05/17/2025 20:17	WG2511984

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	710	J	495	1000	1	05/11/2025 20:43	WG2512377

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 19:35	WG2516825
Arsenic	0.409	J	0.120	2.00	1	05/19/2025 19:35	WG2516825
Barium	144		0.500	2.00	1	05/19/2025 19:35	WG2516825
Beryllium	U		0.200	2.00	1	05/19/2025 19:35	WG2516825
Cadmium	U		0.120	1.00	1	05/19/2025 19:35	WG2516825
Chromium	U		0.900	2.00	1	05/19/2025 19:35	WG2516825
Copper	U		0.700	5.00	1	05/19/2025 19:35	WG2516825
Cobalt	U		0.100	2.00	1	05/19/2025 19:35	WG2516825
Iron	2620		22.6	100	1	05/19/2025 19:35	WG2516825
Lead	U		0.500	2.00	1	05/19/2025 19:35	WG2516825
Manganese	913		0.700	5.00	1	05/19/2025 19:35	WG2516825
Nickel	U		0.500	2.00	1	05/19/2025 19:35	WG2516825
Selenium	U		0.250	2.00	1	05/19/2025 19:35	WG2516825
Silver	U		0.110	2.00	1	05/19/2025 19:35	WG2516825
Thallium	U		0.130	2.00	1	05/19/2025 19:35	WG2516825
Vanadium	U		0.520	5.00	1	05/19/2025 19:35	WG2516825
Zinc	U		4.00	25.0	1	05/19/2025 19:35	WG2516825

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/13/2025 02:36	WG2513456
Acrylonitrile	U		0.671	10.0	1	05/13/2025 02:36	WG2513456
Benzene	0.0944	J	0.0941	1.00	1	05/13/2025 02:36	WG2513456
Bromochloromethane	U		0.128	1.00	1	05/13/2025 02:36	WG2513456
Bromodichloromethane	U		0.136	1.00	1	05/13/2025 02:36	WG2513456
Bromoform	U		0.129	1.00	1	05/13/2025 02:36	WG2513456
Bromomethane	U		0.605	5.00	1	05/13/2025 02:36	WG2513456
Carbon disulfide	U		0.0962	1.00	1	05/13/2025 02:36	WG2513456
Carbon tetrachloride	U		0.128	1.00	1	05/13/2025 02:36	WG2513456
Chlorobenzene	U		0.116	1.00	1	05/13/2025 02:36	WG2513456
Chlorodibromomethane	U		0.140	1.00	1	05/13/2025 02:36	WG2513456
Chloroethane	U		0.192	5.00	1	05/13/2025 02:36	WG2513456
Chloroform	U		0.111	5.00	1	05/13/2025 02:36	WG2513456
Chloromethane	U		0.960	2.50	1	05/13/2025 02:36	WG2513456
Dibromomethane	U		0.122	1.00	1	05/13/2025 02:36	WG2513456
1,2-Dibromoethane	U		0.126	1.00	1	05/13/2025 02:36	WG2513456
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/13/2025 02:36	WG2513456

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	05/13/2025 02:36	WG2513456
1,4-Dichlorobenzene	U		0.120	1.00	1	05/13/2025 02:36	WG2513456
trans-1,4-Dichloro-2-butene	U	C3	0.467	2.50	1	05/13/2025 02:36	WG2513456
1,1-Dichloroethane	1.71		0.100	1.00	1	05/13/2025 02:36	WG2513456
1,2-Dichloroethane	U		0.0819	1.00	1	05/13/2025 02:36	WG2513456
1,1-Dichloroethene	U		0.188	1.00	1	05/13/2025 02:36	WG2513456
cis-1,2-Dichloroethene	0.482	J	0.126	1.00	1	05/13/2025 02:36	WG2513456
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/13/2025 02:36	WG2513456
1,2-Dichloropropane	U		0.149	1.00	1	05/13/2025 02:36	WG2513456
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/13/2025 02:36	WG2513456
trans-1,3-Dichloropropene	U	C3	0.118	1.00	1	05/13/2025 02:36	WG2513456
Ethylbenzene	U		0.137	1.00	1	05/13/2025 02:36	WG2513456
2-Hexanone	U	C3	0.787	10.0	1	05/13/2025 02:36	WG2513456
Iodomethane	U		6.00	10.0	1	05/13/2025 02:36	WG2513456
2-Butanone (MEK)	U		1.19	10.0	1	05/13/2025 02:36	WG2513456
Methylene Chloride	U		0.430	5.00	1	05/13/2025 02:36	WG2513456
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/13/2025 02:36	WG2513456
Styrene	U		0.118	1.00	1	05/13/2025 02:36	WG2513456
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/13/2025 02:36	WG2513456
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	05/13/2025 02:36	WG2513456
Tetrachloroethene	U		0.300	1.00	1	05/13/2025 02:36	WG2513456
Toluene	U		0.278	1.00	1	05/13/2025 02:36	WG2513456
1,1,1-Trichloroethane	U		0.149	1.00	1	05/13/2025 02:36	WG2513456
1,1,2-Trichloroethane	U		0.158	1.00	1	05/13/2025 02:36	WG2513456
Trichloroethene	U		0.190	1.00	1	05/13/2025 02:36	WG2513456
Trichlorofluoromethane	U		0.160	5.00	1	05/13/2025 02:36	WG2513456
1,2,3-Trichloropropane	U		0.237	2.50	1	05/13/2025 02:36	WG2513456
Vinyl acetate	U	C3	0.692	10.0	1	05/13/2025 02:36	WG2513456
Vinyl chloride	U		0.234	1.00	1	05/13/2025 02:36	WG2513456
Xylenes, Total	U		0.174	3.00	1	05/13/2025 02:36	WG2513456
(S) Toluene-d8	*95.3*			*80.0-120*		*05/13/2025 02:36*	WG2513456
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*05/13/2025 02:36*	WG2513456
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*05/13/2025 02:36*	WG2513456

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	556000		10000	1	05/11/2025 15:15	WG2512470

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	7980		547	1000	1	05/17/2025 20:33	WG2511984
Sulfate	121000		3180	25000	5	05/19/2025 11:41	WG2511984

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	749	J	495	1000	1	05/11/2025 21:24	WG2512377

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 19:39	WG2516825
Arsenic	6.99		0.120	2.00	1	05/19/2025 19:39	WG2516825
Barium	239		0.500	2.00	1	05/19/2025 19:39	WG2516825
Beryllium	U		0.200	2.00	1	05/19/2025 19:39	WG2516825
Cadmium	U		0.120	1.00	1	05/19/2025 19:39	WG2516825
Chromium	U		0.900	2.00	1	05/19/2025 19:39	WG2516825
Copper	2.22	J	0.700	5.00	1	05/19/2025 19:39	WG2516825
Cobalt	1.05	J	0.100	2.00	1	05/19/2025 19:39	WG2516825
Iron	4440		22.6	100	1	05/19/2025 19:39	WG2516825
Lead	0.518	J	0.500	2.00	1	05/19/2025 19:39	WG2516825
Manganese	1130		0.700	5.00	1	05/19/2025 19:39	WG2516825
Nickel	1.22	J	0.500	2.00	1	05/19/2025 19:39	WG2516825
Selenium	U		0.250	2.00	1	05/19/2025 19:39	WG2516825
Silver	U		0.110	2.00	1	05/19/2025 19:39	WG2516825
Thallium	U		0.130	2.00	1	05/19/2025 19:39	WG2516825
Vanadium	U		0.520	5.00	1	05/19/2025 19:39	WG2516825
Zinc	17.7	J	4.00	25.0	1	05/19/2025 19:39	WG2516825

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/12/2025 22:21	WG2513387
Acrylonitrile	U		0.671	10.0	1	05/12/2025 22:21	WG2513387
Benzene	0.161	J	0.0941	1.00	1	05/12/2025 22:21	WG2513387
Bromochloromethane	U		0.128	1.00	1	05/12/2025 22:21	WG2513387
Bromodichloromethane	U		0.136	1.00	1	05/12/2025 22:21	WG2513387
Bromoform	U		0.129	1.00	1	05/12/2025 22:21	WG2513387
Bromomethane	U		0.605	5.00	1	05/12/2025 22:21	WG2513387
Carbon disulfide	U		0.0962	1.00	1	05/12/2025 22:21	WG2513387
Carbon tetrachloride	U		0.128	1.00	1	05/12/2025 22:21	WG2513387
Chlorobenzene	U		0.116	1.00	1	05/12/2025 22:21	WG2513387
Chlorodibromomethane	U		0.140	1.00	1	05/12/2025 22:21	WG2513387
Chloroethane	U		0.192	5.00	1	05/12/2025 22:21	WG2513387
Chloroform	U		0.111	5.00	1	05/12/2025 22:21	WG2513387
Chloromethane	U		0.960	2.50	1	05/12/2025 22:21	WG2513387
Dibromomethane	U		0.122	1.00	1	05/12/2025 22:21	WG2513387
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2025 22:21	WG2513387
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/12/2025 22:21	WG2513387

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2025 22:21	WG2513387
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2025 22:21	WG2513387
trans-1,4-Dichloro-2-butene	U	J3	0.467	2.50	1	05/12/2025 22:21	WG2513387
1,1-Dichloroethane	0.283	J	0.100	1.00	1	05/12/2025 22:21	WG2513387
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2025 22:21	WG2513387
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2025 22:21	WG2513387
cis-1,2-Dichloroethene	0.430	J	0.126	1.00	1	05/12/2025 22:21	WG2513387
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2025 22:21	WG2513387
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2025 22:21	WG2513387
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2025 22:21	WG2513387
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2025 22:21	WG2513387
Ethylbenzene	U		0.137	1.00	1	05/12/2025 22:21	WG2513387
2-Hexanone	U		0.787	10.0	1	05/12/2025 22:21	WG2513387
Iodomethane	U		6.00	10.0	1	05/12/2025 22:21	WG2513387
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2025 22:21	WG2513387
Methylene Chloride	U		0.430	5.00	1	05/12/2025 22:21	WG2513387
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2025 22:21	WG2513387
Styrene	U		0.118	1.00	1	05/12/2025 22:21	WG2513387
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/12/2025 22:21	WG2513387
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2025 22:21	WG2513387
Tetrachloroethene	U		0.300	1.00	1	05/12/2025 22:21	WG2513387
Toluene	U		0.278	1.00	1	05/12/2025 22:21	WG2513387
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2025 22:21	WG2513387
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2025 22:21	WG2513387
Trichloroethene	U		0.190	1.00	1	05/12/2025 22:21	WG2513387
Trichlorofluoromethane	U		0.160	5.00	1	05/12/2025 22:21	WG2513387
1,2,3-Trichloropropane	U		0.237	2.50	1	05/12/2025 22:21	WG2513387
Vinyl acetate	U		0.692	10.0	1	05/12/2025 22:21	WG2513387
Vinyl chloride	U		0.234	1.00	1	05/12/2025 22:21	WG2513387
Xylenes, Total	U		0.174	3.00	1	05/12/2025 22:21	WG2513387
(S) Toluene-d8	*104*			*80.0-120*		*05/12/2025 22:21*	WG2513387
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*05/12/2025 22:21*	WG2513387
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*05/12/2025 22:21*	WG2513387

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	202000		10000	1	05/13/2025 09:33	WG2512423

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	3540		547	1000	1	05/17/2025 20:49	WG2511984
Sulfate	3720	J	637	5000	1	05/17/2025 20:49	WG2511984

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	668	J	495	1000	1	05/11/2025 21:44	WG2512377

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 19:42	WG2516825
Arsenic	9.74		0.120	2.00	1	05/19/2025 19:42	WG2516825
Barium	87.9		0.500	2.00	1	05/19/2025 19:42	WG2516825
Beryllium	U		0.200	2.00	1	05/19/2025 19:42	WG2516825
Cadmium	U		0.120	1.00	1	05/19/2025 19:42	WG2516825
Chromium	U		0.900	2.00	1	05/19/2025 19:42	WG2516825
Copper	U		0.700	5.00	1	05/19/2025 19:42	WG2516825
Cobalt	U		0.100	2.00	1	05/19/2025 19:42	WG2516825
Iron	4630		22.6	100	1	05/19/2025 19:42	WG2516825
Lead	U		0.500	2.00	1	05/19/2025 19:42	WG2516825
Manganese	249		0.700	5.00	1	05/19/2025 19:42	WG2516825
Nickel	U		0.500	2.00	1	05/19/2025 19:42	WG2516825
Selenium	U		0.250	2.00	1	05/19/2025 19:42	WG2516825
Silver	U		0.110	2.00	1	05/19/2025 19:42	WG2516825
Thallium	U		0.130	2.00	1	05/19/2025 19:42	WG2516825
Vanadium	U		0.520	5.00	1	05/19/2025 19:42	WG2516825
Zinc	U		4.00	25.0	1	05/19/2025 19:42	WG2516825

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/13/2025 02:57	WG2513456
Acrylonitrile	U		0.671	10.0	1	05/13/2025 02:57	WG2513456
Benzene	U		0.0941	1.00	1	05/13/2025 02:57	WG2513456
Bromochloromethane	U		0.128	1.00	1	05/13/2025 02:57	WG2513456
Bromodichloromethane	U		0.136	1.00	1	05/13/2025 02:57	WG2513456
Bromoform	U		0.129	1.00	1	05/13/2025 02:57	WG2513456
Bromomethane	U		0.605	5.00	1	05/13/2025 02:57	WG2513456
Carbon disulfide	U		0.0962	1.00	1	05/13/2025 02:57	WG2513456
Carbon tetrachloride	U		0.128	1.00	1	05/13/2025 02:57	WG2513456
Chlorobenzene	U		0.116	1.00	1	05/13/2025 02:57	WG2513456
Chlorodibromomethane	U		0.140	1.00	1	05/13/2025 02:57	WG2513456
Chloroethane	U		0.192	5.00	1	05/13/2025 02:57	WG2513456
Chloroform	U		0.111	5.00	1	05/13/2025 02:57	WG2513456
Chloromethane	U		0.960	2.50	1	05/13/2025 02:57	WG2513456
Dibromomethane	U		0.122	1.00	1	05/13/2025 02:57	WG2513456
1,2-Dibromoethane	U		0.126	1.00	1	05/13/2025 02:57	WG2513456
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/13/2025 02:57	WG2513456

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/13/2025 02:57	WG2513456
1,4-Dichlorobenzene	U		0.120	1.00	1	05/13/2025 02:57	WG2513456
trans-1,4-Dichloro-2-butene	U	C3	0.467	2.50	1	05/13/2025 02:57	WG2513456
1,1-Dichloroethane	U		0.100	1.00	1	05/13/2025 02:57	WG2513456
1,2-Dichloroethane	U		0.0819	1.00	1	05/13/2025 02:57	WG2513456
1,1-Dichloroethene	U		0.188	1.00	1	05/13/2025 02:57	WG2513456
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/13/2025 02:57	WG2513456
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/13/2025 02:57	WG2513456
1,2-Dichloropropane	U		0.149	1.00	1	05/13/2025 02:57	WG2513456
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/13/2025 02:57	WG2513456
trans-1,3-Dichloropropene	U	C3	0.118	1.00	1	05/13/2025 02:57	WG2513456
Ethylbenzene	U		0.137	1.00	1	05/13/2025 02:57	WG2513456
2-Hexanone	U	C3	0.787	10.0	1	05/13/2025 02:57	WG2513456
Iodomethane	U		6.00	10.0	1	05/13/2025 02:57	WG2513456
2-Butanone (MEK)	U		1.19	10.0	1	05/13/2025 02:57	WG2513456
Methylene Chloride	U		0.430	5.00	1	05/13/2025 02:57	WG2513456
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/13/2025 02:57	WG2513456
Styrene	U		0.118	1.00	1	05/13/2025 02:57	WG2513456
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/13/2025 02:57	WG2513456
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	05/13/2025 02:57	WG2513456
Tetrachloroethene	U		0.300	1.00	1	05/13/2025 02:57	WG2513456
Toluene	U		0.278	1.00	1	05/13/2025 02:57	WG2513456
1,1,1-Trichloroethane	U		0.149	1.00	1	05/13/2025 02:57	WG2513456
1,1,2-Trichloroethane	U		0.158	1.00	1	05/13/2025 02:57	WG2513456
Trichloroethene	U		0.190	1.00	1	05/13/2025 02:57	WG2513456
Trichlorofluoromethane	U		0.160	5.00	1	05/13/2025 02:57	WG2513456
1,2,3-Trichloropropane	U		0.237	2.50	1	05/13/2025 02:57	WG2513456
Vinyl acetate	U	C3	0.692	10.0	1	05/13/2025 02:57	WG2513456
Vinyl chloride	U		0.234	1.00	1	05/13/2025 02:57	WG2513456
Xylenes, Total	U		0.174	3.00	1	05/13/2025 02:57	WG2513456
(S) Toluene-d8	*97.1*			*80.0-120*		*05/13/2025 02:57*	WG2513456
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*05/13/2025 02:57*	WG2513456
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*05/13/2025 02:57*	WG2513456

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	347000		10000	1	05/13/2025 09:33	WG2512423

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	9960		547	1000	1	05/17/2025 21:05	WG2511984
Sulfate	26500		637	5000	1	05/17/2025 21:05	WG2511984

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	656	J	495	1000	1	05/11/2025 22:04	WG2512377

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 23:08	WG2516831
Arsenic	0.951	J	0.120	2.00	1	05/19/2025 23:08	WG2516831
Barium	166		0.500	2.00	1	05/19/2025 23:08	WG2516831
Beryllium	U		0.200	2.00	1	05/19/2025 23:08	WG2516831
Cadmium	U		0.120	1.00	1	05/19/2025 23:08	WG2516831
Chromium	U		0.900	2.00	1	05/19/2025 23:08	WG2516831
Copper	U		0.700	5.00	1	05/19/2025 23:08	WG2516831
Cobalt	U		0.100	2.00	1	05/19/2025 23:08	WG2516831
Iron	3300		22.6	100	1	05/19/2025 23:08	WG2516831
Lead	U		0.500	2.00	1	05/19/2025 23:08	WG2516831
Manganese	364		0.700	5.00	1	05/19/2025 23:08	WG2516831
Nickel	U		0.500	2.00	1	05/19/2025 23:08	WG2516831
Selenium	U		0.250	2.00	1	05/19/2025 23:08	WG2516831
Silver	U		0.110	2.00	1	05/19/2025 23:08	WG2516831
Thallium	U		0.130	2.00	1	05/19/2025 23:08	WG2516831
Vanadium	U		0.520	5.00	1	05/19/2025 23:08	WG2516831
Zinc	U		4.00	25.0	1	05/19/2025 23:08	WG2516831

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/12/2025 22:40	WG2513387
Acrylonitrile	U		0.671	10.0	1	05/12/2025 22:40	WG2513387
Benzene	U		0.0941	1.00	1	05/12/2025 22:40	WG2513387
Bromochloromethane	U		0.128	1.00	1	05/12/2025 22:40	WG2513387
Bromodichloromethane	U		0.136	1.00	1	05/12/2025 22:40	WG2513387
Bromoform	U		0.129	1.00	1	05/12/2025 22:40	WG2513387
Bromomethane	U		0.605	5.00	1	05/12/2025 22:40	WG2513387
Carbon disulfide	U		0.0962	1.00	1	05/12/2025 22:40	WG2513387
Carbon tetrachloride	U		0.128	1.00	1	05/12/2025 22:40	WG2513387
Chlorobenzene	U		0.116	1.00	1	05/12/2025 22:40	WG2513387
Chlorodibromomethane	U		0.140	1.00	1	05/12/2025 22:40	WG2513387
Chloroethane	U		0.192	5.00	1	05/12/2025 22:40	WG2513387
Chloroform	U		0.111	5.00	1	05/12/2025 22:40	WG2513387
Chloromethane	U		0.960	2.50	1	05/12/2025 22:40	WG2513387
Dibromomethane	U		0.122	1.00	1	05/12/2025 22:40	WG2513387
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2025 22:40	WG2513387
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/12/2025 22:40	WG2513387

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2025 22:40	WG2513387
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2025 22:40	WG2513387
trans-1,4-Dichloro-2-butene	U	J3	0.467	2.50	1	05/12/2025 22:40	WG2513387
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2025 22:40	WG2513387
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2025 22:40	WG2513387
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2025 22:40	WG2513387
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2025 22:40	WG2513387
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2025 22:40	WG2513387
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2025 22:40	WG2513387
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2025 22:40	WG2513387
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2025 22:40	WG2513387
Ethylbenzene	U		0.137	1.00	1	05/12/2025 22:40	WG2513387
2-Hexanone	U		0.787	10.0	1	05/12/2025 22:40	WG2513387
Iodomethane	U		6.00	10.0	1	05/12/2025 22:40	WG2513387
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2025 22:40	WG2513387
Methylene Chloride	U		0.430	5.00	1	05/12/2025 22:40	WG2513387
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2025 22:40	WG2513387
Styrene	U		0.118	1.00	1	05/12/2025 22:40	WG2513387
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/12/2025 22:40	WG2513387
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2025 22:40	WG2513387
Tetrachloroethene	U		0.300	1.00	1	05/12/2025 22:40	WG2513387
Toluene	U		0.278	1.00	1	05/12/2025 22:40	WG2513387
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2025 22:40	WG2513387
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2025 22:40	WG2513387
Trichloroethene	U		0.190	1.00	1	05/12/2025 22:40	WG2513387
Trichlorofluoromethane	U		0.160	5.00	1	05/12/2025 22:40	WG2513387
1,2,3-Trichloropropane	U		0.237	2.50	1	05/12/2025 22:40	WG2513387
Vinyl acetate	U		0.692	10.0	1	05/12/2025 22:40	WG2513387
Vinyl chloride	U		0.234	1.00	1	05/12/2025 22:40	WG2513387
Xylenes, Total	U		0.174	3.00	1	05/12/2025 22:40	WG2513387
(S) Toluene-d8	*100*			*80.0-120*		*05/12/2025 22:40*	WG2513387
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*05/12/2025 22:40*	WG2513387
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*05/12/2025 22:40*	WG2513387

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	409000		10000	1	05/13/2025 09:33	WG2512423

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	19500		547	1000	1	05/16/2025 15:28	WG2512053
Sulfate	57200	J6	637	5000	1	05/16/2025 15:28	WG2512053

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	767	J	495	1000	1	05/11/2025 22:24	WG2512377

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 23:11	WG2516831
Arsenic	0.606	J	0.120	2.00	1	05/19/2025 23:11	WG2516831
Barium	192		0.500	2.00	1	05/19/2025 23:11	WG2516831
Beryllium	U		0.200	2.00	1	05/19/2025 23:11	WG2516831
Cadmium	U		0.120	1.00	1	05/19/2025 23:11	WG2516831
Chromium	U		0.900	2.00	1	05/19/2025 23:11	WG2516831
Copper	0.708	J	0.700	5.00	1	05/19/2025 23:11	WG2516831
Cobalt	U		0.100	2.00	1	05/19/2025 23:11	WG2516831
Iron	4030		22.6	100	1	05/19/2025 23:11	WG2516831
Lead	U		0.500	2.00	1	05/19/2025 23:11	WG2516831
Manganese	454		0.700	5.00	1	05/19/2025 23:11	WG2516831
Nickel	0.554	J	0.500	2.00	1	05/19/2025 23:11	WG2516831
Selenium	U		0.250	2.00	1	05/19/2025 23:11	WG2516831
Silver	U		0.110	2.00	1	05/19/2025 23:11	WG2516831
Thallium	U		0.130	2.00	1	05/19/2025 23:11	WG2516831
Vanadium	U		0.520	5.00	1	05/19/2025 23:11	WG2516831
Zinc	U		4.00	25.0	1	05/19/2025 23:11	WG2516831

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/12/2025 22:59	WG2513387
Acrylonitrile	U		0.671	10.0	1	05/12/2025 22:59	WG2513387
Benzene	U		0.0941	1.00	1	05/12/2025 22:59	WG2513387
Bromochloromethane	U		0.128	1.00	1	05/12/2025 22:59	WG2513387
Bromodichloromethane	U		0.136	1.00	1	05/12/2025 22:59	WG2513387
Bromoform	U		0.129	1.00	1	05/12/2025 22:59	WG2513387
Bromomethane	U		0.605	5.00	1	05/12/2025 22:59	WG2513387
Carbon disulfide	U		0.0962	1.00	1	05/12/2025 22:59	WG2513387
Carbon tetrachloride	U		0.128	1.00	1	05/12/2025 22:59	WG2513387
Chlorobenzene	U		0.116	1.00	1	05/12/2025 22:59	WG2513387
Chlorodibromomethane	U		0.140	1.00	1	05/12/2025 22:59	WG2513387
Chloroethane	U		0.192	5.00	1	05/12/2025 22:59	WG2513387
Chloroform	U		0.111	5.00	1	05/12/2025 22:59	WG2513387
Chloromethane	U		0.960	2.50	1	05/12/2025 22:59	WG2513387
Dibromomethane	U		0.122	1.00	1	05/12/2025 22:59	WG2513387
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2025 22:59	WG2513387
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/12/2025 22:59	WG2513387

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2025 22:59	WG2513387
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2025 22:59	WG2513387
trans-1,4-Dichloro-2-butene	U	J3	0.467	2.50	1	05/12/2025 22:59	WG2513387
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2025 22:59	WG2513387
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2025 22:59	WG2513387
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2025 22:59	WG2513387
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2025 22:59	WG2513387
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2025 22:59	WG2513387
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2025 22:59	WG2513387
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2025 22:59	WG2513387
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2025 22:59	WG2513387
Ethylbenzene	U		0.137	1.00	1	05/12/2025 22:59	WG2513387
2-Hexanone	U		0.787	10.0	1	05/12/2025 22:59	WG2513387
Iodomethane	U		6.00	10.0	1	05/12/2025 22:59	WG2513387
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2025 22:59	WG2513387
Methylene Chloride	U		0.430	5.00	1	05/12/2025 22:59	WG2513387
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2025 22:59	WG2513387
Styrene	U		0.118	1.00	1	05/12/2025 22:59	WG2513387
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/12/2025 22:59	WG2513387
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2025 22:59	WG2513387
Tetrachloroethene	U		0.300	1.00	1	05/12/2025 22:59	WG2513387
Toluene	U		0.278	1.00	1	05/12/2025 22:59	WG2513387
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2025 22:59	WG2513387
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2025 22:59	WG2513387
Trichloroethene	U		0.190	1.00	1	05/12/2025 22:59	WG2513387
Trichlorofluoromethane	U		0.160	5.00	1	05/12/2025 22:59	WG2513387
1,2,3-Trichloropropane	U		0.237	2.50	1	05/12/2025 22:59	WG2513387
Vinyl acetate	U		0.692	10.0	1	05/12/2025 22:59	WG2513387
Vinyl chloride	U		0.234	1.00	1	05/12/2025 22:59	WG2513387
Xylenes, Total	U		0.174	3.00	1	05/12/2025 22:59	WG2513387
(S) Toluene-d8	*99.1*			*80.0-120*		*05/12/2025 22:59*	WG2513387
(S) 4-Bromofluorobenzene	*90.7*			*77.0-126*		*05/12/2025 22:59*	WG2513387
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*05/12/2025 22:59*	WG2513387

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	586000		10000	1	05/13/2025 09:49	WG2512418

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	37600		547	1000	1	05/16/2025 16:22	WG2512053
Sulfate	61000		637	5000	1	05/16/2025 16:22	WG2512053

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	613	J	495	1000	1	05/11/2025 22:44	WG2512377

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	0.736	J	0.310	4.00	1	05/19/2025 23:14	WG2516831
Arsenic	3.99		0.120	2.00	1	05/19/2025 23:14	WG2516831
Barium	335		0.500	2.00	1	05/19/2025 23:14	WG2516831
Beryllium	U		0.200	2.00	1	05/19/2025 23:14	WG2516831
Cadmium	U		0.120	1.00	1	05/19/2025 23:14	WG2516831
Chromium	U		0.900	2.00	1	05/19/2025 23:14	WG2516831
Copper	U		0.700	5.00	1	05/19/2025 23:14	WG2516831
Cobalt	0.940	J	0.100	2.00	1	05/19/2025 23:14	WG2516831
Iron	16700		22.6	100	1	05/19/2025 23:14	WG2516831
Lead	U		0.500	2.00	1	05/19/2025 23:14	WG2516831
Manganese	487		0.700	5.00	1	05/19/2025 23:14	WG2516831
Nickel	0.671	J	0.500	2.00	1	05/19/2025 23:14	WG2516831
Selenium	U		0.250	2.00	1	05/19/2025 23:14	WG2516831
Silver	U		0.110	2.00	1	05/19/2025 23:14	WG2516831
Thallium	U		0.130	2.00	1	05/19/2025 23:14	WG2516831
Vanadium	U		0.520	5.00	1	05/19/2025 23:14	WG2516831
Zinc	U		4.00	25.0	1	05/19/2025 23:14	WG2516831

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/13/2025 03:18	WG2513456
Acrylonitrile	U		0.671	10.0	1	05/13/2025 03:18	WG2513456
Benzene	U		0.0941	1.00	1	05/13/2025 03:18	WG2513456
Bromochloromethane	U		0.128	1.00	1	05/13/2025 03:18	WG2513456
Bromodichloromethane	U		0.136	1.00	1	05/13/2025 03:18	WG2513456
Bromoform	U		0.129	1.00	1	05/13/2025 03:18	WG2513456
Bromomethane	U		0.605	5.00	1	05/13/2025 03:18	WG2513456
Carbon disulfide	U		0.0962	1.00	1	05/13/2025 03:18	WG2513456
Carbon tetrachloride	U		0.128	1.00	1	05/13/2025 03:18	WG2513456
Chlorobenzene	U		0.116	1.00	1	05/13/2025 03:18	WG2513456
Chlorodibromomethane	U		0.140	1.00	1	05/13/2025 03:18	WG2513456
Chloroethane	U		0.192	5.00	1	05/13/2025 03:18	WG2513456
Chloroform	U		0.111	5.00	1	05/13/2025 03:18	WG2513456
Chloromethane	U		0.960	2.50	1	05/13/2025 03:18	WG2513456
Dibromomethane	U		0.122	1.00	1	05/13/2025 03:18	WG2513456
1,2-Dibromoethane	U		0.126	1.00	1	05/13/2025 03:18	WG2513456
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	05/13/2025 03:18	WG2513456

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/13/2025 03:18	WG2513456
1,4-Dichlorobenzene	U		0.120	1.00	1	05/13/2025 03:18	WG2513456
trans-1,4-Dichloro-2-butene	U	C3	0.467	2.50	1	05/13/2025 03:18	WG2513456
1,1-Dichloroethane	U		0.100	1.00	1	05/13/2025 03:18	WG2513456
1,2-Dichloroethane	U		0.0819	1.00	1	05/13/2025 03:18	WG2513456
1,1-Dichloroethene	U		0.188	1.00	1	05/13/2025 03:18	WG2513456
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/13/2025 03:18	WG2513456
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/13/2025 03:18	WG2513456
1,2-Dichloropropane	U		0.149	1.00	1	05/13/2025 03:18	WG2513456
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/13/2025 03:18	WG2513456
trans-1,3-Dichloropropene	U	C3	0.118	1.00	1	05/13/2025 03:18	WG2513456
Ethylbenzene	U		0.137	1.00	1	05/13/2025 03:18	WG2513456
2-Hexanone	U	C3	0.787	10.0	1	05/13/2025 03:18	WG2513456
Iodomethane	U		6.00	10.0	1	05/13/2025 03:18	WG2513456
2-Butanone (MEK)	U		1.19	10.0	1	05/13/2025 03:18	WG2513456
Methylene Chloride	U		0.430	5.00	1	05/13/2025 03:18	WG2513456
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/13/2025 03:18	WG2513456
Styrene	U		0.118	1.00	1	05/13/2025 03:18	WG2513456
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/13/2025 03:18	WG2513456
1,1,2,2-Tetrachloroethane	U	C3	0.133	1.00	1	05/13/2025 03:18	WG2513456
Tetrachloroethene	U		0.300	1.00	1	05/13/2025 03:18	WG2513456
Toluene	U		0.278	1.00	1	05/13/2025 03:18	WG2513456
1,1,1-Trichloroethane	U		0.149	1.00	1	05/13/2025 03:18	WG2513456
1,1,2-Trichloroethane	U		0.158	1.00	1	05/13/2025 03:18	WG2513456
Trichloroethene	U		0.190	1.00	1	05/13/2025 03:18	WG2513456
Trichlorofluoromethane	U		0.160	5.00	1	05/13/2025 03:18	WG2513456
1,2,3-Trichloropropane	U		0.237	2.50	1	05/13/2025 03:18	WG2513456
Vinyl acetate	U	C3	0.692	10.0	1	05/13/2025 03:18	WG2513456
Vinyl chloride	U		0.234	1.00	1	05/13/2025 03:18	WG2513456
Xylenes, Total	U		0.174	3.00	1	05/13/2025 03:18	WG2513456
(S) Toluene-d8	*96.4*			*80.0-120*		*05/13/2025 03:18*	WG2513456
(S) 4-Bromofluorobenzene	*97.0*			*77.0-126*		*05/13/2025 03:18*	WG2513456
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*05/13/2025 03:18*	WG2513456

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	490000		10000	1	05/13/2025 09:49	WG2512418

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	33900		547	1000	1	05/16/2025 16:36	WG2512053
Sulfate	62400		637	5000	1	05/16/2025 16:36	WG2512053

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	700	J	495	1000	1	05/11/2025 23:04	WG2512377

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/19/2025 23:17	WG2516831
Arsenic	0.617	J	0.120	2.00	1	05/19/2025 23:17	WG2516831
Barium	230		0.500	2.00	1	05/19/2025 23:17	WG2516831
Beryllium	U		0.200	2.00	1	05/19/2025 23:17	WG2516831
Cadmium	U		0.120	1.00	1	05/19/2025 23:17	WG2516831
Chromium	U		0.900	2.00	1	05/19/2025 23:17	WG2516831
Copper	U		0.700	5.00	1	05/19/2025 23:17	WG2516831
Cobalt	U		0.100	2.00	1	05/19/2025 23:17	WG2516831
Iron	4790		22.6	100	1	05/19/2025 23:17	WG2516831
Lead	U		0.500	2.00	1	05/19/2025 23:17	WG2516831
Manganese	602		0.700	5.00	1	05/19/2025 23:17	WG2516831
Nickel	U		0.500	2.00	1	05/19/2025 23:17	WG2516831
Selenium	U		0.250	2.00	1	05/19/2025 23:17	WG2516831
Silver	U		0.110	2.00	1	05/19/2025 23:17	WG2516831
Thallium	U		0.130	2.00	1	05/19/2025 23:17	WG2516831
Vanadium	U		0.520	5.00	1	05/19/2025 23:17	WG2516831
Zinc	U		4.00	25.0	1	05/19/2025 23:17	WG2516831

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/12/2025 23:18	WG2513387
Acrylonitrile	U		0.671	10.0	1	05/12/2025 23:18	WG2513387
Benzene	U		0.0941	1.00	1	05/12/2025 23:18	WG2513387
Bromochloromethane	U		0.128	1.00	1	05/12/2025 23:18	WG2513387
Bromodichloromethane	U		0.136	1.00	1	05/12/2025 23:18	WG2513387
Bromoform	U		0.129	1.00	1	05/12/2025 23:18	WG2513387
Bromomethane	U		0.605	5.00	1	05/12/2025 23:18	WG2513387
Carbon disulfide	U		0.0962	1.00	1	05/12/2025 23:18	WG2513387
Carbon tetrachloride	U		0.128	1.00	1	05/12/2025 23:18	WG2513387
Chlorobenzene	U		0.116	1.00	1	05/12/2025 23:18	WG2513387
Chlorodibromomethane	U		0.140	1.00	1	05/12/2025 23:18	WG2513387
Chloroethane	U		0.192	5.00	1	05/12/2025 23:18	WG2513387
Chloroform	U		0.111	5.00	1	05/12/2025 23:18	WG2513387
Chloromethane	U		0.960	2.50	1	05/12/2025 23:18	WG2513387
Dibromomethane	U		0.122	1.00	1	05/12/2025 23:18	WG2513387
1,2-Dibromoethane	U		0.126	1.00	1	05/12/2025 23:18	WG2513387
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/12/2025 23:18	WG2513387

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/12/2025 23:18	WG2513387
1,4-Dichlorobenzene	U		0.120	1.00	1	05/12/2025 23:18	WG2513387
trans-1,4-Dichloro-2-butene	U	J3	0.467	2.50	1	05/12/2025 23:18	WG2513387
1,1-Dichloroethane	U		0.100	1.00	1	05/12/2025 23:18	WG2513387
1,2-Dichloroethane	U		0.0819	1.00	1	05/12/2025 23:18	WG2513387
1,1-Dichloroethene	U		0.188	1.00	1	05/12/2025 23:18	WG2513387
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/12/2025 23:18	WG2513387
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/12/2025 23:18	WG2513387
1,2-Dichloropropane	U		0.149	1.00	1	05/12/2025 23:18	WG2513387
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/12/2025 23:18	WG2513387
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/12/2025 23:18	WG2513387
Ethylbenzene	U		0.137	1.00	1	05/12/2025 23:18	WG2513387
2-Hexanone	U		0.787	10.0	1	05/12/2025 23:18	WG2513387
Iodomethane	U		6.00	10.0	1	05/12/2025 23:18	WG2513387
2-Butanone (MEK)	U		1.19	10.0	1	05/12/2025 23:18	WG2513387
Methylene Chloride	U		0.430	5.00	1	05/12/2025 23:18	WG2513387
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/12/2025 23:18	WG2513387
Styrene	U		0.118	1.00	1	05/12/2025 23:18	WG2513387
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/12/2025 23:18	WG2513387
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/12/2025 23:18	WG2513387
Tetrachloroethene	U		0.300	1.00	1	05/12/2025 23:18	WG2513387
Toluene	U		0.278	1.00	1	05/12/2025 23:18	WG2513387
1,1,1-Trichloroethane	U		0.149	1.00	1	05/12/2025 23:18	WG2513387
1,1,2-Trichloroethane	U		0.158	1.00	1	05/12/2025 23:18	WG2513387
Trichloroethene	U		0.190	1.00	1	05/12/2025 23:18	WG2513387
Trichlorofluoromethane	U		0.160	5.00	1	05/12/2025 23:18	WG2513387
1,2,3-Trichloropropane	U		0.237	2.50	1	05/12/2025 23:18	WG2513387
Vinyl acetate	U		0.692	10.0	1	05/12/2025 23:18	WG2513387
Vinyl chloride	U		0.234	1.00	1	05/12/2025 23:18	WG2513387
Xylenes, Total	U		0.174	3.00	1	05/12/2025 23:18	WG2513387
(S) Toluene-d8	*97.0*			*80.0-120*		*05/12/2025 23:18*	WG2513387
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*05/12/2025 23:18*	WG2513387
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*05/12/2025 23:18*	WG2513387

Method Blank (MB)

(MB) R4216029-1 05/13/25 09:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	U		10000	10000

L1857307-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857307-01 05/13/25 09:49 • (DUP) R4216029-3 05/13/25 09:49

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	32100000	33500000	1	4.27		10

L1857530-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1857530-10 05/13/25 09:49 • (DUP) R4216029-4 05/13/25 09:49

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	490000	497000	1	1.42		10

Laboratory Control Sample (LCS)

(LCS) R4216029-2 05/13/25 09:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8560000	97.3	90.0-110	

Method Blank (MB)

(MB) R4216412-1 05/13/25 09:33

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	U		10000	10000

L1857530-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1857530-06 05/13/25 09:33 • (DUP) R4216412-3 05/13/25 09:33

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	202000	202000	1	0.000		10

L1857530-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1857530-08 05/13/25 09:33 • (DUP) R4216412-4 05/13/25 09:33

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	409000	422000	1	3.13		10

Laboratory Control Sample (LCS)

(LCS) R4216412-2 05/13/25 09:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8320000	94.5	90.0-110	

Method Blank (MB)

(MB) R4213202-1 05/11/25 15:15

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	U		10000	10000

L1857530-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1857530-03 05/11/25 15:15 • (DUP) R4213202-3 05/11/25 15:15

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	326000	328000	1	0.612		10

L1857698-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1857698-23 05/11/25 15:15 • (DUP) R4213202-4 05/11/25 15:15

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R4213202-2 05/11/25 15:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8510000	96.7	90.0-110	

Method Blank (MB)

(MB) R4216421-1 05/17/25 11:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		547	1000
Sulfate	U		637	5000

L1857508-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1857508-11 05/17/25 14:43 • (DUP) R4216421-3 05/17/25 14:58

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	20500	20400	1	0.574		15
Sulfate	23000	22700	1	1.40		15

L1857508-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1857508-13 05/17/25 16:18 • (DUP) R4216421-6 05/17/25 16:34

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	40900	40800	1	0.154		15
Sulfate	58400	58400	1	0.00599		15

Laboratory Control Sample (LCS)

(LCS) R4216421-2 05/17/25 11:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	39600	99.1	80.0-120	
Sulfate	40000	40700	102	80.0-120	

L1857508-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857508-11 05/17/25 14:43 • (MS) R4216421-4 05/17/25 15:14 • (MSD) R4216421-5 05/17/25 15:30

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40000	20500	56000	55800	88.6	88.2	1	80.0-120			0.311	15
Sulfate	40000	23000	58500	58400	88.6	88.4	1	80.0-120			0.142	15

L1857508-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1857508-13 05/17/25 16:18 • (MS) R4216421-7 05/17/25 16:50

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	40900	73600	81.9	1	80.0-120	
Sulfate	40000	58400	86000	69.1	1	80.0-120	J6

Method Blank (MB)

(MB) R4216158-1 05/16/25 13:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		547	1000
Sulfate	U		637	5000

L1857530-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1857530-08 05/16/25 15:28 • (DUP) R4216158-3 05/16/25 15:42

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	19500	20400	1	4.42		15
Sulfate	57200	60000	1	4.73		15

L1857530-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1857530-10 05/16/25 16:36 • (DUP) R4216158-6 05/16/25 16:49

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	33900	32900	1	2.82		15
Sulfate	62400	61300	1	1.78		15

Laboratory Control Sample (LCS)

(LCS) R4216158-2 05/16/25 13:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	39200	98.0	80.0-120	
Sulfate	40000	39700	99.4	80.0-120	

L1857530-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857530-08 05/16/25 15:28 • (MS) R4216158-4 05/16/25 15:55 • (MSD) R4216158-5 05/16/25 16:09

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40000	19500	54800	55800	88.2	90.6	1	80.0-120			1.73	15
Sulfate	40000	57200	85200	87700	70.0	76.1	1	80.0-120	J6	J6	2.84	15

L1857530-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1857530-10 05/16/25 16:36 • (MS) R4216158-7 05/16/25 17:03

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	33900	69900	90.1	1	80.0-120	
Sulfate	40000	62400	95000	81.7	1	80.0-120	

Method Blank (MB)

(MB) R4213037-2 05/11/25 00:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1856975-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1856975-03 05/11/25 04:43 • (DUP) R4213037-5 05/11/25 04:57

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	744	653	1	13.0	J	20

L1857130-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1857130-03 05/11/25 06:44 • (DUP) R4213037-8 05/11/25 07:03

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	15500	15600	1	0.707		20

Laboratory Control Sample (LCS)

(LCS) R4213037-1 05/11/25 00:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	25100	100	80.0-120	

L1856975-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1856975-02 05/11/25 03:50 • (MS) R4213037-3 05/11/25 04:09 • (MSD) R4213037-4 05/11/25 04:28

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	U	24800	24800	99.2	99.2	1	75.0-125			0.0806	20

L1856975-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1856975-04 05/11/25 05:45 • (MS) R4213037-6 05/11/25 06:05 • (MSD) R4213037-7 05/11/25 06:25

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	1140	26000	26800	99.4	102	1	75.0-125			2.88	20

Method Blank (MB)

(MB) R4213219-2 05/11/25 18:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1857530-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1857530-04 05/11/25 20:43 • (DUP) R4213219-5 05/11/25 21:03

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	710	687	1	3.25	J	20

Laboratory Control Sample (LCS)

(LCS) R4213219-1 05/11/25 18:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	25500	102	80.0-120	

L1857530-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857530-03 05/11/25 19:33 • (MS) R4213219-3 05/11/25 19:58 • (MSD) R4213219-4 05/11/25 20:23

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	U	26200	26500	105	106	1	75.0-125			1.06	20

Method Blank (MB)

(MB) R4217053-1 05/19/25 17:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Beryllium	U		0.200	2.00
Cadmium	U		0.120	1.00
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	U		0.500	2.00
Manganese	U		0.700	5.00
Nickel	U		0.500	2.00
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Thallium	U		0.130	2.00
Vanadium	U		0.520	5.00
Zinc	U		4.00	25.0

Laboratory Control Sample (LCS)

(LCS) R4217053-2 05/19/25 18:02

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	49.3	98.7	80.0-120	
Arsenic	50.0	50.0	100	80.0-120	
Barium	50.0	47.6	95.2	80.0-120	
Beryllium	50.0	50.4	101	80.0-120	
Cadmium	50.0	53.5	107	80.0-120	
Chromium	50.0	51.6	103	80.0-120	
Copper	50.0	51.3	103	80.0-120	
Cobalt	50.0	51.6	103	80.0-120	
Iron	1000	1000	100	80.0-120	
Lead	50.0	47.7	95.4	80.0-120	
Manganese	50.0	50.3	101	80.0-120	
Nickel	50.0	52.4	105	80.0-120	
Selenium	50.0	50.4	101	80.0-120	
Silver	50.0	51.7	103	80.0-120	
Thallium	50.0	46.6	93.2	80.0-120	
Vanadium	50.0	51.5	103	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4217053-2 05/19/25 18:02

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Zinc	50.0	49.7	99.4	80.0-120	

L1857508-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857508-11 05/19/25 18:05 • (MS) R4217053-4 05/19/25 18:11 • (MSD) R4217053-5 05/19/25 18:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	50.0	U	51.2	50.2	102	100	1	75.0-125			2.04	20
Arsenic	50.0	5.61	55.7	56.1	100	101	1	75.0-125			0.614	20
Barium	50.0	583	634	634	102	102	1	75.0-125			0.0407	20
Beryllium	50.0	U	50.4	50.3	101	101	1	75.0-125			0.252	20
Cadmium	50.0	U	53.4	53.7	107	107	1	75.0-125			0.615	20
Chromium	50.0	U	51.7	52.0	103	104	1	75.0-125			0.482	20
Copper	50.0	0.743	50.4	51.4	99.4	101	1	75.0-125			1.87	20
Cobalt	50.0	0.197	51.5	51.3	103	102	1	75.0-125			0.496	20
Iron	1000	20700	21800	21400	113	74.1	1	75.0-125		V	1.80	20
Lead	50.0	U	48.0	48.1	96.0	96.1	1	75.0-125			0.166	20
Manganese	50.0	1970	1990	1990	45.5	57.3	1	75.0-125	V	V	0.298	20
Nickel	50.0	U	51.9	51.5	104	103	1	75.0-125			0.760	20
Selenium	50.0	U	52.0	51.3	104	103	1	75.0-125			1.29	20
Silver	50.0	U	52.8	52.7	106	105	1	75.0-125			0.151	20
Thallium	50.0	U	46.5	47.4	93.0	94.9	1	75.0-125			1.97	20
Vanadium	50.0	2.12	53.9	53.6	104	103	1	75.0-125			0.678	20
Zinc	50.0	U	52.4	52.7	105	105	1	75.0-125			0.551	20

Method Blank (MB)

(MB) R4217112-1 05/19/25 22:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Beryllium	U		0.200	2.00
Cadmium	U		0.120	1.00
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	U		0.500	2.00
Manganese	U		0.700	5.00
Nickel	U		0.500	2.00
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Thallium	U		0.130	2.00
Vanadium	U		0.520	5.00
Zinc	U		4.00	25.0

Laboratory Control Sample (LCS)

(LCS) R4217112-2 05/19/25 22:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	48.7	97.3	80.0-120	
Arsenic	50.0	50.5	101	80.0-120	
Barium	50.0	48.0	96.0	80.0-120	
Beryllium	50.0	50.4	101	80.0-120	
Cadmium	50.0	55.6	111	80.0-120	
Chromium	50.0	52.6	105	80.0-120	
Copper	50.0	50.9	102	80.0-120	
Cobalt	50.0	53.3	107	80.0-120	
Iron	1000	1010	101	80.0-120	
Lead	50.0	48.2	96.3	80.0-120	
Manganese	50.0	51.2	102	80.0-120	
Nickel	50.0	53.2	106	80.0-120	
Selenium	50.0	49.6	99.2	80.0-120	
Silver	50.0	52.4	105	80.0-120	
Thallium	50.0	47.7	95.4	80.0-120	
Vanadium	50.0	50.7	101	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4217112-2 05/19/25 22:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Zinc	50.0	51.7	103	80.0-120	

L1857591-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857591-03 05/19/25 22:55 • (MS) R4217112-4 05/19/25 23:02 • (MSD) R4217112-5 05/19/25 23:05

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	50.0	0.511	52.7	53.0	104	105	1	75.0-125			0.524	20
Arsenic	50.0	8.30	60.0	60.3	103	104	1	75.0-125			0.521	20
Barium	50.0	3740	3760	3780	35.6	77.8	1	75.0-125	V		0.559	20
Beryllium	50.0	U	49.4	49.1	98.8	98.3	1	75.0-125			0.501	20
Cadmium	50.0	U	53.0	53.3	106	107	1	75.0-125			0.561	20
Chromium	50.0	U	52.3	52.6	105	105	1	75.0-125			0.643	20
Copper	50.0	6.79	56.6	57.2	99.7	101	1	75.0-125			0.975	20
Cobalt	50.0	U	51.6	52.0	103	104	1	75.0-125			0.858	20
Iron	1000	5300	6190	6230	89.0	93.6	1	75.0-125			0.745	20
Lead	50.0	U	48.5	48.5	97.0	97.0	1	75.0-125			0.0155	20
Manganese	50.0	688	730	743	84.9	111	1	75.0-125			1.78	20
Nickel	50.0	U	51.3	51.2	103	102	1	75.0-125			0.165	20
Selenium	50.0	U	55.2	54.1	110	108	1	75.0-125			1.88	20
Silver	50.0	U	52.6	52.6	105	105	1	75.0-125			0.109	20
Thallium	50.0	U	47.6	47.8	95.3	95.6	1	75.0-125			0.368	20
Vanadium	50.0	U	53.1	53.3	106	107	1	75.0-125			0.558	20
Zinc	50.0	5.89	56.4	56.4	101	101	1	75.0-125			0.0811	20

Method Blank (MB)

(MB) R4214396-3 05/12/25 18:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Dibromomethane	U		0.122	1.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

Method Blank (MB)

(MB) R4214396-3 05/12/25 18:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

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

(LCS) R4214396-1 05/12/25 17:44 • (LCSD) R4214396-2 05/12/25 18:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	32.0	32.8	128	131	19.0-160	J	J	2.47	27
Acrylonitrile	25.0	27.4	27.0	110	108	55.0-149			1.47	20
Benzene	5.00	4.81	4.98	96.2	99.6	70.0-123			3.47	20
Bromochloromethane	5.00	5.04	5.10	101	102	76.0-122			1.18	20
Bromodichloromethane	5.00	5.58	5.69	112	114	75.0-120			1.95	20
Bromoform	5.00	5.82	5.72	116	114	68.0-132			1.73	20
Bromomethane	5.00	4.69	4.90	93.8	98.0	10.0-160	J	J	4.38	25
Carbon disulfide	5.00	4.91	5.09	98.2	102	61.0-128			3.60	20
Carbon tetrachloride	5.00	5.87	6.29	117	126	68.0-126			6.91	20
Chlorobenzene	5.00	5.19	5.37	104	107	80.0-121			3.41	20
Chlorodibromomethane	5.00	5.29	5.57	106	111	77.0-125			5.16	20
Chloroethane	5.00	4.97	4.99	99.4	99.8	47.0-150	J	J	0.402	20
Chloroform	5.00	4.94	4.94	98.8	98.8	73.0-120	J	J	0.000	20
Chloromethane	5.00	4.73	4.73	94.6	94.6	41.0-142			0.000	20
Dibromomethane	5.00	5.45	5.27	109	105	80.0-120			3.36	20
1,2-Dibromoethane	5.00	5.12	5.01	102	100	80.0-122			2.17	20
1,2-Dibromo-3-Chloropropane	5.00	5.60	5.44	112	109	58.0-134			2.90	20
1,2-Dichlorobenzene	5.00	5.18	5.31	104	106	79.0-121			2.48	20
1,4-Dichlorobenzene	5.00	5.12	5.24	102	105	79.0-120			2.32	20
trans-1,4-Dichloro-2-butene	5.00	4.35	5.64	87.0	113	33.0-144		J3	25.8	20
1,1-Dichloroethane	5.00	5.18	5.25	104	105	70.0-126			1.34	20
1,2-Dichloroethane	5.00	5.65	5.63	113	113	70.0-128			0.355	20
1,1-Dichloroethene	5.00	4.64	4.83	92.8	96.6	71.0-124			4.01	20

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

(LCS) R4214396-1 05/12/25 17:44 • (LCSD) R4214396-2 05/12/25 18:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	4.88	4.90	97.6	98.0	73.0-120			0.409	20
trans-1,2-Dichloroethene	5.00	4.79	4.82	95.8	96.4	73.0-120			0.624	20
1,2-Dichloropropane	5.00	4.90	5.13	98.0	103	77.0-125			4.59	20
cis-1,3-Dichloropropene	5.00	5.13	5.49	103	110	80.0-123			6.78	20
trans-1,3-Dichloropropene	5.00	4.67	4.92	93.4	98.4	78.0-124			5.21	20
Ethylbenzene	5.00	4.71	4.96	94.2	99.2	79.0-123			5.17	20
2-Hexanone	25.0	22.5	23.8	90.0	95.2	67.0-149			5.62	20
Iodomethane	25.0	25.0	25.9	100	104	33.0-147			3.54	26
2-Butanone (MEK)	25.0	26.6	31.5	106	126	44.0-160			16.9	20
Methylene Chloride	5.00	4.55	4.57	91.0	91.4	67.0-120	J	J	0.439	20
4-Methyl-2-pentanone (MIBK)	25.0	27.4	27.8	110	111	68.0-142			1.45	20
Styrene	5.00	4.26	4.44	85.2	88.8	73.0-130			4.14	20
1,1,1,2-Tetrachloroethane	5.00	6.14	6.01	123	120	75.0-125			2.14	20
1,1,2,2-Tetrachloroethane	5.00	5.22	4.95	104	99.0	65.0-130			5.31	20
Tetrachloroethene	5.00	5.17	5.52	103	110	72.0-132			6.55	20
Toluene	5.00	4.77	4.89	95.4	97.8	79.0-120			2.48	20
1,1,1-Trichloroethane	5.00	5.40	5.75	108	115	73.0-124			6.28	20
1,1,2-Trichloroethane	5.00	5.20	5.24	104	105	80.0-120			0.766	20
Trichloroethene	5.00	4.87	5.22	97.4	104	78.0-124			6.94	20
Trichlorofluoromethane	5.00	5.22	5.45	104	109	59.0-147			4.31	20
1,2,3-Trichloropropane	5.00	5.02	5.03	100	101	73.0-130			0.199	20
Vinyl acetate	25.0	28.3	26.2	113	105	11.0-160			7.71	20
Vinyl chloride	5.00	4.34	4.61	86.8	92.2	67.0-131			6.03	20
Xylenes, Total	15.0	14.3	15.4	95.3	103	79.0-123			7.41	20
(S) Toluene-d8				*99.8*	*100*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.9*	*95.0*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*111*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4216024-2 05/13/25 00:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Dibromomethane	U		0.122	1.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

Method Blank (MB)

(MB) R4216024-2 05/13/25 00:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*95.6*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4216024-1 05/12/25 23:35

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	31.1	124	19.0-160	J
Acrylonitrile	25.0	20.7	82.8	55.0-149	
Benzene	5.00	4.62	92.4	70.0-123	
Bromochloromethane	5.00	5.36	107	76.0-122	
Bromodichloromethane	5.00	4.68	93.6	75.0-120	
Bromoform	5.00	4.07	81.4	68.0-132	
Bromomethane	5.00	4.07	81.4	10.0-160	J
Carbon disulfide	5.00	4.10	82.0	61.0-128	
Carbon tetrachloride	5.00	5.04	101	68.0-126	
Chlorobenzene	5.00	4.37	87.4	80.0-121	
Chlorodibromomethane	5.00	4.37	87.4	77.0-125	
Chloroethane	5.00	5.77	115	47.0-150	
Chloroform	5.00	4.57	91.4	73.0-120	J
Chloromethane	5.00	4.85	97.0	41.0-142	
Dibromomethane	5.00	4.89	97.8	80.0-120	
1,2-Dibromoethane	5.00	4.12	82.4	80.0-122	
1,2-Dibromo-3-Chloropropane	5.00	3.44	68.8	58.0-134	J
1,2-Dichlorobenzene	5.00	4.37	87.4	79.0-121	
1,4-Dichlorobenzene	5.00	4.20	84.0	79.0-120	
trans-1,4-Dichloro-2-butene	5.00	2.92	58.4	33.0-144	
1,1-Dichloroethane	5.00	4.46	89.2	70.0-126	
1,2-Dichloroethane	5.00	5.22	104	70.0-128	
1,1-Dichloroethene	5.00	4.39	87.8	71.0-124	

Laboratory Control Sample (LCS)

(LCS) R4216024-1 05/12/25 23:35

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	4.63	92.6	73.0-120	
trans-1,2-Dichloroethene	5.00	4.54	90.8	73.0-120	
1,2-Dichloropropane	5.00	4.53	90.6	77.0-125	
cis-1,3-Dichloropropene	5.00	4.29	85.8	80.0-123	
trans-1,3-Dichloropropene	5.00	3.94	78.8	78.0-124	
Ethylbenzene	5.00	4.32	86.4	79.0-123	
2-Hexanone	25.0	19.4	77.6	67.0-149	
Iodomethane	25.0	25.6	102	33.0-147	
2-Butanone (MEK)	25.0	27.0	108	44.0-160	
Methylene Chloride	5.00	4.42	88.4	67.0-120	J
4-Methyl-2-pentanone (MIBK)	25.0	20.4	81.6	68.0-142	
Styrene	5.00	4.12	82.4	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.27	85.4	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	3.76	75.2	65.0-130	
Tetrachloroethene	5.00	4.47	89.4	72.0-132	
Toluene	5.00	4.09	81.8	79.0-120	
1,1,1-Trichloroethane	5.00	4.88	97.6	73.0-124	
1,1,2-Trichloroethane	5.00	4.12	82.4	80.0-120	
Trichloroethene	5.00	4.96	99.2	78.0-124	
Trichlorofluoromethane	5.00	6.35	127	59.0-147	
1,2,3-Trichloropropane	5.00	4.06	81.2	73.0-130	
Vinyl acetate	25.0	14.8	59.2	11.0-160	
Vinyl chloride	5.00	4.72	94.4	67.0-131	
Xylenes, Total	15.0	12.7	84.7	79.0-123	
(S) Toluene-d8			*93.8*	*80.0-120*	
(S) 4-Bromofluorobenzene			*96.9*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*109*	*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.
ND	Not detected at the Reporting Limit (or MDL where applicable).
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
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
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	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/A: **Legacy Landfill**

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Billing Information:
Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Report to: Melissa Vaught 501-920-9642

Email To: mvaught@olsson.com;mclayton@olsson.com;a

Project Description: **Craighead County - Legacy Landfill**

City/State Collected: Jonesboro AR

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project # **024-01259**

Lab Project # **LEGLDFJAR-CRAIGHEAD**

Collected by (print): Michael Clayton

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 ___ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Pres Chk

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Chloride, Sulfate 125mlHDPE-NoPres	M6010AP1 + Fe, Mn 250mlHDPE-HNO3	TDS 1L-HDPE NoPres	TOC 250mlHDPE-HCl	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-9R2		GW				6	X	X	X	X	X			
MW-14R	Grab	GW		5/7/25	1505	6	X	X	X	X	X			01
MW-16R		GW		~~5/7/25~~ MCL	~~1605~~	6	X	X	X	X	X			
MW-17R		GW		5/8/25	930	6	X	X	X	X	X			02
MW-19		GW		5/8/25	1150	6	X	X	X	X	X			03
MW-20R		GW		5/8/25	1605	6	X	X	X	X	X			04
MW-21		GW		5/6/25	1640	6	X	X	X	X	X			05
MW-22		GW		5/7/25	1115	6	X	X	X	X	X			06
MW-23		GW		5/6/25	1010	6	X	X	X	X	X			07
MW-24		GW		5/6/25	1350	6	X	X	X	X	X			08

* 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 #

Relinquished by : (Signature) Michael Clayton — Date: 5/9/25 — Time: 0930

Received by: (Signature)

Trip Blank Received: Yes / No HCL / MeoH TBR

Relinquished by : (Signature) — Date: — Time:

Received by: (Signature)

Temp: °C Bottles Received: 60

If preservation required by Login: Date/Time

Relinquished by : (Signature) — Date: — Time:

Received for lab by: (Signature) CRoberts — Date: 05/10/25 — Time: 0845

Hold:

Condition: NCF / OK

Sample Receipt Checklist

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

Chain of C

Page 2 of 2

Pace
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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

L1657330

SDG # F186

T:

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1147288**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEX Ground**

Company Name/A

Legacy Landfill

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Billing Information:

Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Pres Chk

Report to:
Melissa Vaught 501-920-9642

Email To:
mvaught@olsson.com;mclayton@olsson.com;a

Project Description:
Craighead County - Legacy Landfill

City/State Collected: Jonesboro AR

Please Circle: PT MT (CT) ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
024-01259

Lab Project #
LEGLDFJAR-CRAIGHEAD

Collected by (print):
Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature):
Immediately
Packed on Ice N ___ Y V

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Chloride, Sulfate 125mlHDPE-NoPres	M6010AP1 + Fe, Mn 250mlHDPE-HNO3	TDS 1L-HDPE NoPres	TOC 250mlHDPE-HCl	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-25	Grab	GW		5/6/25	1450	6	X	X	X	X	X		-10	09
MW-26		GW				1						X		
MW-27R		GW				6	X	X	X	X	X			
MW-28		GW				6	X	X	X	X	X			
MW-29		GW				6	X	X	X	X	X			
LEACHATE BLDG A		GW				6	X	X	X	X	X			
LEACHATE BLDG B		GW				6	X	X	X	X	X			
LEACHATE BLDG C		GW				6	X	X	X	X	X			
MW-14R DUP	Grab	GW		5/7/25	1510	6	X	X	X	X	X		-09	10
EB-1		GW				6	X	X	X	X	X			11

NP 5/10/25

* 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 #

Relinquished by : (Signature) Michael Clayton | Date: 5/9/25 | Time:

Received by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Relinquished by : (Signature) | Date: | Time:

Received by: (Signature)

Temp: °C Bottles Received: 40

If preservation required by Login: Date/Time

Relinquished by : (Signature) | Date: | Time:

Received for lab by: (Signature) CRobert | Date: 05.10.25 | Time: 0845

Hold: | Condition: NCF / OK

Sample Receipt Checklist

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

Chain of C

Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1657[illegible]

Table #

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1147288**
PM: **134 - Mark W. Beasley**
PB:

Shipped Via: **FedEX Ground**

Multiple Parcel Form L# 45X5D

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
4544 7725 3907	TLA9	0.3	0.4	0.7	(Yes) / No / Not Present
4544 7725 3929	TLA9	2.7	0.4	3.1	(Yes) / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

CRODERO
Name

05.10.25
Date

ANALYTICAL REPORT

June 04, 2025

Legacy Landfill

Sample Delivery Group:	L1860472
Samples Received:	05/17/2025
Project Number:	024-01259
Description:	Craighead County - Legacy Landfill

Report To:

Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

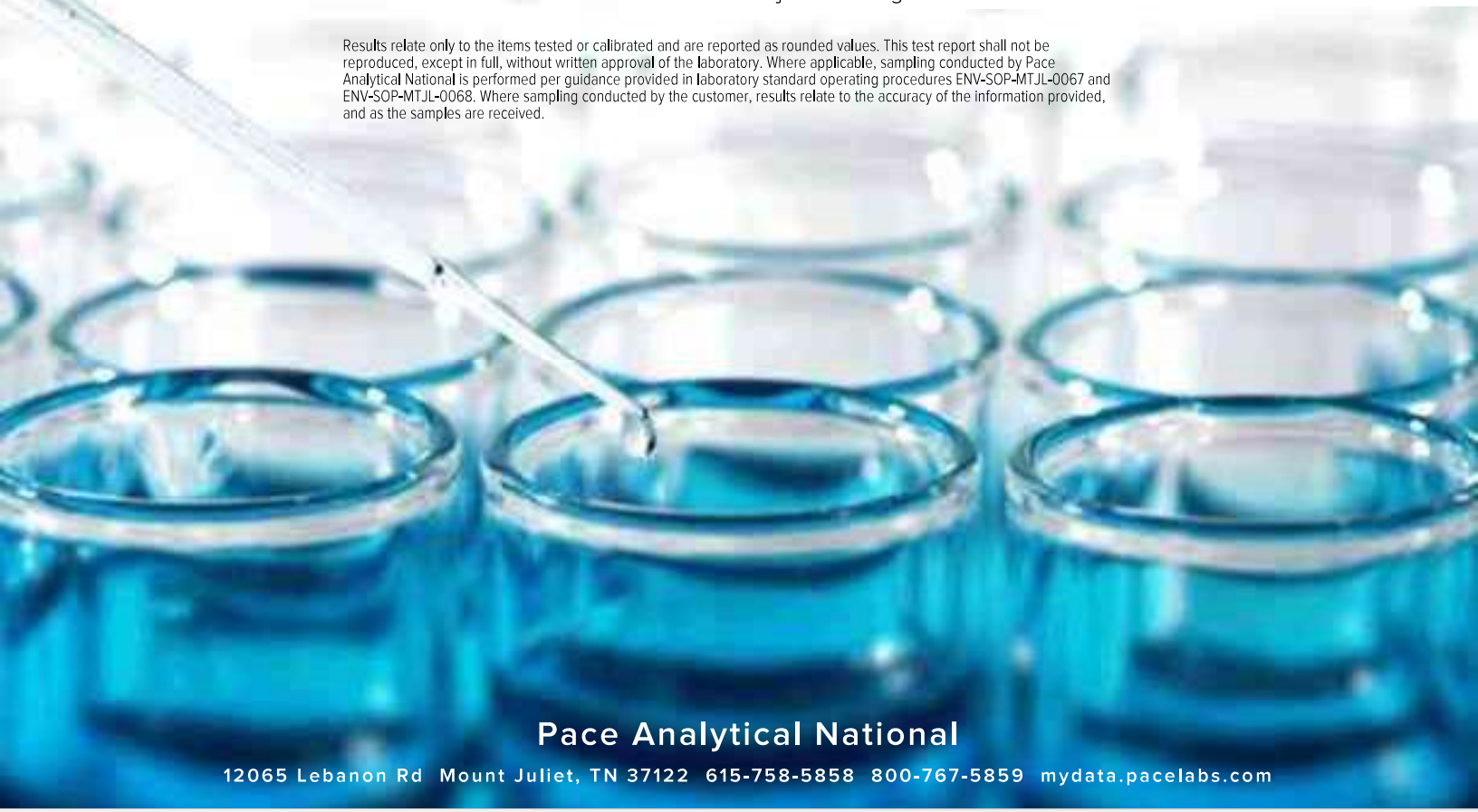


TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 6

Sr: Sample Results 7

MW-9R2 L1860472-01 7

MW-16R L1860472-02 9

MW-26 L1860472-03 11

MW-27R L1860472-04 13

MW-28 L1860472-05 15

MW-29 L1860472-06 17

LEACHATE BLDG A L1860472-07 19

LEACHATE BLDG B L1860472-08 21

LEACHATE BLDG C L1860472-09 23

EB-1 L1860472-10 25

TRIPBLANK L1860472-11 27

Qc: Quality Control Summary 28

Gravimetric Analysis by Method 2540 C-2011 28

Wet Chemistry by Method 9056A 31

Wet Chemistry by Method 9060A 35

Metals (ICPMS) by Method 6020B 38

Volatile Organic Compounds (GC/MS) by Method 8260B 45

Gl: Glossary of Terms 54

Al: Accreditations & Locations 56

Sc: Sample Chain of Custody 57

MW-9R2 L1860472-01

Collected by: Michael Clayton | Collected date/time: 05/15/25 11:15 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2523900	1	05/26/25 13:04	05/26/25 15:38	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518186	1	05/27/25 21:37	05/27/25 21:37	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2518948	1	05/23/25 04:49	05/23/25 04:49	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	1	05/26/25 14:56	05/30/25 02:47	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520014	1	05/21/25 14:53	05/21/25 14:53	JHH	Mt. Juliet, TN

MW-16R L1860472-02

Collected by: Michael Clayton | Collected date/time: 05/15/25 09:30 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520212	1	05/21/25 13:08	05/22/25 14:40	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518186	1	05/27/25 21:50	05/27/25 21:50	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2518948	1	05/23/25 05:08	05/23/25 05:08	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	1	05/26/25 14:56	05/30/25 02:50	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	5	05/26/25 14:56	05/30/25 11:40	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520014	1	05/21/25 15:12	05/21/25 15:12	JHH	Mt. Juliet, TN

MW-26 L1860472-03

Collected by: Michael Clayton | Collected date/time: 05/15/25 14:20 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520881	1	05/22/25 14:09	05/22/25 17:29	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518186	1	05/27/25 22:03	05/27/25 22:03	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2518948	1	05/23/25 05:30	05/23/25 05:30	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	1	05/26/25 14:56	05/30/25 02:53	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	5	05/26/25 14:56	05/30/25 11:43	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520014	1	05/21/25 15:31	05/21/25 15:31	JHH	Mt. Juliet, TN

MW-27R L1860472-04

Collected by: Michael Clayton | Collected date/time: 05/15/25 12:55 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520881	1	05/22/25 14:09	05/22/25 17:29	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	1	05/27/25 21:52	05/27/25 21:52	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2518948	1	05/23/25 05:50	05/23/25 05:50	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	1	05/26/25 14:56	05/30/25 02:57	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	5	05/26/25 14:56	05/30/25 11:46	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520014	1	05/21/25 15:51	05/21/25 15:51	JHH	Mt. Juliet, TN

MW-28 L1860472-05

Collected by: Michael Clayton | Collected date/time: 05/16/25 11:05 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520881	1	05/22/25 14:09	05/22/25 17:29	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	1	05/27/25 22:04	05/27/25 22:04	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2518948	20	05/23/25 06:09	05/23/25 06:09	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	1	05/26/25 14:56	05/30/25 03:06	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	5	05/26/25 14:56	05/30/25 11:49	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2522802	1	05/25/25 13:54	05/25/25 13:54	DYW	Mt. Juliet, TN

MW-29 L1860472-06

Collected by: Michael Clayton | Collected date/time: 05/16/25 09:35 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520881	1	05/22/25 14:09	05/22/25 17:29	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	1	05/27/25 22:17	05/27/25 22:17	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2519021	1	05/20/25 16:49	05/20/25 16:49	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	1	05/26/25 14:56	05/30/25 03:09	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	5	05/26/25 14:56	05/30/25 11:52	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520014	1	05/21/25 16:10	05/21/25 16:10	JHH	Mt. Juliet, TN

LEACHATE BLDG A L1860472-07

Collected by: Michael Clayton | Collected date/time: 05/16/25 12:10 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520881	1	05/22/25 14:09	05/22/25 17:29	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	10	05/27/25 22:30	05/27/25 22:30	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	50	05/27/25 22:42	05/27/25 22:42	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2519021	20	05/20/25 17:54	05/20/25 17:54	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2524244	9	05/27/25 17:01	05/28/25 18:33	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520014	10	05/21/25 18:28	05/21/25 18:28	JHH	Mt. Juliet, TN

LEACHATE BLDG B L1860472-08

Collected by: Michael Clayton | Collected date/time: 05/16/25 12:30 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520881	1	05/22/25 14:09	05/22/25 17:29	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	10	05/27/25 22:55	05/27/25 22:55	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2521000	1	05/22/25 22:18	05/22/25 22:18	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523703	1	05/26/25 14:56	05/30/25 03:12	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520014	1	05/21/25 16:29	05/21/25 16:29	JHH	Mt. Juliet, TN

LEACHATE BLDG C L1860472-09

Collected by: Michael Clayton | Collected date/time: 05/16/25 13:00 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520212	1	05/21/25 13:08	05/22/25 14:40	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	10	05/27/25 23:07	05/27/25 23:07	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	50	05/27/25 23:20	05/27/25 23:20	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2521000	20	05/22/25 22:40	05/22/25 22:40	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2524244	9	05/27/25 17:01	05/28/25 18:36	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2527249	1	05/31/25 19:16	06/02/25 01:28	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520014	1	05/21/25 17:49	05/21/25 17:49	JHH	Mt. Juliet, TN

EB-1 L1860472-10

Collected by: Michael Clayton | Collected date/time: 05/16/25 11:50 | Received date/time: 05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2520212	1	05/21/25 13:08	05/22/25 14:40	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2518187	1	05/27/25 23:58	05/27/25 23:58	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2521000	1	05/22/25 22:55	05/22/25 22:55	AF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2523707	1	05/26/25 19:31	05/29/25 23:58	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520034	1	05/21/25 22:39	05/21/25 22:39	JHH	Mt. Juliet, TN

SAMPLE SUMMARY

TRIPBLANK L1860472-11

Collected by	Collected date/time	Received date/time
Michael Clayton	05/15/25 00:00	05/17/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520034	1	05/21/25 20:24	05/21/25 20:24	JHH	Mt. Juliet, TN

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.



Mark W. Beasley
Project Manager

Sample Delivery Group (SDG) Narrative

The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.

Lab Sample ID	Project Sample ID	Method
L1860472-02	MW-16R	9060A
L1860472-07	LEACHATE BLDG A	9060A
L1860472-09	LEACHATE BLDG C	9060A

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	229000	Q	10000	1	05/26/2025 15:38	WG2523900

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	4560		547	1000	1	05/27/2025 21:37	WG2518186
Sulfate	9190		637	5000	1	05/27/2025 21:37	WG2518186

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	913	J	495	1000	1	05/23/2025 04:49	WG2518948

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/30/2025 02:47	WG2523703
Arsenic	1.29	J	0.120	2.00	1	05/30/2025 02:47	WG2523703
Barium	112		0.500	2.00	1	05/30/2025 02:47	WG2523703
Beryllium	U		0.200	2.00	1	05/30/2025 02:47	WG2523703
Cadmium	U		0.120	1.00	1	05/30/2025 02:47	WG2523703
Chromium	U		0.900	2.00	1	05/30/2025 02:47	WG2523703
Copper	U		0.700	5.00	1	05/30/2025 02:47	WG2523703
Cobalt	U		0.100	2.00	1	05/30/2025 02:47	WG2523703
Iron	828		22.6	100	1	05/30/2025 02:47	WG2523703
Lead	U		0.500	2.00	1	05/30/2025 02:47	WG2523703
Manganese	386		0.700	5.00	1	05/30/2025 02:47	WG2523703
Nickel	U		0.500	2.00	1	05/30/2025 02:47	WG2523703
Selenium	U		0.250	2.00	1	05/30/2025 02:47	WG2523703
Silver	U		0.110	2.00	1	05/30/2025 02:47	WG2523703
Thallium	U		0.130	2.00	1	05/30/2025 02:47	WG2523703
Vanadium	U		0.520	5.00	1	05/30/2025 02:47	WG2523703
Zinc	15.3	B J	4.00	25.0	1	05/30/2025 02:47	WG2523703

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	50.0	1	05/21/2025 14:53	WG2520014
Acrylonitrile	U		0.671	10.0	1	05/21/2025 14:53	WG2520014
Benzene	U		0.0941	1.00	1	05/21/2025 14:53	WG2520014
Bromochloromethane	U		0.128	1.00	1	05/21/2025 14:53	WG2520014
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 14:53	WG2520014
Bromoform	U		0.129	1.00	1	05/21/2025 14:53	WG2520014
Bromomethane	U	J4	0.605	5.00	1	05/21/2025 14:53	WG2520014
Carbon disulfide	U		0.0962	1.00	1	05/21/2025 14:53	WG2520014
Carbon tetrachloride	U		0.128	1.00	1	05/21/2025 14:53	WG2520014
Chlorobenzene	U		0.116	1.00	1	05/21/2025 14:53	WG2520014
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 14:53	WG2520014
Chloroethane	U		0.192	5.00	1	05/21/2025 14:53	WG2520014
Chloroform	U		0.111	5.00	1	05/21/2025 14:53	WG2520014
Chloromethane	U		0.960	2.50	1	05/21/2025 14:53	WG2520014
Dibromomethane	U		0.122	1.00	1	05/21/2025 14:53	WG2520014
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 14:53	WG2520014
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 14:53	WG2520014

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 14:53	WG2520014
1,4-Dichlorobenzene	U		0.120	1.00	1	05/21/2025 14:53	WG2520014
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 14:53	WG2520014
1,1-Dichloroethane	U		0.100	1.00	1	05/21/2025 14:53	WG2520014
1,2-Dichloroethane	U		0.0819	1.00	1	05/21/2025 14:53	WG2520014
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 14:53	WG2520014
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/21/2025 14:53	WG2520014
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/21/2025 14:53	WG2520014
1,2-Dichloropropane	U		0.149	1.00	1	05/21/2025 14:53	WG2520014
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 14:53	WG2520014
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 14:53	WG2520014
Ethylbenzene	U		0.137	1.00	1	05/21/2025 14:53	WG2520014
2-Hexanone	U		0.787	10.0	1	05/21/2025 14:53	WG2520014
Iodomethane	U		6.00	10.0	1	05/21/2025 14:53	WG2520014
2-Butanone (MEK)	U		1.19	10.0	1	05/21/2025 14:53	WG2520014
Methylene Chloride	U		0.430	5.00	1	05/21/2025 14:53	WG2520014
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/21/2025 14:53	WG2520014
Styrene	U		0.118	1.00	1	05/21/2025 14:53	WG2520014
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 14:53	WG2520014
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 14:53	WG2520014
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 14:53	WG2520014
Toluene	U		0.278	1.00	1	05/21/2025 14:53	WG2520014
1,1,1-Trichloroethane	U		0.149	1.00	1	05/21/2025 14:53	WG2520014
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 14:53	WG2520014
Trichloroethene	U		0.190	1.00	1	05/21/2025 14:53	WG2520014
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 14:53	WG2520014
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 14:53	WG2520014
Vinyl acetate	U		0.692	10.0	1	05/21/2025 14:53	WG2520014
Vinyl chloride	U		0.234	1.00	1	05/21/2025 14:53	WG2520014
Xylenes, Total	U		0.174	3.00	1	05/21/2025 14:53	WG2520014
(S) Toluene-d8	*102*			*80.0-120*		*05/21/2025 14:53*	WG2520014
(S) 4-Bromofluorobenzene	*97.0*			*77.0-126*		*05/21/2025 14:53*	WG2520014
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*05/21/2025 14:53*	WG2520014

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	349000	B	10000	1	05/22/2025 14:40	WG2520212

Sample Narrative:

L1860472-02 WG2520212: Duplicate Analysis performed due to Blank contamination. Results confirm; reporting in-hold data.

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	9100		547	1000	1	05/27/2025 21:50	WG2518186
Sulfate	23300		637	5000	1	05/27/2025 21:50	WG2518186

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	782	J	495	1000	1	05/23/2025 05:08	WG2518948

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/30/2025 02:50	WG2523703
Arsenic	1.01	J	0.120	2.00	1	05/30/2025 02:50	WG2523703
Barium	123		0.500	2.00	1	05/30/2025 02:50	WG2523703
Beryllium	U		0.200	2.00	1	05/30/2025 02:50	WG2523703
Cadmium	U		0.120	1.00	1	05/30/2025 02:50	WG2523703
Chromium	U		0.900	2.00	1	05/30/2025 02:50	WG2523703
Copper	2.63	J	0.700	5.00	1	05/30/2025 02:50	WG2523703
Cobalt	U		0.100	2.00	1	05/30/2025 02:50	WG2523703
Iron	832		22.6	100	1	05/30/2025 02:50	WG2523703
Lead	0.539	B J	0.500	2.00	1	05/30/2025 02:50	WG2523703
Manganese	660		3.50	25.0	5	05/30/2025 11:40	WG2523703
Nickel	U		0.500	2.00	1	05/30/2025 02:50	WG2523703
Selenium	U		0.250	2.00	1	05/30/2025 02:50	WG2523703
Silver	U		0.110	2.00	1	05/30/2025 02:50	WG2523703
Thallium	U		0.130	2.00	1	05/30/2025 02:50	WG2523703
Vanadium	U		0.520	5.00	1	05/30/2025 02:50	WG2523703
Zinc	5.97	B J	4.00	25.0	1	05/30/2025 02:50	WG2523703

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	50.0	1	05/21/2025 15:12	WG2520014
Acrylonitrile	U		0.671	10.0	1	05/21/2025 15:12	WG2520014
Benzene	U		0.0941	1.00	1	05/21/2025 15:12	WG2520014
Bromochloromethane	U		0.128	1.00	1	05/21/2025 15:12	WG2520014
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 15:12	WG2520014
Bromoform	U		0.129	1.00	1	05/21/2025 15:12	WG2520014
Bromomethane	U	J4	0.605	5.00	1	05/21/2025 15:12	WG2520014
Carbon disulfide	U		0.0962	1.00	1	05/21/2025 15:12	WG2520014
Carbon tetrachloride	U		0.128	1.00	1	05/21/2025 15:12	WG2520014
Chlorobenzene	U		0.116	1.00	1	05/21/2025 15:12	WG2520014
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 15:12	WG2520014
Chloroethane	U		0.192	5.00	1	05/21/2025 15:12	WG2520014
Chloroform	U		0.111	5.00	1	05/21/2025 15:12	WG2520014
Chloromethane	U		0.960	2.50	1	05/21/2025 15:12	WG2520014

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Dibromomethane	U		0.122	1.00	1	05/21/2025 15:12	WG2520014
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 15:12	WG2520014
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 15:12	WG2520014
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 15:12	WG2520014
1,4-Dichlorobenzene	U		0.120	1.00	1	05/21/2025 15:12	WG2520014
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 15:12	WG2520014
1,1-Dichloroethane	U		0.100	1.00	1	05/21/2025 15:12	WG2520014
1,2-Dichloroethane	U		0.0819	1.00	1	05/21/2025 15:12	WG2520014
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 15:12	WG2520014
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/21/2025 15:12	WG2520014
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/21/2025 15:12	WG2520014
1,2-Dichloropropane	U		0.149	1.00	1	05/21/2025 15:12	WG2520014
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 15:12	WG2520014
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 15:12	WG2520014
Ethylbenzene	U		0.137	1.00	1	05/21/2025 15:12	WG2520014
2-Hexanone	U		0.787	10.0	1	05/21/2025 15:12	WG2520014
Iodomethane	U		6.00	10.0	1	05/21/2025 15:12	WG2520014
2-Butanone (MEK)	U		1.19	10.0	1	05/21/2025 15:12	WG2520014
Methylene Chloride	U		0.430	5.00	1	05/21/2025 15:12	WG2520014
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/21/2025 15:12	WG2520014
Styrene	U		0.118	1.00	1	05/21/2025 15:12	WG2520014
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 15:12	WG2520014
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 15:12	WG2520014
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 15:12	WG2520014
Toluene	U		0.278	1.00	1	05/21/2025 15:12	WG2520014
1,1,1-Trichloroethane	U		0.149	1.00	1	05/21/2025 15:12	WG2520014
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 15:12	WG2520014
Trichloroethene	U		0.190	1.00	1	05/21/2025 15:12	WG2520014
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 15:12	WG2520014
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 15:12	WG2520014
Vinyl acetate	U		0.692	10.0	1	05/21/2025 15:12	WG2520014
Vinyl chloride	U		0.234	1.00	1	05/21/2025 15:12	WG2520014
Xylenes, Total	U		0.174	3.00	1	05/21/2025 15:12	WG2520014
(S) Toluene-d8	*103*			*80.0-120*		*05/21/2025 15:12*	WG2520014
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*		*05/21/2025 15:12*	WG2520014
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*05/21/2025 15:12*	WG2520014

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	332000		10000	1	05/22/2025 17:29	WG2520881

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	6920		547	1000	1	05/27/2025 22:03	WG2518186
Sulfate	16900		637	5000	1	05/27/2025 22:03	WG2518186

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	715	J	495	1000	1	05/23/2025 05:30	WG2518948

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/30/2025 02:53	WG2523703
Arsenic	1.15	J	0.120	2.00	1	05/30/2025 02:53	WG2523703
Barium	143		0.500	2.00	1	05/30/2025 02:53	WG2523703
Beryllium	U		0.200	2.00	1	05/30/2025 02:53	WG2523703
Cadmium	U		0.120	1.00	1	05/30/2025 02:53	WG2523703
Chromium	U		0.900	2.00	1	05/30/2025 02:53	WG2523703
Copper	U		0.700	5.00	1	05/30/2025 02:53	WG2523703
Cobalt	U		0.100	2.00	1	05/30/2025 02:53	WG2523703
Iron	2110		22.6	100	1	05/30/2025 02:53	WG2523703
Lead	0.657	B J	0.500	2.00	1	05/30/2025 02:53	WG2523703
Manganese	520		3.50	25.0	5	05/30/2025 11:43	WG2523703
Nickel	U		0.500	2.00	1	05/30/2025 02:53	WG2523703
Selenium	U		0.250	2.00	1	05/30/2025 02:53	WG2523703
Silver	U		0.110	2.00	1	05/30/2025 02:53	WG2523703
Thallium	U		0.130	2.00	1	05/30/2025 02:53	WG2523703
Vanadium	U		0.520	5.00	1	05/30/2025 02:53	WG2523703
Zinc	U		4.00	25.0	1	05/30/2025 02:53	WG2523703

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	50.0	1	05/21/2025 15:31	WG2520014
Acrylonitrile	U		0.671	10.0	1	05/21/2025 15:31	WG2520014
Benzene	U		0.0941	1.00	1	05/21/2025 15:31	WG2520014
Bromochloromethane	U		0.128	1.00	1	05/21/2025 15:31	WG2520014
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 15:31	WG2520014
Bromoform	U		0.129	1.00	1	05/21/2025 15:31	WG2520014
Bromomethane	U	J4	0.605	5.00	1	05/21/2025 15:31	WG2520014
Carbon disulfide	U		0.0962	1.00	1	05/21/2025 15:31	WG2520014
Carbon tetrachloride	U		0.128	1.00	1	05/21/2025 15:31	WG2520014
Chlorobenzene	U		0.116	1.00	1	05/21/2025 15:31	WG2520014
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 15:31	WG2520014
Chloroethane	U		0.192	5.00	1	05/21/2025 15:31	WG2520014
Chloroform	U		0.111	5.00	1	05/21/2025 15:31	WG2520014
Chloromethane	U		0.960	2.50	1	05/21/2025 15:31	WG2520014
Dibromomethane	U		0.122	1.00	1	05/21/2025 15:31	WG2520014
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 15:31	WG2520014
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 15:31	WG2520014

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 15:31	WG2520014
1,4-Dichlorobenzene	U		0.120	1.00	1	05/21/2025 15:31	WG2520014
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 15:31	WG2520014
1,1-Dichloroethane	U		0.100	1.00	1	05/21/2025 15:31	WG2520014
1,2-Dichloroethane	U		0.0819	1.00	1	05/21/2025 15:31	WG2520014
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 15:31	WG2520014
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/21/2025 15:31	WG2520014
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/21/2025 15:31	WG2520014
1,2-Dichloropropane	U		0.149	1.00	1	05/21/2025 15:31	WG2520014
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 15:31	WG2520014
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 15:31	WG2520014
Ethylbenzene	U		0.137	1.00	1	05/21/2025 15:31	WG2520014
2-Hexanone	U		0.787	10.0	1	05/21/2025 15:31	WG2520014
Iodomethane	U		6.00	10.0	1	05/21/2025 15:31	WG2520014
2-Butanone (MEK)	U		1.19	10.0	1	05/21/2025 15:31	WG2520014
Methylene Chloride	U		0.430	5.00	1	05/21/2025 15:31	WG2520014
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/21/2025 15:31	WG2520014
Styrene	U		0.118	1.00	1	05/21/2025 15:31	WG2520014
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 15:31	WG2520014
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 15:31	WG2520014
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 15:31	WG2520014
Toluene	U		0.278	1.00	1	05/21/2025 15:31	WG2520014
1,1,1-Trichloroethane	U		0.149	1.00	1	05/21/2025 15:31	WG2520014
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 15:31	WG2520014
Trichloroethene	U		0.190	1.00	1	05/21/2025 15:31	WG2520014
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 15:31	WG2520014
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 15:31	WG2520014
Vinyl acetate	U		0.692	10.0	1	05/21/2025 15:31	WG2520014
Vinyl chloride	U		0.234	1.00	1	05/21/2025 15:31	WG2520014
Xylenes, Total	U		0.174	3.00	1	05/21/2025 15:31	WG2520014
(S) Toluene-d8	*101*			*80.0-120*		*05/21/2025 15:31*	WG2520014
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*05/21/2025 15:31*	WG2520014
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*05/21/2025 15:31*	WG2520014

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	416000		10000	1	05/22/2025 17:29	WG2520881

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	10900		547	1000	1	05/27/2025 21:52	WG2518187
Sulfate	19800		637	5000	1	05/27/2025 21:52	WG2518187

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	816	J	495	1000	1	05/23/2025 05:50	WG2518948

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/30/2025 02:57	WG2523703
Arsenic	0.776	J	0.120	2.00	1	05/30/2025 02:57	WG2523703
Barium	211		0.500	2.00	1	05/30/2025 02:57	WG2523703
Beryllium	U		0.200	2.00	1	05/30/2025 02:57	WG2523703
Cadmium	U		0.120	1.00	1	05/30/2025 02:57	WG2523703
Chromium	U		0.900	2.00	1	05/30/2025 02:57	WG2523703
Copper	11.7		0.700	5.00	1	05/30/2025 02:57	WG2523703
Cobalt	0.151	J	0.100	2.00	1	05/30/2025 02:57	WG2523703
Iron	4570		113	500	5	05/30/2025 11:46	WG2523703
Lead	0.529	B J	0.500	2.00	1	05/30/2025 02:57	WG2523703
Manganese	573		3.50	25.0	5	05/30/2025 11:46	WG2523703
Nickel	U		0.500	2.00	1	05/30/2025 02:57	WG2523703
Selenium	U		0.250	2.00	1	05/30/2025 02:57	WG2523703
Silver	U		0.110	2.00	1	05/30/2025 02:57	WG2523703
Thallium	U		0.130	2.00	1	05/30/2025 02:57	WG2523703
Vanadium	U		0.520	5.00	1	05/30/2025 02:57	WG2523703
Zinc	7.37	B J	4.00	25.0	1	05/30/2025 02:57	WG2523703

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	50.0	1	05/21/2025 15:51	WG2520014
Acrylonitrile	U		0.671	10.0	1	05/21/2025 15:51	WG2520014
Benzene	U		0.0941	1.00	1	05/21/2025 15:51	WG2520014
Bromochloromethane	U		0.128	1.00	1	05/21/2025 15:51	WG2520014
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 15:51	WG2520014
Bromoform	U		0.129	1.00	1	05/21/2025 15:51	WG2520014
Bromomethane	U	J4	0.605	5.00	1	05/21/2025 15:51	WG2520014
Carbon disulfide	U		0.0962	1.00	1	05/21/2025 15:51	WG2520014
Carbon tetrachloride	U		0.128	1.00	1	05/21/2025 15:51	WG2520014
Chlorobenzene	U		0.116	1.00	1	05/21/2025 15:51	WG2520014
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 15:51	WG2520014
Chloroethane	U		0.192	5.00	1	05/21/2025 15:51	WG2520014
Chloroform	U		0.111	5.00	1	05/21/2025 15:51	WG2520014
Chloromethane	U		0.960	2.50	1	05/21/2025 15:51	WG2520014
Dibromomethane	U		0.122	1.00	1	05/21/2025 15:51	WG2520014
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 15:51	WG2520014
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 15:51	WG2520014

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 15:51	WG2520014
1,4-Dichlorobenzene	U		0.120	1.00	1	05/21/2025 15:51	WG2520014
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 15:51	WG2520014
1,1-Dichloroethane	0.312	J	0.100	1.00	1	05/21/2025 15:51	WG2520014
1,2-Dichloroethane	U		0.0819	1.00	1	05/21/2025 15:51	WG2520014
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 15:51	WG2520014
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/21/2025 15:51	WG2520014
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/21/2025 15:51	WG2520014
1,2-Dichloropropane	U		0.149	1.00	1	05/21/2025 15:51	WG2520014
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 15:51	WG2520014
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 15:51	WG2520014
Ethylbenzene	U		0.137	1.00	1	05/21/2025 15:51	WG2520014
2-Hexanone	U		0.787	10.0	1	05/21/2025 15:51	WG2520014
Iodomethane	U		6.00	10.0	1	05/21/2025 15:51	WG2520014
2-Butanone (MEK)	U		1.19	10.0	1	05/21/2025 15:51	WG2520014
Methylene Chloride	U		0.430	5.00	1	05/21/2025 15:51	WG2520014
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/21/2025 15:51	WG2520014
Styrene	U		0.118	1.00	1	05/21/2025 15:51	WG2520014
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 15:51	WG2520014
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 15:51	WG2520014
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 15:51	WG2520014
Toluene	U		0.278	1.00	1	05/21/2025 15:51	WG2520014
1,1,1-Trichloroethane	U		0.149	1.00	1	05/21/2025 15:51	WG2520014
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 15:51	WG2520014
Trichloroethene	U		0.190	1.00	1	05/21/2025 15:51	WG2520014
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 15:51	WG2520014
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 15:51	WG2520014
Vinyl acetate	U		0.692	10.0	1	05/21/2025 15:51	WG2520014
Vinyl chloride	U		0.234	1.00	1	05/21/2025 15:51	WG2520014
Xylenes, Total	U		0.174	3.00	1	05/21/2025 15:51	WG2520014
(S) Toluene-d8	*102*			*80.0-120*		*05/21/2025 15:51*	WG2520014
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*05/21/2025 15:51*	WG2520014
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*05/21/2025 15:51*	WG2520014

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	357000		10000	1	05/22/2025 17:29	WG2520881

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	7810		547	1000	1	05/27/2025 22:04	WG2518187
Sulfate	15400		637	5000	1	05/27/2025 22:04	WG2518187

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	20900		9900	20000	20	05/23/2025 06:09	WG2518948

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	0.355	B J	0.310	4.00	1	05/30/2025 03:06	WG2523703
Arsenic	1.21	J	0.120	2.00	1	05/30/2025 03:06	WG2523703
Barium	185		0.500	2.00	1	05/30/2025 03:06	WG2523703
Beryllium	U		0.200	2.00	1	05/30/2025 03:06	WG2523703
Cadmium	U		0.120	1.00	1	05/30/2025 03:06	WG2523703
Chromium	1.93	J	0.900	2.00	1	05/30/2025 03:06	WG2523703
Copper	35.3		0.700	5.00	1	05/30/2025 03:06	WG2523703
Cobalt	0.915	J	0.100	2.00	1	05/30/2025 03:06	WG2523703
Iron	6800		113	500	5	05/30/2025 11:49	WG2523703
Lead	1.94	B J	0.500	2.00	1	05/30/2025 03:06	WG2523703
Manganese	842		3.50	25.0	5	05/30/2025 11:49	WG2523703
Nickel	2.28		0.500	2.00	1	05/30/2025 03:06	WG2523703
Selenium	U		0.250	2.00	1	05/30/2025 03:06	WG2523703
Silver	U		0.110	2.00	1	05/30/2025 03:06	WG2523703
Thallium	U		0.130	2.00	1	05/30/2025 03:06	WG2523703
Vanadium	3.00	J	0.520	5.00	1	05/30/2025 03:06	WG2523703
Zinc	18.9	B J	4.00	25.0	1	05/30/2025 03:06	WG2523703

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	11.3	50.0	1	05/25/2025 13:54	WG2522802
Acrylonitrile	U		0.671	10.0	1	05/25/2025 13:54	WG2522802
Benzene	U		0.0941	1.00	1	05/25/2025 13:54	WG2522802
Bromochloromethane	U		0.128	1.00	1	05/25/2025 13:54	WG2522802
Bromodichloromethane	U		0.136	1.00	1	05/25/2025 13:54	WG2522802
Bromoform	U		0.129	1.00	1	05/25/2025 13:54	WG2522802
Bromomethane	U	C3	0.605	5.00	1	05/25/2025 13:54	WG2522802
Carbon disulfide	0.212	B J	0.0962	1.00	1	05/25/2025 13:54	WG2522802
Carbon tetrachloride	U		0.128	1.00	1	05/25/2025 13:54	WG2522802
Chlorobenzene	U		0.116	1.00	1	05/25/2025 13:54	WG2522802
Chlorodibromomethane	U		0.140	1.00	1	05/25/2025 13:54	WG2522802
Chloroethane	U		0.192	5.00	1	05/25/2025 13:54	WG2522802
Chloroform	U	J4	0.111	5.00	1	05/25/2025 13:54	WG2522802
Chloromethane	U		0.960	2.50	1	05/25/2025 13:54	WG2522802
Dibromomethane	U		0.122	1.00	1	05/25/2025 13:54	WG2522802
1,2-Dibromoethane	U		0.126	1.00	1	05/25/2025 13:54	WG2522802
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/25/2025 13:54	WG2522802

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichlorobenzene	U		0.107	1.00	1	05/25/2025 13:54	WG2522802
1,4-Dichlorobenzene	U		0.120	1.00	1	05/25/2025 13:54	WG2522802
trans-1,4-Dichloro-2-butene	U	C3 J3	0.467	2.50	1	05/25/2025 13:54	WG2522802
1,1-Dichloroethane	0.129	J	0.100	1.00	1	05/25/2025 13:54	WG2522802
1,2-Dichloroethane	U		0.0819	1.00	1	05/25/2025 13:54	WG2522802
1,1-Dichloroethene	U		0.188	1.00	1	05/25/2025 13:54	WG2522802
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/25/2025 13:54	WG2522802
trans-1,2-Dichloroethene	U	J4	0.149	1.00	1	05/25/2025 13:54	WG2522802
1,2-Dichloropropane	U		0.149	1.00	1	05/25/2025 13:54	WG2522802
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/25/2025 13:54	WG2522802
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/25/2025 13:54	WG2522802
Ethylbenzene	U		0.137	1.00	1	05/25/2025 13:54	WG2522802
2-Hexanone	U		0.787	10.0	1	05/25/2025 13:54	WG2522802
Iodomethane	U	C3	6.00	10.0	1	05/25/2025 13:54	WG2522802
2-Butanone (MEK)	U		1.19	10.0	1	05/25/2025 13:54	WG2522802
Methylene Chloride	U		0.430	5.00	1	05/25/2025 13:54	WG2522802
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/25/2025 13:54	WG2522802
Styrene	U		0.118	1.00	1	05/25/2025 13:54	WG2522802
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/25/2025 13:54	WG2522802
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/25/2025 13:54	WG2522802
Tetrachloroethene	U		0.300	1.00	1	05/25/2025 13:54	WG2522802
Toluene	U		0.278	1.00	1	05/25/2025 13:54	WG2522802
1,1,1-Trichloroethane	U		0.149	1.00	1	05/25/2025 13:54	WG2522802
1,1,2-Trichloroethane	U		0.158	1.00	1	05/25/2025 13:54	WG2522802
Trichloroethene	U	J4	0.190	1.00	1	05/25/2025 13:54	WG2522802
Trichlorofluoromethane	U		0.160	5.00	1	05/25/2025 13:54	WG2522802
1,2,3-Trichloropropane	U		0.237	2.50	1	05/25/2025 13:54	WG2522802
Vinyl acetate	U		0.692	10.0	1	05/25/2025 13:54	WG2522802
Vinyl chloride	U		0.234	1.00	1	05/25/2025 13:54	WG2522802
Xylenes, Total	U		0.174	3.00	1	05/25/2025 13:54	WG2522802
(S) Toluene-d8	*102*			*80.0-120*		*05/25/2025 13:54*	WG2522802
(S) 4-Bromofluorobenzene	*97.3*			*77.0-126*		*05/25/2025 13:54*	WG2522802
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*05/25/2025 13:54*	WG2522802

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	458000		10000	1	05/22/2025 17:29	WG2520881

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	15300		547	1000	1	05/27/2025 22:17	WG2518187
Sulfate	48900		637	5000	1	05/27/2025 22:17	WG2518187

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1330		495	1000	1	05/20/2025 16:49	WG2519021

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/30/2025 03:09	WG2523703
Arsenic	0.522	J	0.120	2.00	1	05/30/2025 03:09	WG2523703
Barium	289		0.500	2.00	1	05/30/2025 03:09	WG2523703
Beryllium	U		0.200	2.00	1	05/30/2025 03:09	WG2523703
Cadmium	U		0.120	1.00	1	05/30/2025 03:09	WG2523703
Chromium	U		0.900	2.00	1	05/30/2025 03:09	WG2523703
Copper	U		0.700	5.00	1	05/30/2025 03:09	WG2523703
Cobalt	U		0.100	2.00	1	05/30/2025 03:09	WG2523703
Iron	4390		113	500	5	05/30/2025 11:52	WG2523703
Lead	U		0.500	2.00	1	05/30/2025 03:09	WG2523703
Manganese	569		3.50	25.0	5	05/30/2025 11:52	WG2523703
Nickel	1.28	J	0.500	2.00	1	05/30/2025 03:09	WG2523703
Selenium	U		0.250	2.00	1	05/30/2025 03:09	WG2523703
Silver	U		0.110	2.00	1	05/30/2025 03:09	WG2523703
Thallium	U		0.130	2.00	1	05/30/2025 03:09	WG2523703
Vanadium	U		0.520	5.00	1	05/30/2025 03:09	WG2523703
Zinc	5.77	B J	4.00	25.0	1	05/30/2025 03:09	WG2523703

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	50.0	1	05/21/2025 16:10	WG2520014
Acrylonitrile	U		0.671	10.0	1	05/21/2025 16:10	WG2520014
Benzene	U		0.0941	1.00	1	05/21/2025 16:10	WG2520014
Bromochloromethane	U		0.128	1.00	1	05/21/2025 16:10	WG2520014
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 16:10	WG2520014
Bromoform	U		0.129	1.00	1	05/21/2025 16:10	WG2520014
Bromomethane	U	J4	0.605	5.00	1	05/21/2025 16:10	WG2520014
Carbon disulfide	U		0.0962	1.00	1	05/21/2025 16:10	WG2520014
Carbon tetrachloride	U		0.128	1.00	1	05/21/2025 16:10	WG2520014
Chlorobenzene	U		0.116	1.00	1	05/21/2025 16:10	WG2520014
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 16:10	WG2520014
Chloroethane	U		0.192	5.00	1	05/21/2025 16:10	WG2520014
Chloroform	U		0.111	5.00	1	05/21/2025 16:10	WG2520014
Chloromethane	U		0.960	2.50	1	05/21/2025 16:10	WG2520014
Dibromomethane	U		0.122	1.00	1	05/21/2025 16:10	WG2520014
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 16:10	WG2520014
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 16:10	WG2520014

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 16:10	WG2520014
1,4-Dichlorobenzene	U		0.120	1.00	1	05/21/2025 16:10	WG2520014
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 16:10	WG2520014
1,1-Dichloroethane	U		0.100	1.00	1	05/21/2025 16:10	WG2520014
1,2-Dichloroethane	U		0.0819	1.00	1	05/21/2025 16:10	WG2520014
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 16:10	WG2520014
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/21/2025 16:10	WG2520014
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/21/2025 16:10	WG2520014
1,2-Dichloropropane	U		0.149	1.00	1	05/21/2025 16:10	WG2520014
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 16:10	WG2520014
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 16:10	WG2520014
Ethylbenzene	U		0.137	1.00	1	05/21/2025 16:10	WG2520014
2-Hexanone	U		0.787	10.0	1	05/21/2025 16:10	WG2520014
Iodomethane	U		6.00	10.0	1	05/21/2025 16:10	WG2520014
2-Butanone (MEK)	U		1.19	10.0	1	05/21/2025 16:10	WG2520014
Methylene Chloride	U		0.430	5.00	1	05/21/2025 16:10	WG2520014
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/21/2025 16:10	WG2520014
Styrene	U		0.118	1.00	1	05/21/2025 16:10	WG2520014
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 16:10	WG2520014
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 16:10	WG2520014
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 16:10	WG2520014
Toluene	U		0.278	1.00	1	05/21/2025 16:10	WG2520014
1,1,1-Trichloroethane	U		0.149	1.00	1	05/21/2025 16:10	WG2520014
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 16:10	WG2520014
Trichloroethene	U		0.190	1.00	1	05/21/2025 16:10	WG2520014
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 16:10	WG2520014
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 16:10	WG2520014
Vinyl acetate	U		0.692	10.0	1	05/21/2025 16:10	WG2520014
Vinyl chloride	0.314	J	0.234	1.00	1	05/21/2025 16:10	WG2520014
Xylenes, Total	U		0.174	3.00	1	05/21/2025 16:10	WG2520014
(S) Toluene-d8	*103*			*80.0-120*		*05/21/2025 16:10*	WG2520014
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*05/21/2025 16:10*	WG2520014
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*05/21/2025 16:10*	WG2520014

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5460000		200000	1	05/22/2025 17:29	WG2520881

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	2090000		27400	50000	50	05/27/2025 22:42	WG2518187
Sulfate	6810	J	6370	50000	10	05/27/2025 22:30	WG2518187

Sample Narrative:

L1860472-07 WG2518187: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	477000		9900	20000	20	05/20/2025 17:54	WG2519021

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	26.2	J	2.79	36.0	9	05/28/2025 18:33	WG2524244
Arsenic	119		1.08	18.0	9	05/28/2025 18:33	WG2524244
Barium	2510		4.50	18.0	9	05/28/2025 18:33	WG2524244
Beryllium	U		1.80	18.0	9	05/28/2025 18:33	WG2524244
Cadmium	U		1.08	9.00	9	05/28/2025 18:33	WG2524244
Chromium	62.8		8.10	18.0	9	05/28/2025 18:33	WG2524244
Copper	11.0	J	6.30	45.0	9	05/28/2025 18:33	WG2524244
Cobalt	58.7		0.900	18.0	9	05/28/2025 18:33	WG2524244
Iron	22900		203	900	9	05/28/2025 18:33	WG2524244
Lead	5.54	J	4.50	18.0	9	05/28/2025 18:33	WG2524244
Manganese	635		6.30	45.0	9	05/28/2025 18:33	WG2524244
Nickel	162		4.50	18.0	9	05/28/2025 18:33	WG2524244
Selenium	3.46	J	2.25	18.0	9	05/28/2025 18:33	WG2524244
Silver	U		0.990	18.0	9	05/28/2025 18:33	WG2524244
Thallium	U		1.17	18.0	9	05/28/2025 18:33	WG2524244
Vanadium	41.4	J	4.68	45.0	9	05/28/2025 18:33	WG2524244
Zinc	69.3	J	36.0	225	9	05/28/2025 18:33	WG2524244

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	2480	C3	113	500	10	05/21/2025 18:28	WG2520014
Acrylonitrile	U		6.71	100	10	05/21/2025 18:28	WG2520014
Benzene	1.88	J	0.941	10.0	10	05/21/2025 18:28	WG2520014
Bromochloromethane	U		1.28	10.0	10	05/21/2025 18:28	WG2520014
Bromodichloromethane	U		1.36	10.0	10	05/21/2025 18:28	WG2520014
Bromoform	U		1.29	10.0	10	05/21/2025 18:28	WG2520014
Bromomethane	U	J4	6.05	50.0	10	05/21/2025 18:28	WG2520014
Carbon disulfide	U		0.962	10.0	10	05/21/2025 18:28	WG2520014
Carbon tetrachloride	U		1.28	10.0	10	05/21/2025 18:28	WG2520014
Chlorobenzene	U		1.16	10.0	10	05/21/2025 18:28	WG2520014
Chlorodibromomethane	U		1.40	10.0	10	05/21/2025 18:28	WG2520014
Chloroethane	U		1.92	50.0	10	05/21/2025 18:28	WG2520014
Chloroform	U		1.11	50.0	10	05/21/2025 18:28	WG2520014
Chloromethane	U		9.60	25.0	10	05/21/2025 18:28	WG2520014

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Dibromomethane	U		1.22	10.0	10	05/21/2025 18:28	WG2520014
1,2-Dibromoethane	U		1.26	10.0	10	05/21/2025 18:28	WG2520014
1,2-Dibromo-3-Chloropropane	U		2.76	50.0	10	05/21/2025 18:28	WG2520014
1,2-Dichlorobenzene	U		1.07	10.0	10	05/21/2025 18:28	WG2520014
1,4-Dichlorobenzene	5.75	J	1.20	10.0	10	05/21/2025 18:28	WG2520014
trans-1,4-Dichloro-2-butene	U		4.67	25.0	10	05/21/2025 18:28	WG2520014
1,1-Dichloroethane	U		1.00	10.0	10	05/21/2025 18:28	WG2520014
1,2-Dichloroethane	U		0.819	10.0	10	05/21/2025 18:28	WG2520014
1,1-Dichloroethene	U		1.88	10.0	10	05/21/2025 18:28	WG2520014
cis-1,2-Dichloroethene	U		1.26	10.0	10	05/21/2025 18:28	WG2520014
trans-1,2-Dichloroethene	U		1.49	10.0	10	05/21/2025 18:28	WG2520014
1,2-Dichloropropane	U		1.49	10.0	10	05/21/2025 18:28	WG2520014
cis-1,3-Dichloropropene	U		1.11	10.0	10	05/21/2025 18:28	WG2520014
trans-1,3-Dichloropropene	U		1.18	10.0	10	05/21/2025 18:28	WG2520014
Ethylbenzene	8.25	J	1.37	10.0	10	05/21/2025 18:28	WG2520014
2-Hexanone	9.04	J	7.87	100	10	05/21/2025 18:28	WG2520014
Iodomethane	U		60.0	100	10	05/21/2025 18:28	WG2520014
2-Butanone (MEK)	2060		11.9	100	10	05/21/2025 18:28	WG2520014
Methylene Chloride	U		4.30	50.0	10	05/21/2025 18:28	WG2520014
4-Methyl-2-pentanone (MIBK)	48.8	J	4.78	100	10	05/21/2025 18:28	WG2520014
Styrene	U		1.18	10.0	10	05/21/2025 18:28	WG2520014
1,1,1,2-Tetrachloroethane	U		1.47	10.0	10	05/21/2025 18:28	WG2520014
1,1,2,2-Tetrachloroethane	U		1.33	10.0	10	05/21/2025 18:28	WG2520014
Tetrachloroethene	U		3.00	10.0	10	05/21/2025 18:28	WG2520014
Toluene	9.06	J	2.78	10.0	10	05/21/2025 18:28	WG2520014
1,1,1-Trichloroethane	U		1.49	10.0	10	05/21/2025 18:28	WG2520014
1,1,2-Trichloroethane	U		1.58	10.0	10	05/21/2025 18:28	WG2520014
Trichloroethene	U		1.90	10.0	10	05/21/2025 18:28	WG2520014
Trichlorofluoromethane	U		1.60	50.0	10	05/21/2025 18:28	WG2520014
1,2,3-Trichloropropane	U		2.37	25.0	10	05/21/2025 18:28	WG2520014
Vinyl acetate	U		6.92	100	10	05/21/2025 18:28	WG2520014
Vinyl chloride	U		2.34	10.0	10	05/21/2025 18:28	WG2520014
Xylenes, Total	16.9	J	1.74	30.0	10	05/21/2025 18:28	WG2520014
(S) Toluene-d8	*100*			*80.0-120*		*05/21/2025 18:28*	WG2520014
(S) 4-Bromofluorobenzene	*99.5*			*77.0-126*		*05/21/2025 18:28*	WG2520014
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*05/21/2025 18:28*	WG2520014

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	496000		13300	1	05/22/2025 17:29	WG2520881

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	138000		5470	10000	10	05/27/2025 22:55	WG2518187
Sulfate	U		6370	50000	10	05/27/2025 22:55	WG2518187

Sample Narrative:

L1860472-08 WG2518187: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	13200		495	1000	1	05/22/2025 22:18	WG2521000

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	1.93	B J	0.310	4.00	1	05/30/2025 03:12	WG2523703
Arsenic	11.4		0.120	2.00	1	05/30/2025 03:12	WG2523703
Barium	384		0.500	2.00	1	05/30/2025 03:12	WG2523703
Beryllium	U		0.200	2.00	1	05/30/2025 03:12	WG2523703
Cadmium	U		0.120	1.00	1	05/30/2025 03:12	WG2523703
Chromium	2.78		0.900	2.00	1	05/30/2025 03:12	WG2523703
Copper	105		0.700	5.00	1	05/30/2025 03:12	WG2523703
Cobalt	5.57		0.100	2.00	1	05/30/2025 03:12	WG2523703
Iron	3530		22.6	100	1	05/30/2025 03:12	WG2523703
Lead	5.50	B	0.500	2.00	1	05/30/2025 03:12	WG2523703
Manganese	254		0.700	5.00	1	05/30/2025 03:12	WG2523703
Nickel	13.5		0.500	2.00	1	05/30/2025 03:12	WG2523703
Selenium	U		0.250	2.00	1	05/30/2025 03:12	WG2523703
Silver	U		0.110	2.00	1	05/30/2025 03:12	WG2523703
Thallium	U		0.130	2.00	1	05/30/2025 03:12	WG2523703
Vanadium	2.72	J	0.520	5.00	1	05/30/2025 03:12	WG2523703
Zinc	46.4		4.00	25.0	1	05/30/2025 03:12	WG2523703

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	50.0	1	05/21/2025 16:29	WG2520014
Acrylonitrile	U		0.671	10.0	1	05/21/2025 16:29	WG2520014
Benzene	U		0.0941	1.00	1	05/21/2025 16:29	WG2520014
Bromochloromethane	U		0.128	1.00	1	05/21/2025 16:29	WG2520014
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 16:29	WG2520014
Bromoform	U		0.129	1.00	1	05/21/2025 16:29	WG2520014
Bromomethane	U	J4	0.605	5.00	1	05/21/2025 16:29	WG2520014
Carbon disulfide	U		0.0962	1.00	1	05/21/2025 16:29	WG2520014
Carbon tetrachloride	U		0.128	1.00	1	05/21/2025 16:29	WG2520014
Chlorobenzene	U		0.116	1.00	1	05/21/2025 16:29	WG2520014
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 16:29	WG2520014
Chloroethane	U		0.192	5.00	1	05/21/2025 16:29	WG2520014
Chloroform	U		0.111	5.00	1	05/21/2025 16:29	WG2520014
Chloromethane	U		0.960	2.50	1	05/21/2025 16:29	WG2520014

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Dibromomethane	U		0.122	1.00	1	05/21/2025 16:29	WG2520014
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 16:29	WG2520014
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 16:29	WG2520014
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 16:29	WG2520014
1,4-Dichlorobenzene	1.26		0.120	1.00	1	05/21/2025 16:29	WG2520014
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 16:29	WG2520014
1,1-Dichloroethane	0.146	J	0.100	1.00	1	05/21/2025 16:29	WG2520014
1,2-Dichloroethane	U		0.0819	1.00	1	05/21/2025 16:29	WG2520014
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 16:29	WG2520014
cis-1,2-Dichloroethene	0.205	J	0.126	1.00	1	05/21/2025 16:29	WG2520014
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/21/2025 16:29	WG2520014
1,2-Dichloropropane	U		0.149	1.00	1	05/21/2025 16:29	WG2520014
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 16:29	WG2520014
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 16:29	WG2520014
Ethylbenzene	U		0.137	1.00	1	05/21/2025 16:29	WG2520014
2-Hexanone	U		0.787	10.0	1	05/21/2025 16:29	WG2520014
Iodomethane	U		6.00	10.0	1	05/21/2025 16:29	WG2520014
2-Butanone (MEK)	6.69	J	1.19	10.0	1	05/21/2025 16:29	WG2520014
Methylene Chloride	U		0.430	5.00	1	05/21/2025 16:29	WG2520014
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/21/2025 16:29	WG2520014
Styrene	U		0.118	1.00	1	05/21/2025 16:29	WG2520014
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 16:29	WG2520014
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 16:29	WG2520014
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 16:29	WG2520014
Toluene	U		0.278	1.00	1	05/21/2025 16:29	WG2520014
1,1,1-Trichloroethane	U		0.149	1.00	1	05/21/2025 16:29	WG2520014
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 16:29	WG2520014
Trichloroethene	U		0.190	1.00	1	05/21/2025 16:29	WG2520014
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 16:29	WG2520014
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 16:29	WG2520014
Vinyl acetate	U		0.692	10.0	1	05/21/2025 16:29	WG2520014
Vinyl chloride	U		0.234	1.00	1	05/21/2025 16:29	WG2520014
Xylenes, Total	0.379	J	0.174	3.00	1	05/21/2025 16:29	WG2520014
(S) Toluene-d8	*101*			*80.0-120*		*05/21/2025 16:29*	WG2520014
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*		*05/21/2025 16:29*	WG2520014
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*05/21/2025 16:29*	WG2520014

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5820000		200000	1	05/22/2025 14:40	WG2520212

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	1640000		27400	50000	50	05/27/2025 23:20	WG2518187
Sulfate	15200	J	6370	50000	10	05/27/2025 23:07	WG2518187

Sample Narrative:

L1860472-09 WG2518187: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	447000		9900	20000	20	05/22/2025 22:40	WG2521000

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	2.81	J	2.79	36.0	9	05/28/2025 18:36	WG2524244
Arsenic	55.9		1.08	18.0	9	05/28/2025 18:36	WG2524244
Barium	1800		4.50	18.0	9	05/28/2025 18:36	WG2524244
Beryllium	U		1.80	18.0	9	05/28/2025 18:36	WG2524244
Cadmium	U		1.08	9.00	9	05/28/2025 18:36	WG2524244
Chromium	50.2		8.10	18.0	9	05/28/2025 18:36	WG2524244
Copper	U		6.30	45.0	9	05/28/2025 18:36	WG2524244
Cobalt	29.8		0.900	18.0	9	05/28/2025 18:36	WG2524244
Iron	16500		203	900	9	05/28/2025 18:36	WG2524244
Lead	U		4.50	18.0	9	05/28/2025 18:36	WG2524244
Manganese	2090		6.30	45.0	9	05/28/2025 18:36	WG2524244
Nickel	142		4.50	18.0	9	05/28/2025 18:36	WG2524244
Selenium	U		2.25	18.0	9	05/28/2025 18:36	WG2524244
Silver	U		0.110	2.00	1	06/02/2025 01:28	WG2527249
Thallium	U		1.17	18.0	9	05/28/2025 18:36	WG2524244
Vanadium	43.4	J	4.68	45.0	9	05/28/2025 18:36	WG2524244
Zinc	109	J	36.0	225	9	05/28/2025 18:36	WG2524244

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	11.3	50.0	1	05/21/2025 17:49	WG2520014
Acrylonitrile	U		0.671	10.0	1	05/21/2025 17:49	WG2520014
Benzene	1.57		0.0941	1.00	1	05/21/2025 17:49	WG2520014
Bromochloromethane	U		0.128	1.00	1	05/21/2025 17:49	WG2520014
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 17:49	WG2520014
Bromoform	U		0.129	1.00	1	05/21/2025 17:49	WG2520014
Bromomethane	U	J4	0.605	5.00	1	05/21/2025 17:49	WG2520014
Carbon disulfide	0.280	J	0.0962	1.00	1	05/21/2025 17:49	WG2520014
Carbon tetrachloride	U		0.128	1.00	1	05/21/2025 17:49	WG2520014
Chlorobenzene	U		0.116	1.00	1	05/21/2025 17:49	WG2520014
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 17:49	WG2520014
Chloroethane	U		0.192	5.00	1	05/21/2025 17:49	WG2520014
Chloroform	U		0.111	5.00	1	05/21/2025 17:49	WG2520014
Chloromethane	U		0.960	2.50	1	05/21/2025 17:49	WG2520014

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Dibromomethane	U		0.122	1.00	1	05/21/2025 17:49	WG2520014
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 17:49	WG2520014
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 17:49	WG2520014
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 17:49	WG2520014
1,4-Dichlorobenzene	0.691	J	0.120	1.00	1	05/21/2025 17:49	WG2520014
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 17:49	WG2520014
1,1-Dichloroethane	U		0.100	1.00	1	05/21/2025 17:49	WG2520014
1,2-Dichloroethane	0.743	J	0.0819	1.00	1	05/21/2025 17:49	WG2520014
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 17:49	WG2520014
cis-1,2-Dichloroethene	0.609	J	0.126	1.00	1	05/21/2025 17:49	WG2520014
trans-1,2-Dichloroethene	0.504	J	0.149	1.00	1	05/21/2025 17:49	WG2520014
1,2-Dichloropropane	0.163	J	0.149	1.00	1	05/21/2025 17:49	WG2520014
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 17:49	WG2520014
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 17:49	WG2520014
Ethylbenzene	U		0.137	1.00	1	05/21/2025 17:49	WG2520014
2-Hexanone	1.10	J	0.787	10.0	1	05/21/2025 17:49	WG2520014
Iodomethane	U		6.00	10.0	1	05/21/2025 17:49	WG2520014
2-Butanone (MEK)	U		1.19	10.0	1	05/21/2025 17:49	WG2520014
Methylene Chloride	0.465	J	0.430	5.00	1	05/21/2025 17:49	WG2520014
4-Methyl-2-pentanone (MIBK)	6.54	J	0.478	10.0	1	05/21/2025 17:49	WG2520014
Styrene	U		0.118	1.00	1	05/21/2025 17:49	WG2520014
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 17:49	WG2520014
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 17:49	WG2520014
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 17:49	WG2520014
Toluene	2.31		0.278	1.00	1	05/21/2025 17:49	WG2520014
1,1,1-Trichloroethane	U		0.149	1.00	1	05/21/2025 17:49	WG2520014
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 17:49	WG2520014
Trichloroethene	U		0.190	1.00	1	05/21/2025 17:49	WG2520014
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 17:49	WG2520014
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 17:49	WG2520014
Vinyl acetate	U		0.692	10.0	1	05/21/2025 17:49	WG2520014
Vinyl chloride	0.504	J	0.234	1.00	1	05/21/2025 17:49	WG2520014
Xylenes, Total	11.7		0.174	3.00	1	05/21/2025 17:49	WG2520014
(S) Toluene-d8	*101*			*80.0-120*		*05/21/2025 17:49*	WG2520014
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*05/21/2025 17:49*	WG2520014
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*05/21/2025 17:49*	WG2520014

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	26000	B	10000	1	05/22/2025 14:40	WG2520212

Sample Narrative:

L1860472-10 WG2520212: Duplicate Analysis performed due to Blank contamination. Results confirm; reporting in-hold data.

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	U		547	1000	1	05/27/2025 23:58	WG2518187
Sulfate	849	J	637	5000	1	05/27/2025 23:58	WG2518187

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	U		495	1000	1	05/22/2025 22:55	WG2521000

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		0.310	4.00	1	05/29/2025 23:58	WG2523707
Arsenic	U		0.120	2.00	1	05/29/2025 23:58	WG2523707
Barium	U		0.500	2.00	1	05/29/2025 23:58	WG2523707
Beryllium	U		0.200	2.00	1	05/29/2025 23:58	WG2523707
Cadmium	U		0.120	1.00	1	05/29/2025 23:58	WG2523707
Chromium	U		0.900	2.00	1	05/29/2025 23:58	WG2523707
Copper	U		0.700	5.00	1	05/29/2025 23:58	WG2523707
Cobalt	U		0.100	2.00	1	05/29/2025 23:58	WG2523707
Iron	U		22.6	100	1	05/29/2025 23:58	WG2523707
Lead	U		0.500	2.00	1	05/29/2025 23:58	WG2523707
Manganese	U		0.700	5.00	1	05/29/2025 23:58	WG2523707
Nickel	U		0.500	2.00	1	05/29/2025 23:58	WG2523707
Selenium	U		0.250	2.00	1	05/29/2025 23:58	WG2523707
Silver	U		0.110	2.00	1	05/29/2025 23:58	WG2523707
Thallium	U		0.130	2.00	1	05/29/2025 23:58	WG2523707
Vanadium	0.650	B J	0.520	5.00	1	05/29/2025 23:58	WG2523707
Zinc	U		4.00	25.0	1	05/29/2025 23:58	WG2523707

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/21/2025 22:39	WG2520034
Acrylonitrile	U	J3	0.671	10.0	1	05/21/2025 22:39	WG2520034
Benzene	U		0.0941	1.00	1	05/21/2025 22:39	WG2520034
Bromochloromethane	U		0.128	1.00	1	05/21/2025 22:39	WG2520034
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 22:39	WG2520034
Bromoform	U		0.129	1.00	1	05/21/2025 22:39	WG2520034
Bromomethane	U		0.605	5.00	1	05/21/2025 22:39	WG2520034
Carbon disulfide	U		0.0962	1.00	1	05/21/2025 22:39	WG2520034
Carbon tetrachloride	U	J4	0.128	1.00	1	05/21/2025 22:39	WG2520034
Chlorobenzene	U		0.116	1.00	1	05/21/2025 22:39	WG2520034
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 22:39	WG2520034
Chloroethane	U		0.192	5.00	1	05/21/2025 22:39	WG2520034
Chloroform	U	J4	0.111	5.00	1	05/21/2025 22:39	WG2520034
Chloromethane	U	J3	0.960	2.50	1	05/21/2025 22:39	WG2520034

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Dibromomethane	U		0.122	1.00	1	05/21/2025 22:39	WG2520034
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 22:39	WG2520034
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 22:39	WG2520034
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 22:39	WG2520034
1,4-Dichlorobenzene	U		0.120	1.00	1	05/21/2025 22:39	WG2520034
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 22:39	WG2520034
1,1-Dichloroethane	U		0.100	1.00	1	05/21/2025 22:39	WG2520034
1,2-Dichloroethane	U		0.0819	1.00	1	05/21/2025 22:39	WG2520034
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 22:39	WG2520034
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/21/2025 22:39	WG2520034
trans-1,2-Dichloroethene	U	J4	0.149	1.00	1	05/21/2025 22:39	WG2520034
1,2-Dichloropropane	U		0.149	1.00	1	05/21/2025 22:39	WG2520034
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 22:39	WG2520034
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 22:39	WG2520034
Ethylbenzene	U		0.137	1.00	1	05/21/2025 22:39	WG2520034
2-Hexanone	U		0.787	10.0	1	05/21/2025 22:39	WG2520034
Iodomethane	U		6.00	10.0	1	05/21/2025 22:39	WG2520034
2-Butanone (MEK)	U	J3	1.19	10.0	1	05/21/2025 22:39	WG2520034
Methylene Chloride	U		0.430	5.00	1	05/21/2025 22:39	WG2520034
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/21/2025 22:39	WG2520034
Styrene	U		0.118	1.00	1	05/21/2025 22:39	WG2520034
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 22:39	WG2520034
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 22:39	WG2520034
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 22:39	WG2520034
Toluene	U		0.278	1.00	1	05/21/2025 22:39	WG2520034
1,1,1-Trichloroethane	U	J4	0.149	1.00	1	05/21/2025 22:39	WG2520034
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 22:39	WG2520034
Trichloroethene	U		0.190	1.00	1	05/21/2025 22:39	WG2520034
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 22:39	WG2520034
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 22:39	WG2520034
Vinyl acetate	U		0.692	10.0	1	05/21/2025 22:39	WG2520034
Vinyl chloride	U	J3	0.234	1.00	1	05/21/2025 22:39	WG2520034
Xylenes, Total	U		0.174	3.00	1	05/21/2025 22:39	WG2520034
(S) Toluene-d8	*103*			*80.0-120*		*05/21/2025 22:39*	WG2520034
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*05/21/2025 22:39*	WG2520034
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*05/21/2025 22:39*	WG2520034

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	05/21/2025 20:24	WG2520034
Acrylonitrile	U	J3	0.671	10.0	1	05/21/2025 20:24	WG2520034
Benzene	U		0.0941	1.00	1	05/21/2025 20:24	WG2520034
Bromochloromethane	U		0.128	1.00	1	05/21/2025 20:24	WG2520034
Bromodichloromethane	U		0.136	1.00	1	05/21/2025 20:24	WG2520034
Bromoform	U		0.129	1.00	1	05/21/2025 20:24	WG2520034
Bromomethane	U		0.605	5.00	1	05/21/2025 20:24	WG2520034
Carbon disulfide	U		0.0962	1.00	1	05/21/2025 20:24	WG2520034
Carbon tetrachloride	U	J4	0.128	1.00	1	05/21/2025 20:24	WG2520034
Chlorobenzene	U		0.116	1.00	1	05/21/2025 20:24	WG2520034
Chlorodibromomethane	U		0.140	1.00	1	05/21/2025 20:24	WG2520034
Chloroethane	U		0.192	5.00	1	05/21/2025 20:24	WG2520034
Chloroform	U	J4	0.111	5.00	1	05/21/2025 20:24	WG2520034
Chloromethane	U	J3	0.960	2.50	1	05/21/2025 20:24	WG2520034
Dibromomethane	U		0.122	1.00	1	05/21/2025 20:24	WG2520034
1,2-Dibromoethane	U		0.126	1.00	1	05/21/2025 20:24	WG2520034
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/21/2025 20:24	WG2520034
1,2-Dichlorobenzene	U		0.107	1.00	1	05/21/2025 20:24	WG2520034
1,4-Dichlorobenzene	U		0.120	1.00	1	05/21/2025 20:24	WG2520034
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	05/21/2025 20:24	WG2520034
1,1-Dichloroethane	U		0.100	1.00	1	05/21/2025 20:24	WG2520034
1,2-Dichloroethane	U		0.0819	1.00	1	05/21/2025 20:24	WG2520034
1,1-Dichloroethene	U		0.188	1.00	1	05/21/2025 20:24	WG2520034
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/21/2025 20:24	WG2520034
trans-1,2-Dichloroethene	U	J4	0.149	1.00	1	05/21/2025 20:24	WG2520034
1,2-Dichloropropane	U		0.149	1.00	1	05/21/2025 20:24	WG2520034
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/21/2025 20:24	WG2520034
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/21/2025 20:24	WG2520034
Ethylbenzene	U		0.137	1.00	1	05/21/2025 20:24	WG2520034
2-Hexanone	U		0.787	10.0	1	05/21/2025 20:24	WG2520034
Iodomethane	U		6.00	10.0	1	05/21/2025 20:24	WG2520034
2-Butanone (MEK)	U	J3	1.19	10.0	1	05/21/2025 20:24	WG2520034
Methylene Chloride	U		0.430	5.00	1	05/21/2025 20:24	WG2520034
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/21/2025 20:24	WG2520034
Styrene	U		0.118	1.00	1	05/21/2025 20:24	WG2520034
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/21/2025 20:24	WG2520034
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/21/2025 20:24	WG2520034
Tetrachloroethene	U		0.300	1.00	1	05/21/2025 20:24	WG2520034
Toluene	U		0.278	1.00	1	05/21/2025 20:24	WG2520034
1,1,1-Trichloroethane	U	J4	0.149	1.00	1	05/21/2025 20:24	WG2520034
1,1,2-Trichloroethane	U		0.158	1.00	1	05/21/2025 20:24	WG2520034
Trichloroethene	U		0.190	1.00	1	05/21/2025 20:24	WG2520034
Trichlorofluoromethane	U		0.160	5.00	1	05/21/2025 20:24	WG2520034
1,2,3-Trichloropropane	U		0.237	2.50	1	05/21/2025 20:24	WG2520034
Vinyl acetate	U		0.692	10.0	1	05/21/2025 20:24	WG2520034
Vinyl chloride	U	J3	0.234	1.00	1	05/21/2025 20:24	WG2520034
Xylenes, Total	U		0.174	3.00	1	05/21/2025 20:24	WG2520034
(S) Toluene-d8	*101*			*80.0-120*		*05/21/2025 20:24*	WG2520034
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*		*05/21/2025 20:24*	WG2520034
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*05/21/2025 20:24*	WG2520034

Method Blank (MB)

(MB) R4220139-1 05/22/25 14:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	43000		10000	10000

L1860426-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1860426-01 05/22/25 14:40 • (DUP) R4220139-3 05/22/25 14:40

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	517000	525000	1	1.54		10

L1860573-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1860573-03 05/22/25 14:40 • (DUP) R4220139-4 05/22/25 14:40

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	16200000	16400000	1	1.72		10

Laboratory Control Sample (LCS)

(LCS) R4220139-2 05/22/25 14:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8860000	101	90.0-110	

Method Blank (MB)

(MB) R4220273-1 05/22/25 17:29

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	U	J	10000	10000

L1859896-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1859896-01 05/22/25 17:29 • (DUP) R4220273-3 05/22/25 17:29

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	667000	693000	1	3.92		10

L1860472-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1860472-08 05/22/25 17:29 • (DUP) R4220273-4 05/22/25 17:29

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	496000	511000	1	2.91		10

Laboratory Control Sample (LCS)

(LCS) R4220273-2 05/22/25 17:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8980000	102	90.0-110	

Method Blank (MB)

(MB) R4221906-1 05/26/25 15:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	U		10000	10000

L1860472-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1860472-01 05/26/25 15:38 • (DUP) R4221906-3 05/26/25 15:38

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	229000	223000	1	2.65		10

L1862944-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1862944-10 05/26/25 15:38 • (DUP) R4221906-4 05/26/25 15:38

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3900000	3960000	1	1.53		10

Laboratory Control Sample (LCS)

(LCS) R4221906-2 05/26/25 15:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8630000	98.1	90.0-110	

Method Blank (MB)

(MB) R4221455-1 05/27/25 12:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		547	1000
Sulfate	U		637	5000

L1860460-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1860460-03 05/27/25 18:29 • (DUP) R4221455-3 05/27/25 18:42

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	4740	4650	1	1.93		15
Sulfate	928	U	1	200	P1	15

L1860460-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1860460-07 05/27/25 20:29 • (DUP) R4221455-6 05/27/25 20:43

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4221455-2 05/27/25 12:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	38500	96.2	80.0-120	
Sulfate	40000	38300	95.8	80.0-120	

L1860460-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860460-03 05/27/25 18:29 • (MS) R4221455-4 05/27/25 18:56 • (MSD) R4221455-5 05/27/25 19:09

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40000	4740	44400	44200	99.1	98.6	1	80.0-120			0.425	15
Sulfate	40000	928	40200	40200	98.2	98.1	1	80.0-120			0.123	15

L1860460-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1860460-07 05/27/25 20:29 • (MS) R4221455-7 05/27/25 20:56

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	U	38800	97.0	1	80.0-120	
Sulfate	40000	U	38800	97.1	1	80.0-120	

Method Blank (MB)

(MB) R4221562-1 05/27/25 20:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		547	1000
Sulfate	U		637	5000

L1860453-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1860453-01 05/27/25 21:02 • (DUP) R4221562-3 05/27/25 21:14

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	29300	30100	1	2.51		15

L1860952-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1860952-11 05/28/25 00:48 • (DUP) R4221562-5 05/28/25 01:01

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	27900	27700	1	0.675		15
Sulfate	27500	27300	1	0.793		15

L1860453-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1860453-01 05/29/25 15:11 • (DUP) R4222973-1 05/29/25 15:24

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	116000	116000	5	0.248		15

Laboratory Control Sample (LCS)

(LCS) R4221562-2 05/27/25 20:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	40000	100	80.0-120	
Sulfate	40000	40800	102	80.0-120	

L1860453-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1860453-01 05/27/25 21:02 • (MS) R4221562-4 05/27/25 21:27

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40000	29300	62200	82.2	1	80.0-120	
Sulfate	40000	114000	127000	32.3	1	80.0-120	E J6

L1860952-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860952-11 05/28/25 00:48 • (MS) R4221562-6 05/28/25 01:13 • (MSD) R4221562-7 05/28/25 01:26

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40000	27900	62100	61000	85.4	82.9	1	80.0-120			1.66	15
Sulfate	40000	27500	62400	61000	87.1	83.5	1	80.0-120			2.32	15

Method Blank (MB)

(MB) R4219292-2 05/22/25 19:25

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1860229-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1860229-05 05/23/25 00:01 • (DUP) R4219292-5 05/23/25 00:31

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1870	1860	1	0.483		20

L1860229-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1860229-09 05/23/25 03:39 • (DUP) R4219292-8 05/23/25 04:04

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	2350	2420	1	2.86		20

Laboratory Control Sample (LCS)

(LCS) R4219292-1 05/22/25 19:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	24600	98.4	80.0-120	

L1860229-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860229-04 05/22/25 22:50 • (MS) R4219292-3 05/22/25 23:15 • (MSD) R4219292-4 05/22/25 23:40

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	2260	27400	27600	101	101	1	75.0-125			0.690	20

L1860229-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860229-07 05/23/25 02:26 • (MS) R4219292-6 05/23/25 02:50 • (MSD) R4219292-7 05/23/25 03:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	1880	26900	27100	100	101	1	75.0-125			0.815	20

Method Blank (MB)

(MB) R4217740-4 05/20/25 13:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1860472-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1860472-07 05/20/25 17:54 • (DUP) R4217740-1 05/20/25 18:15

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	477000	483000	20	1.05		20

Laboratory Control Sample (LCS)

(LCS) R4217740-5 05/20/25 13:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	27300	109	80.0-120	

L1860472-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860472-06 05/20/25 16:49 • (MS) R4217740-3 05/20/25 17:11 • (MSD) R4217740-2 05/20/25 17:34

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	1330	28700	28500	109	109	1	75.0-125			0.618	20

Method Blank (MB)

(MB) R4219295-7 05/22/25 13:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1859115-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1859115-09 05/22/25 16:53 • (DUP) R4219295-4 05/22/25 17:11

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	5410	5460	1	0.917		20

L1859739-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1859739-05 05/22/25 21:20 • (DUP) R4219295-1 05/22/25 21:38

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	3680	3440	1	6.66		20

Laboratory Control Sample (LCS)

(LCS) R4219295-8 05/22/25 13:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	24100	96.6	80.0-120	

L1859115-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1859115-08 05/22/25 15:49 • (MS) R4219295-6 05/22/25 16:13 • (MSD) R4219295-5 05/22/25 16:34

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	4050	27200	27200	92.7	92.7	1	75.0-125			0.00779	20

L1859125-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1859125-01 05/22/25 20:11 • (MS) R4219295-3 05/22/25 20:38 • (MSD) R4219295-2 05/22/25 21:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	U	24100	24500	96.6	97.8	1	75.0-125			1.27	20

QUALITY CONTROL SUMMARY

L1860472-01,02,03,04,05,06,08

Method Blank (MB)

(MB) R4222849-1 05/30/25 01:51

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	0.313	J	0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Beryllium	U		0.200	2.00
Cadmium	U		0.120	1.00
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	0.660	J	0.500	2.00
Manganese	1.49	J	0.700	5.00
Nickel	U		0.500	2.00
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Thallium	U		0.130	2.00
Vanadium	U		0.520	5.00
Zinc	4.21	J	4.00	25.0

Laboratory Control Sample (LCS)

(LCS) R4222849-2 05/30/25 01:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	52.1	104	80.0-120	
Arsenic	50.0	50.8	102	80.0-120	
Barium	50.0	54.4	109	80.0-120	
Beryllium	50.0	51.2	102	80.0-120	
Cadmium	50.0	55.1	110	80.0-120	
Chromium	50.0	53.3	107	80.0-120	
Copper	50.0	53.6	107	80.0-120	
Cobalt	50.0	54.0	108	80.0-120	
Iron	1000	1040	104	80.0-120	
Lead	50.0	52.5	105	80.0-120	
Manganese	50.0	53.1	106	80.0-120	
Nickel	50.0	54.3	109	80.0-120	
Selenium	50.0	51.3	103	80.0-120	
Silver	50.0	54.4	109	80.0-120	
Thallium	50.0	51.6	103	80.0-120	
Vanadium	50.0	51.9	104	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4222849-2 05/30/25 01:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Zinc	50.0	52.7	105	80.0-120	

L1860422-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860422-02 05/30/25 01:57 • (MS) R4222849-4 05/30/25 02:04 • (MSD) R4222849-5 05/30/25 02:07

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	50.0	U	52.0	51.5	104	103	1	75.0-125			0.988	20
Arsenic	50.0	5.02	56.6	56.4	103	103	1	75.0-125			0.386	20
Barium	50.0	207	256	257	98.1	100	1	75.0-125			0.447	20
Beryllium	50.0	0.657	52.6	51.6	104	102	1	75.0-125			1.94	20
Cadmium	50.0	0.398	52.0	53.0	103	105	1	75.0-125			1.83	20
Chromium	50.0	5.63	58.1	58.1	105	105	1	75.0-125			0.0122	20
Copper	50.0	37.0	85.7	84.1	97.4	94.1	1	75.0-125			1.96	20
Cobalt	50.0	7.46	58.4	58.3	102	102	1	75.0-125			0.0625	20
Iron	1000	7300	8640	8900	134	160	1	75.0-125	V	V	2.97	20
Lead	50.0	21.5	72.9	71.8	103	101	1	75.0-125			1.48	20
Manganese	50.0	438	490	480	104	83.4	1	75.0-125			2.11	20
Nickel	50.0	15.6	67.4	67.2	104	103	1	75.0-125			0.246	20
Selenium	50.0	0.649	50.8	50.7	100	100	1	75.0-125			0.301	20
Silver	50.0	U	53.7	53.8	107	108	1	75.0-125			0.284	20
Thallium	50.0	0.135	49.6	50.2	99.0	100	1	75.0-125			1.10	20
Vanadium	50.0	18.7	69.8	70.6	102	104	1	75.0-125			1.12	20
Zinc	50.0	69.9	145	126	151	112	1	75.0-125	J5		14.3	20

Method Blank (MB)

(MB) R4222762-1 05/29/25 23:51

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Beryllium	U		0.200	2.00
Cadmium	U		0.120	1.00
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	U		0.500	2.00
Manganese	U		0.700	5.00
Nickel	U		0.500	2.00
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Thallium	U		0.130	2.00
Vanadium	0.554	J	0.520	5.00
Zinc	U		4.00	25.0

Laboratory Control Sample (LCS)

(LCS) R4222762-2 05/29/25 23:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	46.7	93.3	80.0-120	
Arsenic	50.0	46.9	93.8	80.0-120	
Barium	50.0	46.0	92.0	80.0-120	
Beryllium	50.0	45.6	91.1	80.0-120	
Cadmium	50.0	51.0	102	80.0-120	
Chromium	50.0	49.1	98.2	80.0-120	
Copper	50.0	50.7	101	80.0-120	
Cobalt	50.0	49.4	98.8	80.0-120	
Iron	1000	974	97.4	80.0-120	
Lead	50.0	47.2	94.5	80.0-120	
Manganese	50.0	48.3	96.6	80.0-120	
Nickel	50.0	49.4	98.8	80.0-120	
Selenium	50.0	49.1	98.2	80.0-120	
Silver	50.0	48.8	97.6	80.0-120	
Thallium	50.0	46.0	92.0	80.0-120	
Vanadium	50.0	48.0	96.0	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4222762-2 05/29/25 23:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Zinc	50.0	47.6	95.3	80.0-120	

L1860472-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860472-10 05/29/25 23:58 • (MS) R4222762-4 05/30/25 00:04 • (MSD) R4222762-5 05/30/25 00:07

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	50.0	U	47.9	47.7	95.8	95.5	1	75.0-125			0.339	20
Arsenic	50.0	U	48.1	48.0	96.3	96.0	1	75.0-125			0.302	20
Barium	50.0	U	46.9	47.0	93.9	93.9	1	75.0-125			0.0593	20
Beryllium	50.0	U	46.8	47.4	93.7	94.8	1	75.0-125			1.19	20
Cadmium	50.0	U	51.2	51.5	102	103	1	75.0-125			0.572	20
Chromium	50.0	U	49.5	50.0	99.1	100	1	75.0-125			1.01	20
Copper	50.0	U	51.8	51.0	104	102	1	75.0-125			1.63	20
Cobalt	50.0	U	50.3	50.1	101	100	1	75.0-125			0.480	20
Iron	1000	U	1050	1050	105	105	1	75.0-125			0.279	20
Lead	50.0	U	47.4	47.7	94.8	95.5	1	75.0-125			0.692	20
Manganese	50.0	U	50.9	49.6	102	99.1	1	75.0-125			2.72	20
Nickel	50.0	U	50.6	51.2	101	102	1	75.0-125			1.12	20
Selenium	50.0	U	49.7	49.4	99.4	98.8	1	75.0-125			0.635	20
Silver	50.0	U	49.4	50.0	98.7	100	1	75.0-125			1.34	20
Thallium	50.0	U	47.3	46.4	94.5	92.9	1	75.0-125			1.74	20
Vanadium	50.0	0.650	49.1	48.8	96.9	96.2	1	75.0-125			0.681	20
Zinc	50.0	U	51.9	49.5	104	99.1	1	75.0-125			4.68	20

Method Blank (MB)

(MB) R4222000-1 05/28/25 18:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Beryllium	U		0.200	2.00
Cadmium	U		0.120	1.00
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	U		0.500	2.00
Manganese	U		0.700	5.00
Nickel	U		0.500	2.00
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Thallium	U		0.130	2.00
Vanadium	U		0.520	5.00
Zinc	U		4.00	25.0

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

(LCS) R4222000-2 05/28/25 18:20 • (LCSD) R4222000-3 05/28/25 18:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Antimony	50.0	52.1	52.1	104	104	80.0-120			0.0290	20
Arsenic	50.0	49.1	47.9	98.1	95.8	80.0-120			2.43	20
Barium	50.0	50.4	50.5	101	101	80.0-120			0.164	20
Beryllium	50.0	46.4	45.8	92.7	91.7	80.0-120			1.14	20
Cadmium	50.0	51.2	50.4	102	101	80.0-120			1.59	20
Chromium	50.0	48.9	48.6	97.7	97.1	80.0-120			0.625	20
Copper	50.0	50.9	49.7	102	99.3	80.0-120			2.53	20
Cobalt	50.0	50.5	49.7	101	99.5	80.0-120			1.63	20
Iron	1000	976	1050	97.6	105	80.0-120			6.93	20
Lead	50.0	49.6	48.9	99.2	97.9	80.0-120			1.37	20
Manganese	50.0	49.5	48.9	99.0	97.8	80.0-120			1.21	20
Nickel	50.0	51.2	49.6	102	99.2	80.0-120			3.10	20
Selenium	50.0	50.8	49.3	102	98.7	80.0-120			2.98	20
Silver	50.0	50.8	49.4	102	98.8	80.0-120			2.68	20
Thallium	50.0	48.3	47.6	96.7	95.2	80.0-120			1.58	20
Vanadium	50.0	48.6	47.5	97.2	95.1	80.0-120			2.17	20

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

(LCS) R4222000-2 05/28/25 18:20 • (LCSD) R4222000-3 05/28/25 18:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Zinc	50.0	50.2	49.5	100	99.1	80.0-120			1.27	20

Method Blank (MB)

(MB) R4223856-1 06/02/25 00:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Silver	U		0.110	2.00

Laboratory Control Sample (LCS)

(LCS) R4223856-2 06/02/25 00:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Silver	50.0	47.6	95.2	80.0-120	

L1859919-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1859919-02 06/02/25 00:41 • (MS) R4223856-4 06/02/25 00:47 • (MSD) R4223856-5 06/02/25 00:51

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Silver	50.0	U	48.8	48.0	97.6	96.1	1	75.0-125			1.64	20

Method Blank (MB)

(MB) R4220044-3 05/21/25 10:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Dibromomethane	U		0.122	1.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

Method Blank (MB)

(MB) R4220044-3 05/21/25 10:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

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

(LCS) R4220044-1 05/21/25 09:32 • (LCSD) R4220044-2 05/21/25 09:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	19.8	19.0	79.2	76.0	19.0-160	J	J	4.12	27
Acrylonitrile	25.0	23.7	23.4	94.8	93.6	55.0-149			1.27	20
Benzene	5.00	5.34	5.44	107	109	70.0-123			1.86	20
Bromochloromethane	5.00	5.09	5.26	102	105	76.0-122			3.29	20
Bromodichloromethane	5.00	5.51	5.87	110	117	75.0-120			6.33	20
Bromoform	5.00	5.34	5.49	107	110	68.0-132			2.77	20
Bromomethane	5.00	7.72	8.21	154	164	10.0-160		J4	6.15	25
Carbon disulfide	5.00	6.04	6.12	121	122	61.0-128			1.32	20
Carbon tetrachloride	5.00	6.24	6.09	125	122	68.0-126			2.43	20
Chlorobenzene	5.00	5.31	5.56	106	111	80.0-121			4.60	20
Chlorodibromomethane	5.00	4.93	5.11	98.6	102	77.0-125			3.59	20
Chloroethane	5.00	5.86	5.64	117	113	47.0-150			3.83	20
Chloroform	5.00	5.55	5.49	111	110	73.0-120			1.09	20
Chloromethane	5.00	5.22	5.57	104	111	41.0-142			6.49	20
Dibromomethane	5.00	5.14	5.48	103	110	80.0-120			6.40	20
1,2-Dibromoethane	5.00	4.86	5.15	97.2	103	80.0-122			5.79	20
1,2-Dibromo-3-Chloropropane	5.00	5.04	5.16	101	103	58.0-134			2.35	20
1,2-Dichlorobenzene	5.00	4.92	5.28	98.4	106	79.0-121			7.06	20
1,4-Dichlorobenzene	5.00	5.06	5.37	101	107	79.0-120			5.94	20
trans-1,4-Dichloro-2-butene	5.00	4.84	5.11	96.8	102	33.0-144			5.43	20
1,1-Dichloroethane	5.00	4.93	5.10	98.6	102	70.0-126			3.39	20
1,2-Dichloroethane	5.00	5.29	5.47	106	109	70.0-128			3.35	20
1,1-Dichloroethene	5.00	5.75	6.16	115	123	71.0-124			6.88	20

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

(LCS) R4220044-1 05/21/25 09:32 • (LCSD) R4220044-2 05/21/25 09:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	5.35	5.41	107	108	73.0-120			1.12	20
trans-1,2-Dichloroethene	5.00	5.57	5.75	111	115	73.0-120			3.18	20
1,2-Dichloropropane	5.00	4.92	5.11	98.4	102	77.0-125			3.79	20
cis-1,3-Dichloropropene	5.00	4.93	5.18	98.6	104	80.0-123			4.95	20
trans-1,3-Dichloropropene	5.00	4.69	5.17	93.8	103	78.0-124			9.74	20
Ethylbenzene	5.00	5.15	5.27	103	105	79.0-123			2.30	20
2-Hexanone	25.0	26.1	27.9	104	112	67.0-149			6.67	20
Iodomethane	25.0	30.9	31.6	124	126	33.0-147			2.24	26
2-Butanone (MEK)	25.0	25.6	26.2	102	105	44.0-160			2.32	20
Methylene Chloride	5.00	5.06	5.29	101	106	67.0-120			4.44	20
4-Methyl-2-pentanone (MIBK)	25.0	25.4	26.0	102	104	68.0-142			2.33	20
Styrene	5.00	4.65	5.00	93.0	100	73.0-130			7.25	20
1,1,1,2-Tetrachloroethane	5.00	5.51	5.55	110	111	75.0-125			0.723	20
1,1,2,2-Tetrachloroethane	5.00	5.20	5.41	104	108	65.0-130			3.96	20
Tetrachloroethene	5.00	5.95	6.16	119	123	72.0-132			3.47	20
Toluene	5.00	5.37	5.62	107	112	79.0-120			4.55	20
1,1,1-Trichloroethane	5.00	6.13	6.22	123	124	73.0-124			1.46	20
1,1,2-Trichloroethane	5.00	5.40	5.33	108	107	80.0-120			1.30	20
Trichloroethene	5.00	5.13	5.51	103	110	78.0-124			7.14	20
Trichlorofluoromethane	5.00	6.61	6.96	132	139	59.0-147			5.16	20
1,2,3-Trichloropropane	5.00	4.87	5.06	97.4	101	73.0-130			3.83	20
Vinyl acetate	25.0	33.5	35.2	134	141	11.0-160			4.95	20
Vinyl chloride	5.00	4.71	5.62	94.2	112	67.0-131			17.6	20
Xylenes, Total	15.0	15.5	15.9	103	106	79.0-123			2.55	20
(S) Toluene-d8				*101*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.7*	*97.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4220045-3 05/21/25 20:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Dibromomethane	U		0.122	1.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

Method Blank (MB)

(MB) R4220045-3 05/21/25 20:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*

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

(LCS) R4220045-1 05/21/25 19:06 • (LCSD) R4220045-2 05/21/25 19:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	22.3	28.0	89.2	112	19.0-160	J	J	22.7	27
Acrylonitrile	25.0	21.0	25.7	84.0	103	55.0-149		J3	20.1	20
Benzene	5.00	5.08	5.39	102	108	70.0-123			5.92	20
Bromochloromethane	5.00	5.03	5.40	101	108	76.0-122			7.09	20
Bromodichloromethane	5.00	5.45	6.00	109	120	75.0-120			9.61	20
Bromoform	5.00	5.42	5.55	108	111	68.0-132			2.37	20
Bromomethane	5.00	6.78	7.95	136	159	10.0-160			15.9	25
Carbon disulfide	5.00	5.54	5.96	111	119	61.0-128			7.30	20
Carbon tetrachloride	5.00	5.51	6.38	110	128	68.0-126		J4	14.6	20
Chlorobenzene	5.00	5.35	5.36	107	107	80.0-121			0.187	20
Chlorodibromomethane	5.00	4.91	5.16	98.2	103	77.0-125			4.97	20
Chloroethane	5.00	4.99	5.32	99.8	106	47.0-150	J		6.40	20
Chloroform	5.00	5.39	6.07	108	121	73.0-120		J4	11.9	20
Chloromethane	5.00	5.07	3.97	101	79.4	41.0-142		J3	24.3	20
Dibromomethane	5.00	4.98	5.50	99.6	110	80.0-120			9.92	20
1,2-Dibromoethane	5.00	4.81	4.83	96.2	96.6	80.0-122			0.415	20
1,2-Dibromo-3-Chloropropane	5.00	4.43	5.08	88.6	102	58.0-134	J		13.7	20
1,2-Dichlorobenzene	5.00	4.89	5.04	97.8	101	79.0-121			3.02	20
1,4-Dichlorobenzene	5.00	4.99	5.17	99.8	103	79.0-120			3.54	20
trans-1,4-Dichloro-2-butene	5.00	5.69	6.11	114	122	33.0-144			7.12	20
1,1-Dichloroethane	5.00	4.75	5.14	95.0	103	70.0-126			7.89	20
1,2-Dichloroethane	5.00	5.42	5.91	108	118	70.0-128			8.65	20
1,1-Dichloroethene	5.00	5.49	5.94	110	119	71.0-124			7.87	20

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

(LCS) R4220045-1 05/21/25 19:06 • (LCSD) R4220045-2 05/21/25 19:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	5.05	5.50	101	110	73.0-120			8.53	20
trans-1,2-Dichloroethene	5.00	5.55	6.04	111	121	73.0-120		J4	8.46	20
1,2-Dichloropropane	5.00	4.68	4.84	93.6	96.8	77.0-125			3.36	20
cis-1,3-Dichloropropene	5.00	4.62	4.84	92.4	96.8	80.0-123			4.65	20
trans-1,3-Dichloropropene	5.00	4.76	5.00	95.2	100	78.0-124			4.92	20
Ethylbenzene	5.00	5.04	5.24	101	105	79.0-123			3.89	20
2-Hexanone	25.0	22.5	26.6	90.0	106	67.0-149			16.7	20
Iodomethane	25.0	31.3	34.1	125	136	33.0-147			8.56	26
2-Butanone (MEK)	25.0	21.9	28.8	87.6	115	44.0-160		J3	27.2	20
Methylene Chloride	5.00	5.04	5.33	101	107	67.0-120			5.59	20
4-Methyl-2-pentanone (MIBK)	25.0	25.1	27.2	100	109	68.0-142			8.03	20
Styrene	5.00	4.65	4.79	93.0	95.8	73.0-130			2.97	20
1,1,1,2-Tetrachloroethane	5.00	5.54	5.83	111	117	75.0-125			5.10	20
1,1,2,2-Tetrachloroethane	5.00	4.74	4.90	94.8	98.0	65.0-130			3.32	20
Tetrachloroethene	5.00	5.77	5.97	115	119	72.0-132			3.41	20
Toluene	5.00	5.31	5.32	106	106	79.0-120			0.188	20
1,1,1-Trichloroethane	5.00	6.10	6.41	122	128	73.0-124		J4	4.96	20
1,1,2-Trichloroethane	5.00	5.00	5.13	100	103	80.0-120			2.57	20
Trichloroethene	5.00	5.17	5.64	103	113	78.0-124			8.70	20
Trichlorofluoromethane	5.00	5.86	6.98	117	140	59.0-147			17.4	20
1,2,3-Trichloropropane	5.00	4.73	5.05	94.6	101	73.0-130			6.54	20
Vinyl acetate	25.0	25.0	26.2	100	105	11.0-160			4.69	20
Vinyl chloride	5.00	4.27	5.30	85.4	106	67.0-131		J3	21.5	20
Xylenes, Total	15.0	15.3	15.3	102	102	79.0-123			0.000	20
(S) Toluene-d8				*102*	*100*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.4*	*98.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*109*	*118*	*70.0-130*				

Method Blank (MB)

(MB) R4221046-3 05/25/25 13:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	0.147	J	0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Dibromomethane	U		0.122	1.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

Method Blank (MB)

(MB) R4221046-3 05/25/25 13:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

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

(LCS) R4221046-1 05/25/25 12:15 • (LCSD) R4221046-2 05/25/25 12:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	43.7	47.4	175	190	19.0-160	J J4	J J4	8.12	27
Acrylonitrile	25.0	30.7	30.9	123	124	55.0-149			0.649	20
Benzene	5.00	5.77	5.74	115	115	70.0-123			0.521	20
Bromochloromethane	5.00	5.77	6.03	115	121	76.0-122			4.41	20
Bromodichloromethane	5.00	5.49	5.56	110	111	75.0-120			1.27	20
Bromoform	5.00	4.52	4.52	90.4	90.4	68.0-132			0.000	20
Bromomethane	5.00	3.45	3.79	69.0	75.8	10.0-160	J	J	9.39	25
Carbon disulfide	5.00	5.95	6.00	119	120	61.0-128			0.837	20
Carbon tetrachloride	5.00	4.31	4.56	86.2	91.2	68.0-126			5.64	20
Chlorobenzene	5.00	5.47	5.21	109	104	80.0-121			4.87	20
Chlorodibromomethane	5.00	4.54	4.61	90.8	92.2	77.0-125			1.53	20
Chloroethane	5.00	4.57	4.26	91.4	85.2	47.0-150	J	J	7.02	20
Chloroform	5.00	6.14	6.10	123	122	73.0-120	J4	J4	0.654	20
Chloromethane	5.00	5.70	5.54	114	111	41.0-142			2.85	20
Dibromomethane	5.00	5.53	5.60	111	112	80.0-120			1.26	20
1,2-Dibromoethane	5.00	5.35	5.32	107	106	80.0-122			0.562	20
1,2-Dibromo-3-Chloropropane	5.00	4.58	4.50	91.6	90.0	58.0-134	J	J	1.76	20
1,2-Dichlorobenzene	5.00	4.59	4.75	91.8	95.0	79.0-121			3.43	20
1,4-Dichlorobenzene	5.00	4.79	4.79	95.8	95.8	79.0-120			0.000	20
trans-1,4-Dichloro-2-butene	5.00	3.66	2.90	73.2	58.0	33.0-144		J3	23.2	20
1,1-Dichloroethane	5.00	5.54	5.68	111	114	70.0-126			2.50	20
1,2-Dichloroethane	5.00	5.92	5.75	118	115	70.0-128			2.91	20
1,1-Dichloroethene	5.00	6.10	6.18	122	124	71.0-124			1.30	20

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

(LCS) R4221046-1 05/25/25 12:15 • (LCSD) R4221046-2 05/25/25 12:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	5.73	5.50	115	110	73.0-120			4.10	20
trans-1,2-Dichloroethene	5.00	6.14	6.00	123	120	73.0-120	J4		2.31	20
1,2-Dichloropropane	5.00	5.35	5.24	107	105	77.0-125			2.08	20
cis-1,3-Dichloropropene	5.00	4.51	4.62	90.2	92.4	80.0-123			2.41	20
trans-1,3-Dichloropropene	5.00	4.18	4.37	83.6	87.4	78.0-124			4.44	20
Ethylbenzene	5.00	4.99	4.93	99.8	98.6	79.0-123			1.21	20
2-Hexanone	25.0	27.1	28.7	108	115	67.0-149			5.73	20
Iodomethane	25.0	17.2	20.6	68.8	82.4	33.0-147			18.0	26
2-Butanone (MEK)	25.0	35.6	33.6	142	134	44.0-160			5.78	20
Methylene Chloride	5.00	5.86	5.89	117	118	67.0-120			0.511	20
4-Methyl-2-pentanone (MIBK)	25.0	31.6	32.3	126	129	68.0-142			2.19	20
Styrene	5.00	4.10	4.12	82.0	82.4	73.0-130			0.487	20
1,1,1,2-Tetrachloroethane	5.00	5.33	5.14	107	103	75.0-125			3.63	20
1,1,2,2-Tetrachloroethane	5.00	4.50	4.56	90.0	91.2	65.0-130			1.32	20
Tetrachloroethene	5.00	5.69	5.73	114	115	72.0-132			0.701	20
Toluene	5.00	5.62	5.42	112	108	79.0-120			3.62	20
1,1,1-Trichloroethane	5.00	5.61	5.87	112	117	73.0-124			4.53	20
1,1,2-Trichloroethane	5.00	5.56	5.55	111	111	80.0-120			0.180	20
Trichloroethene	5.00	6.32	6.09	126	122	78.0-124	J4		3.71	20
Trichlorofluoromethane	5.00	6.23	5.90	125	118	59.0-147			5.44	20
1,2,3-Trichloropropane	5.00	4.71	4.76	94.2	95.2	73.0-130			1.06	20
Vinyl acetate	25.0	20.3	17.6	81.2	70.4	11.0-160			14.2	20
Vinyl chloride	5.00	4.94	4.96	98.8	99.2	67.0-131			0.404	20
Xylenes, Total	15.0	14.9	14.9	99.3	99.3	79.0-123			0.000	20
(S) Toluene-d8				*100*	*99.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.4*	*95.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*102*	*103*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.

Qualifier	Description
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	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/Address:
Legacy Landfill

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Billing Information:
Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Pres Chk

Report to:
Melissa Vaught 501-920-9642

Email To:
mvaught@olsson.com;mclayton@olsson.com;a

Project Description:
Craighead County - Legacy Landfill

City/State Collected: Jonesboro, AR

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
024-01259

Lab Project #
LEGLDFJAR-CRAIGHEAD

Collected by (print):
Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature):
Immediately Packed on Ice N ___ Y V

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Chloride, Sulfate 125mlHDPE-NoPres	M6010AP1 + Fe, Mn 250mlHDPE-HNO3	TDS 1L-HDPE NoPres	TOC 250mlHDPE-HCl	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl-Blk				Remarks	Sample # (lab only)
MW-25		GW				6	X	X	X	X	X						
MW-26	Grab	GW		5/15/25	1420	6	X	X	X	X	X	X				-03	-02 TP
MW-27R	Grab	GW		5/15/25	1255	6	X	X	X	X	X					-04	-03
MW-28	Grab	GW		5/16/25	1105	6	X	X	X	X	X					-05	-04
MW-29	Grab	GW		5/16/25	935	6	X	X	X	X	X					-06	-05
LEACHATE BLDG A	Grab	GW		5/16/25	1210	6	X	X	X	X	X					-07	-06
LEACHATE BLDG B	Grab	GW		5/16/25	1230	6	X	X	X	X	X					-08	-07
LEACHATE BLDG C	Grab	GW		5/16/25	1300	6	X	X	X	X	X					-09	-08
MW-14R DUP		GW				6	X	X	X	X	X						
EB-1		GW		5/16/25	1150	6	X	X	X	X	X					-10	-09

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

Remarks:
Trip Blank

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 60
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5-17-25 Time: 845 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L186 0472
J108

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1147289**
PM: **134 - Mark W. Beasley**
PB: 4/28/25 BK
Shipped Via: **FedEX Ground**

Company Name/Address:
Legacy Landfill

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Billing Information:
Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Report to:
Melissa Vaught 501-920-9642

Email To:
mvaught@olsson.com;mclayton@olsson.com;a

Project Description:
Craighead County - Legacy Landfill

City/State Collected: Jonesboro AR

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
024-01259

Lab Project #
LEGLDFJAR-CRAIGHEAD

Collected by (print):
Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature):
Immediately
Packed on Ice N ___ Y V

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Pres Chk: N V

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Chloride, Sulfate 125mlHDPE-NoPres	M6010AP1 + Fe, Mn 250mlHDPE-HNO3	TDS 1L-HDPE NoPres	TOC 250mlHDPE-HCl	V8260AP1 40mlAmb-HCl	V8260AP1 - Trip Blk 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-9R2	Grab	GW		5/15/25	1115	6	X	X	X	X	X		-01	
MW-14R		GW				6	X	X	X	X	X			
MW-16R	Grab	GW		5/15/25	930	6	X	X	X	X	X		-02	
MW-17R		GW				6	X	X	X	X	X			
MW-19		GW				6	X	X	X	X	X			
MW-20R		GW				6	X	X	X	X	X			
MW-21		GW				6	X	X	X	X	X			
MW-22		GW				6	X	X	X	X	X			
MW-23		GW				6	X	X	X	X	X			
MW-24		GW				6	X	X	X	X	X			

* 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 #

Relinquished by : (Signature) Michael Clayton | Date: 5/16/25 | Time: 1500 | Received by: (Signature)

Relinquished by : (Signature) | Date: | Time: | Received by: (Signature)

Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) Jennifer Cain

Trip Blank Received: Yes / No (HCl / MeoH) TBR

Temp: °C Bottles Received: 60

Date: 5-17-25 Time: 845 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

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

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1860472

Table #

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1147289**
PM: **134 - Mark W. Beasley**
PB: 4/28/25 BK

Shipped Via: **FedEX Ground**

Multiple Parcel Form L# L1860472

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
4544 7725 3079	TLA9	3.4	0.4	3.8	Yes / No / Not Present
4544 7725 3881	↓	0.7	↓	1.1	Yes / No / Not Present
4544 7725 3892	↓	0.2	↓	0.6	Yes / No / Not Present
			↓		Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Name

5-17-25
Date

ANALYTICAL REPORT

June 03, 2025

Legacy Landfill

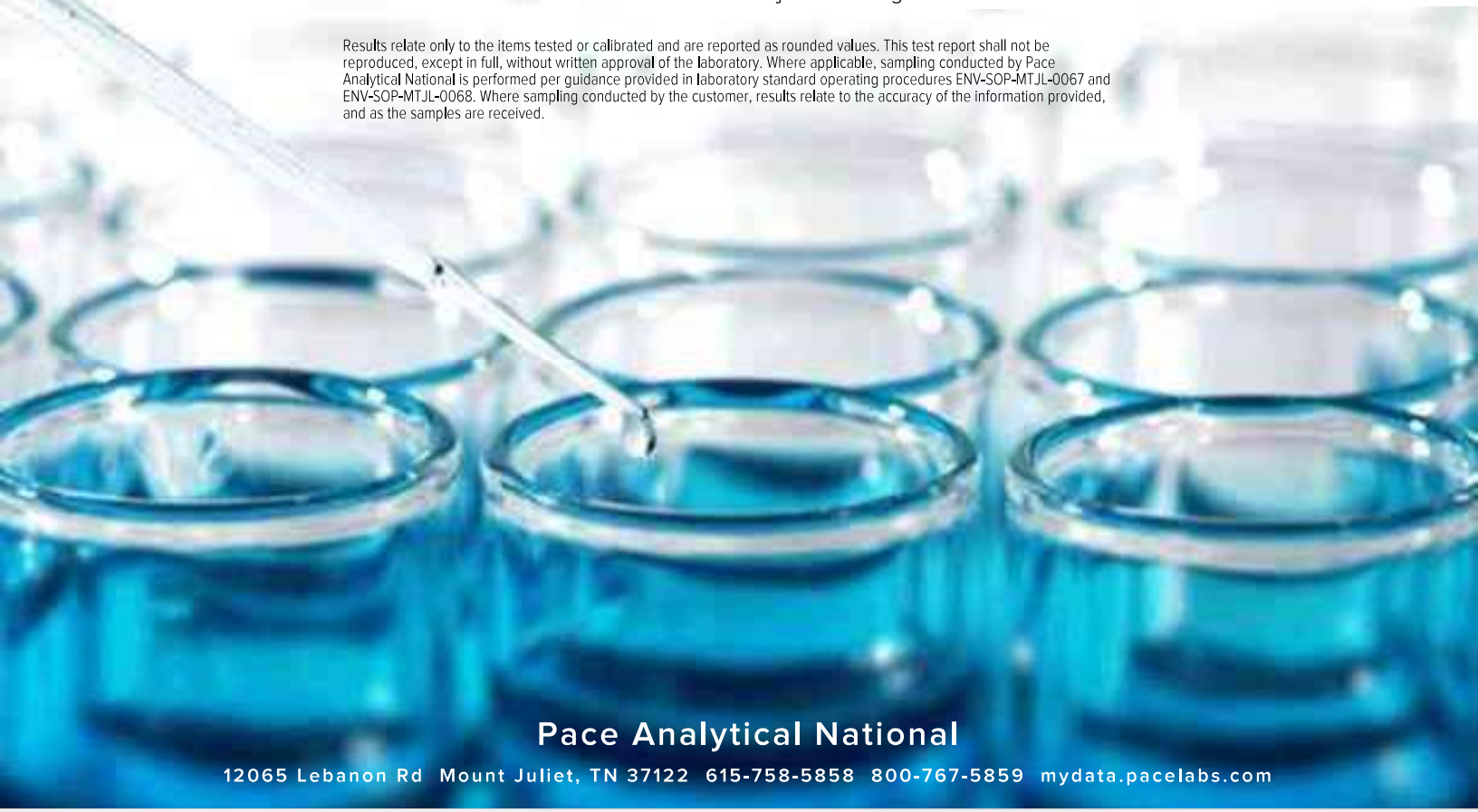
Sample Delivery Group:	L1861078
Samples Received:	05/10/2025
Project Number:	024-01259
Description:	Craighead County - Legacy Landfill

Report To: Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 4

Sr: Sample Results 5

MW-17R L1861078-01 5

MW-21 L1861078-02 6

MW-22 L1861078-03 7

Qc: Quality Control Summary 8

Wet Chemistry by Method 9060A 8

Metals (ICPMS) by Method 6020B 9

Gl: Glossary of Terms 10

Al: Accreditations & Locations 11

Sc: Sample Chain of Custody 12

SAMPLE SUMMARY

MW-17R L1861078-01

Collected by: Michael Clayton | Collected date/time: 05/08/25 09:30 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9060A	WG2521840	1	05/24/25 15:58	05/24/25 15:58	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2524712	1	05/28/25 22:32	05/30/25 13:13	JDB	Mt. Juliet, TN

MW-21 L1861078-02

Collected by: Michael Clayton | Collected date/time: 05/06/25 16:40 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2524712	1	05/28/25 22:32	05/30/25 13:16	JDB	Mt. Juliet, TN

MW-22 L1861078-03

Collected by: Michael Clayton | Collected date/time: 05/07/25 11:15 | Received date/time: 05/10/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2524712	1	05/28/25 22:32	05/30/25 13:19	JDB	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.



Mark W. Beasley
Project Manager

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	803	J	495	1000	1	05/24/2025 15:58	WG2521840

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Manganese	65.5		0.700	5.00	1	05/30/2025 13:13	WG2524712

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3990		22.6	100	1	05/30/2025 13:16	WG2524712

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Barium	89.1		0.500	2.00	1	05/30/2025 13:19	WG2524712

Method Blank (MB)

(MB) R4220162-2 05/24/25 06:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1860629-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1860629-02 05/24/25 08:21 • (DUP) R4220162-5 05/24/25 08:40

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	2220	2360	1	6.07		20

L1860751-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1860751-01 05/24/25 13:14 • (DUP) R4220162-6 05/24/25 13:36

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1590	1420	1	11.0		20

Laboratory Control Sample (LCS)

(LCS) R4220162-1 05/24/25 05:44

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	25400	102	80.0-120	

L1860629-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860629-01 05/24/25 07:12 • (MS) R4220162-3 05/24/25 07:36 • (MSD) R4220162-4 05/24/25 08:00

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	3440	26200	27600	91.2	96.4	1	75.0-125			4.87	20

L1860751-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860751-02 05/24/25 13:57 • (MS) R4220162-7 05/24/25 14:19 • (MSD) R4220162-8 05/24/25 14:42

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	6440	30200	30900	95.0	97.7	1	75.0-125			2.26	20

Method Blank (MB)

(MB) R4223023-1 05/30/25 12:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Barium	U		0.500	2.00
Iron	U		22.6	100
Manganese	U		0.700	5.00

Laboratory Control Sample (LCS)

(LCS) R4223023-2 05/30/25 12:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Barium	50.0	49.5	99.1	80.0-120	
Iron	1000	993	99.3	80.0-120	
Manganese	50.0	52.1	104	80.0-120	

L1860961-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1860961-03 05/30/25 12:11 • (MS) R4223023-4 05/30/25 12:18 • (MSD) R4223023-5 05/30/25 12:21

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Barium	50.0	47.0	99.0	97.4	104	101	1	75.0-125			1.66	20
Iron	1000	U	984	973	98.4	97.3	1	75.0-125			1.14	20
Manganese	50.0	1.69	50.7	50.3	98.1	97.2	1	75.0-125			0.864	20

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.
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.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/A
Legacy Landfill

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Billing Information:
Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Pres Chk

Report to:
Melissa Vaught 501-920-9642

Email To:
mvaught@olsson.com;mclayton@olsson.com;a

Project Description:
Craighead County - Legacy Landfill

City/State Collected: Jonesboro AR

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
024-01259

Lab Project #
LEGLDFJAR-CRAIGHEAD

Collected by (print):
Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature):
Michael Clayton
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 ___ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of C

Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
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~~L1653570~~ AN 5/21/25

SDG # F186

T. L1861078

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1147288**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Chloride, Sulfate 125mlHDPE-NoPres	M6010AP1 + Fe, Mn 250mlHDPE-HNO3	TDS 1L-HDPE NoPres	TOC 250mlHDPE-HCl	V8260AP1 40mlAmb-HCl	V8260AP1- Trip Blk 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
~~MW-9R2~~		~~GW~~				6	X	X	X	X	X			
MW-14R	Grab	GW		5/7/25	1505	6	X	X	X	X	X			~~01~~
~~MW-16R~~		~~GW~~		~~5/7/25~~ MCL	~~1505~~	6	X	X	X	X	X			
MW-17R		GW		5/8/25	930	6	X	X	X	X	X			~~02~~ -01
MW-19		GW		5/8/25	1150	6	X	X	X	X	X			~~03~~
MW-20R		GW		5/8/25	1605	6	X	X	X	X	X			~~04~~
MW-21		GW		5/6/25	1640	6	X	X	X	X	X			~~05~~ -02
MW-22		GW		5/7/25	1115	6	X	X	X	X	X			~~06~~ -03
MW-23		GW		5/6/25	1010	6	X	X	X	X	X			~~07~~
MW-24		GW		5/6/25	1350	6	X	X	X	X	X			~~08~~

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Michael Clayton	5/9/25	0930			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 60	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) CRoberts	Date: 05/10/25 Time: 0845	Hold: / Condition: NCF / OK

L1857530 *LEGLDFJAR* relog

R2/R3/R4/RX/EX

Relog the following as EX due 5/28:

L1857530-02 MNG, TOC

L1857530-05 FEG

L1857530-06 BAG

• • *

From: Melissa Vaught <mvaught@olsson.com>

Sent: Wednesday, May 21, 2025 7:23 AM

To: Mark Beasley <Mark.Beasley@pacelabs.com>

Cc: Andrew Pruitt <apruitt@olsson.com>

Subject: RE: Pace Analytical National Level II Report for 024-01259 Craighead County - Legacy Landfill L1857530

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Mark – Good morning. For this data set, could you have the lab confirm the following results and rerun, if the sample is within the hold
time?

MW-17R: manganese and TOC

MW-21: iron

MW-22: barium

Questions, please let me know.

Melissa

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the intended recipient, please contact the sender immediately and delete any copies.

P Please consider the environment before printing this email

Time estimate: oh **Time spent:** oh

Members

MB Mark Beasley (responsible)

FIRST HALF 2025 VERIFICATION SAMPLING EVENT
JULY 2025

ANALYTICAL REPORT

August 13, 2025

Legacy Landfill

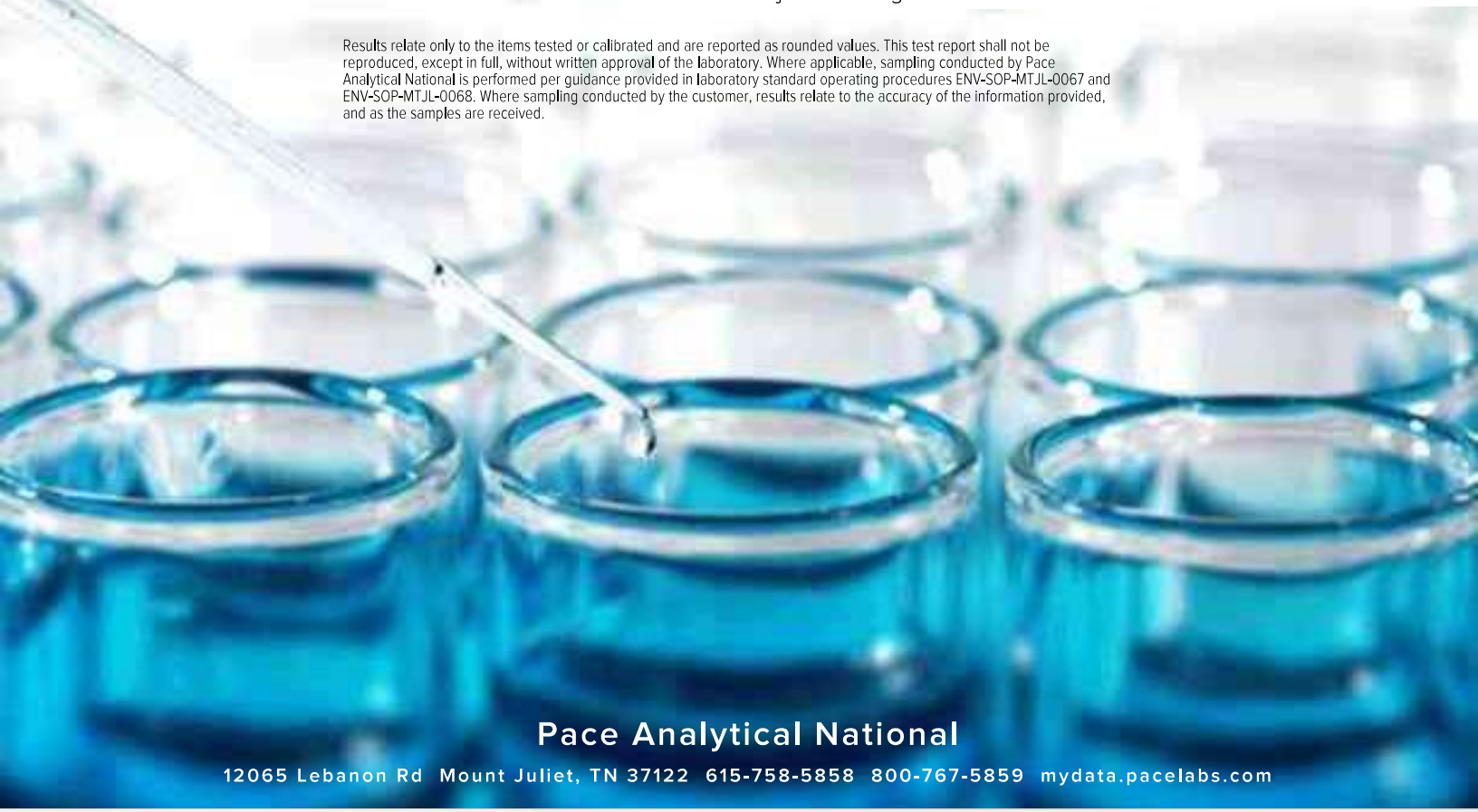
Sample Delivery Group:	L1883529
Samples Received:	07/30/2025
Project Number:	A25-01259
Description:	Craighead County - Legacy Landfill

Report To: Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 4

Sr: Sample Results 5

MW-22 L1883529-01 5

MW-22 DUP L1883529-02 6

MW-21 L1883529-03 7

EB-2 L1883529-04 8

Qc: Quality Control Summary 9

Gravimetric Analysis by Method 2540 C-2011 9

Wet Chemistry by Method 9056A 10

Metals (ICPMS) by Method 6020B 11

Gl: Glossary of Terms 12

Al: Accreditations & Locations 13

Sc: Sample Chain of Custody 14

MW-22 L1883529-01

Collected by: Michael Clayton | Collected date/time: 07/29/25 11:20 | Received date/time: 07/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2570086	1	08/04/25 11:39	08/12/25 17:12	TMT	Mt. Juliet, TN

MW-22 DUP L1883529-02

Collected by: Michael Clayton | Collected date/time: 07/29/25 11:25 | Received date/time: 07/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2570086	1	08/04/25 11:39	08/12/25 17:26	TMT	Mt. Juliet, TN

MW-21 L1883529-03

Collected by: Michael Clayton | Collected date/time: 07/29/25 09:55 | Received date/time: 07/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2571687	1	08/02/25 17:10	08/05/25 12:52	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2570066	1	08/05/25 06:31	08/05/25 06:31	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2570086	1	08/04/25 11:39	08/12/25 17:34	TMT	Mt. Juliet, TN

EB-2 L1883529-04

Collected by: Michael Clayton | Collected date/time: 07/29/25 11:40 | Received date/time: 07/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2571687	1	08/02/25 17:10	08/05/25 12:52	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2570066	1	08/05/25 07:36	08/05/25 07:36	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2570086	1	08/04/25 11:39	08/12/25 17:37	TMT	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.



Mark W. Beasley
Project Manager

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	5.52		0.120	2.00	1	08/12/2025 17:12	WG2570086
Barium	71.9		0.500	2.00	1	08/12/2025 17:12	WG2570086
Iron	2160		22.6	100	1	08/12/2025 17:12	WG2570086

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	5.20		0.120	2.00	1	08/12/2025 17:26	WG2570086
Barium	67.7		0.500	2.00	1	08/12/2025 17:26	WG2570086
Iron	1800		22.6	100	1	08/12/2025 17:26	WG2570086

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	465000		10000	1	08/05/2025 12:52	WG2571687

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	55500	J6	637	5000	1	08/05/2025 06:31	WG2570066

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	2540		22.6	100	1	08/12/2025 17:34	WG2570086

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10000	1	08/05/2025 12:52	WG2571687

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	U		637	5000	1	08/05/2025 07:36	WG2570066

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	0.191	J	0.120	2.00	1	08/12/2025 17:37	WG2570086
Barium	0.513	J	0.500	2.00	1	08/12/2025 17:37	WG2570086
Iron	49.6	J	22.6	100	1	08/12/2025 17:37	WG2570086

Method Blank (MB)

(MB) R4255378-1 08/05/25 12:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	U		10000	10000

L1883258-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1883258-07 08/05/25 12:52 • (DUP) R4255378-3 08/05/25 12:52

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1360000	1300000	1	4.14		10

L1883529-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1883529-04 08/05/25 12:52 • (DUP) R4255378-4 08/05/25 12:52

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R4255378-2 08/05/25 12:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8810000	100	90.0-110	

QUALITY CONTROL SUMMARY

L1883529-03,04

Method Blank (MB)

(MB) R4254793-1 08/05/25 01:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Sulfate	U		637	5000

L1883529-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1883529-03 08/05/25 06:31 • (DUP) R4254793-3 08/05/25 06:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	55500	55600	1	0.128		15

L1883529-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1883529-04 08/05/25 07:36 • (DUP) R4254793-6 08/05/25 07:52

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4254793-2 08/05/25 01:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40000	41600	104	80.0-120	

L1883529-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1883529-03 08/05/25 06:31 • (MS) R4254793-4 08/05/25 07:03 • (MSD) R4254793-5 08/05/25 07:20

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfate	40000	55500	83700	82500	70.3	67.4	1	80.0-120	J6	J6	1.39	15

L1883529-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1883529-04 08/05/25 07:36 • (MS) R4254793-7 08/05/25 08:09

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Sulfate	40000	U	40800	102	1	80.0-120	

Method Blank (MB)

(MB) R4257563-1 08/12/25 16:02

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Iron	U		22.6	100

Laboratory Control Sample (LCS)

(LCS) R4257563-2 08/12/25 16:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	50.0	48.7	97.5	80.0-120	
Barium	50.0	46.7	93.4	80.0-120	
Iron	1000	1030	103	80.0-120	

L1883383-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1883383-01 08/12/25 16:16 • (MS) R4257563-4 08/12/25 16:19 • (MSD) R4257563-5 08/12/25 16:22

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	50.0	7.36	52.2	53.1	89.6	91.5	1	75.0-125			1.79	20
Barium	50.0	116	161	166	89.7	101	1	75.0-125			3.41	20
Iron	1000	2440	3310	3550	87.5	112	1	75.0-125			7.01	20

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.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
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.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
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.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
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.

Legacy Landfill

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Report to: **Melissa Vaught 501-920-9642**

Email To: **mvaught@olsson.com;mclayton@olsson.com;a**

Project Description: **Craighead County - Legacy Landfill**

City/State Collected: Jonesboro Ar

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project # **A25-01259**

Lab Project # **LEGLDFJAR-CRAIGHEAD**

Collected by (print): Michael Clayton

Collected by (signature):

Immediately Packed on Ice N ___ Y J

Site/Facility ID #

P.O. #

Quote #

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

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SULFATE 125mlHDPE-NoPres	TDS 1L-HDPE NoPres	Total As,Ba,Fe 250mlHDPE-HNO3	Total Fe 250mlHDPE-HNO3	Pres Chk	Remarks	Sample # (lab only)
MW-22	Grab	GW		7/29/25	1120	1			X				01
MW-22 DUP		GW		7/29/25	1125	1			X				02
MW-21		GW		7/29/25	955	3	X	X		X			03
EB-2	Grab	GW		7/29/25	1140	3	X	X	X				04
		GW				3	X	X	X				
		GW				3	X	X	X				

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

PH - 10BDH2633
TRC - 407287?

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 4580 6320 8020

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)
	7/29/25	1230	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / ~~No~~ HCL / MeoH TBR

Temp: °C Bottles Received: 8

TIA 94-6-0-1:4-5

Date: 07/30/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

APPENDIX C
HISTORICAL DATABASE

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-6	downgradient																				
	3/16/1995	0.29	<0.006	<0.005	<1	<0.004	<0.005	28.4	12	<0.005	<1	<3.7	<0.03	389	0.94	<0.015	<0.05	n/a	<1	<0.005	<0.05
	5/23/1995	0.25	<0.006	<0.005	<1	<0.004	<0.005	101	22.5	<0.05	<0.03	21	<0.03	377	17.4	0.0217	0.86	n/a	<0.05	<0.005	<0.05
	6/29/1995	0.12	<0.006	<0.005	<1	<0.004	<0.005	114	13.8	<0.05	<0.03	24	<0.03	366	2.51	<0.015	0.56	n/a	<0.1	<0.005	<0.05
	7/25/1995	0.3	<0.006	<0.005	<1	<0.004	<0.005	106	12	<0.05	<0.03	<3.7	<0.03	368	0.98	<0.015	0.58	n/a	<0.1	<0.005	<0.05
	2/8/1996	0.09	<0.014	<0.008	<1	<0.004	<0.005	103	12	<0.05	<0.03	<3.7	<0.03	362	1.37	<0.015	0.95	n/a	<0.1	<0.008	<0.05
	8/6/1996	<0.1	<0.006	<0.01	<1	<0.004	<0.005	91.3	10	<0.05	<0.02	<3.7	<0.03	382	2.33	0.033	0.79	n/a	<0.05	<0.01	<0.05
	2/26/1997	<0.07	<0.006	<0.01	<1	<0.004	<0.005	109	10.5	<0.05	<0.02	7	<0.03	473	3.22	0.036	0.59	n/a	<0.05	<0.01	<0.05
	9/10/1997	0.37	<0.006	<0.01	<1	<0.004	<0.005	109	22	<0.05	<0.02	11	<0.03	467	2.95	<0.015	0.149	n/a	<0.05	<0.02	<0.05
MW-6R	downgradient																				
	9/23/1998	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	87	20.5	<0.01	<0.02	7	<0.005	395	1.26	<0.005	0.455	n/a	<0.01	<0.01	<0.01
	3/16/1999	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	88.2	21	<0.01	<0.02	<3.7	<0.005	403	2.66	<0.005	0.31	n/a	<0.01	<0.01	<0.01
	9/29/1999	0.36	<0.006	<0.005	0.19	<0.002	<0.003	88.2	11.3	<0.01	<0.02	4	<0.005	404	3.19	<0.005	0.327	n/a	<0.01	0.007	<0.01
	3/14/2000	<0.06	<0.006	<0.005	0.144	<0.002	<0.003	94.1	21	<0.01	<0.01	<3.7	<0.005	401	2.71	<0.005	0.24	n/a	<0.01	<0.01	<0.01
	9/20/2000	<0.06	<0.006	<0.005	0.191	<0.002	<0.003	94.2	21	<0.01	<0.02	<3.7	<0.005	416	1.51	<0.005	0.26	n/a	<0.01	<0.01	<0.01
	3/21/2001	<0.06	<0.006	<0.005	0.179	<0.002	<0.003	92.2	10.8	<0.01	<0.02	<3.7	<0.005	412	3.31	<0.005	0.24	n/a	<0.01	<0.01	<0.01
	9/26/2001	0.11	<0.006	<0.005	0.079	<0.002	<0.003	178	13.2	<0.01	<0.02	<3.7	<0.005	824	3.4	<0.005	2.77(O)	n/a	<0.01	<0.005	<0.01
	3/27/2002	<0.06	<0.006	<0.005	0.232	<0.002	<0.003	94.1	18.2	<0.01	<0.02	<3.7	<0.005	424	2.65	<0.005	0.421	n/a	<0.01	<0.01	<0.01
	9/25/2002	<0.06	<0.006	<0.005	0.258	<0.002	<0.003	114	17	<0.01	<0.02	<3.7	<0.005	561	2.56	<0.005	1.38(O)	n/a	<0.01	<0.01	<0.01
	4/1/2003	0.12	<0.006	<0.005	0.187	<0.002	<0.003	102	19.8	<0.01	<0.02	<3.7	0.0062	435	2.91	<0.005	0.346	n/a	<0.01	<0.01	<0.01
	9/17/2003	0.07	<0.006	<0.005	0.087	<0.002	<0.003	108	17	<0.01	<0.02	<3.7	<0.005	480	4.06	<0.005	0.281	n/a	<0.01	<0.01	<0.01
	3/24/2004	0.1	<0.006	<0.005	0.158	<0.002	<0.003	62.3	20.5	<0.01	<0.02	<3.7	<0.005	432	2.95	<0.005	0.351	n/a	<0.01	<0.01	<0.01
	9/14/2004	n/a	<0.006	<0.005	0.172	<0.004	<0.003	n/a	21.7	<0.01	<0.02	n/a	<0.005	511	2.93	<0.005	0.407	n/a	<0.01	<0.01	<0.01
	3/9/2005	n/a	<0.006	<0.005	<0.01	<0.002	<0.003	n/a	23.5	<0.005	<0.02	n/a	<0.005	442	2.87	<0.005	0.355	n/a	<0.01	<0.01	<0.01
	9/28/2005	n/a	<0.002	<0.0015	0.131	0.00241	<0.0003	n/a	20.5	0.000593	<0.02	n/a	<0.002	434	3.81	0.00233	0.243	n/a	<0.01	<0.003	<0.00057
	3/15/2006	n/a	<0.002	0.00191	0.0544	<0.00018	<0.0003	n/a	32	0.000893	<0.02	n/a	<0.002	428	3.22	<0.001	0.37	n/a	0.0414(O)	<0.003	<0.00057
	9/20/2006	n/a	<0.002	<0.005	0.0629	<5E-05	<0.0003	n/a	19.5	<0.0015	<0.1	n/a	<0.002	488	2.99	<0.001	0.346	n/a	<0.005	<0.005	<0.00057
	3/6/2007	n/a	<0.002	<0.0015	0.0605	<5E-05	<0.0003	n/a	19	<0.0005	<0.02	n/a	<0.002	417	2.05	<0.001	0.303	n/a	<0.002	<0.003	<0.00057
	9/19/2007	n/a	<0.00092	<0.00074	0.199	<0.00032	<0.000595	n/a	22	0.00065	<0.0005	n/a	<0.005	623	<0.05	<0.000424	0.319	n/a	0.00065	<0.00356	<0.000434
	4/1/2008	n/a	<0.0025	<0.0037	0.194	<0.0016	<0.003	n/a	24.9	0.002	<0.0025	n/a	0.0022	495	<10	<0.0005	0.349	n/a	0.0033	<0.0178	<0.00125
	9/18/2008	n/a	<0.0004	0.00184	0.232	<0.0002	<0.0002	n/a	<15	0.00038	<0.001	n/a	0.00188	545	3.86	<0.0002	0.372	n/a	0.00066	<0.001	<0.0002
	3/17/2009	n/a	<0.0004	0.00318	0.198	<0.0002	<0.0002	n/a	17	0.00136	<0.001	n/a	0.00046	502	5.26	0.00074	0.33	n/a	0.000178	<0.001	<0.0002
	10/7/2009	n/a	<0.0004	0.00216	0.215	<0.0002	<0.0002	n/a	18.4	0.00046	<0.001	n/a	0.00186	535	10.1	2E-05	0.346	n/a	0.00048	<0.001	<0.0002
	3/16/2010	n/a	<0.0003	0.0021	0.213	<0.0003	<0.0002	n/a	17.8	<0.0005	<0.001	n/a	<0.0003	459	3.01	<0.0001	0.654	n/a	0.0068	<0.002	<0.0008
	9/28/2010	n/a	<0.0003	0.0017	0.243	<0.0003	<0.0002	n/a	17.3	<0.0005	<0.001	n/a	<0.0003	484	3.9	<0.0001	0.37	n/a	0.0012	<0.002	<0.0008
	3/13/2012	n/a	<0.001	0.0013	0.26	<0.001	<0.0005	n/a	21	<0.01	<0.01	n/a	0.0012	510	4.6	0.00024	0.44	n/a	<0.02	0.00057	<0.01
	9/26/2012	n/a	<0.001	0.001	0.26	<0.001	<0.0005	n/a	21	<0.01	<0.01	n/a	<0.002	580	4.8	<0.001	0.45	n/a	<0.02	<0.001	<0.01
	3/5/2014	n/a	<0.001	0.0024	0.21	<0.001	0.00038	n/a	18	0.0031	0.00054	n/a	0.00089	420	3.6	0.0022	0.44	n/a	0.0091	0.0017	<0.001
	6/9/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MW-8	downgradient																				
	3/16/1995	0.06	<0.006	<0.005	<1	<0.004	<0.005	25.9	17	<0.005	<0.1	<3.7	<0.03	429	0.72	<0.015	<0.05	n/a	<1	<0.005	<0.05
	5/23/1995	0.16	<0.006	<0.005	<1	<0.004	<0.005	100	18.5	<0.05	<0.03	8	<0.03	425	2.56	<0.015	0.795	n/a	<0.05	<0.005	<0.05
	6/29/1995	0.2	<0.006	<0.005	<1	<0.004	<0.005	110	18	<0.05	<0.03	31	<0.03	399	1.39	<0.015	0.69	n/a	<0.1	<0.005	<0.05
	7/25/1995	0.23	<0.006	<0.005	<1	<0.004	<0.005	95	13	<0.05	<0.03	<3.7	<0.03	405	1.74	<0.015	0.7	n/a	<0.1	<0.005	<0.05
	2/8/1996	<0.05	<0.014	<0.008	<1	<0.004	<0.005	94	19	<0.05	<0.03	<3.7	<0.03	404	1.78	0.036	0.68	n/a	<0.1	<0.008	<0.05
	8/6/1996	0.091	<0.006	<0.01	<1	<0.004	<0.005	89.8	14	<0.05	<0.02	<3.7	<0.03	395	1.68	<0.015	0.66	n/a	<0.05	<0.01	<0.05
	2/26/1997	<0.07	<0.006	<0.01	<1	<0.004	<0.005	103	15	<0.05	<0.02	<3.7	<0.03	398	1.49	0.02	0.53	n/a	<0.05	<0.01	<0.05
	9/10/1997	0.18	<0.006	<0.01	<1	<0.004	<0.005	93	34	<0.05	<0.02	7	<0.03	422	2.4	<0.015	0.685	n/a	<0.05	<0.02	<0.05
	4/9/1998	0.08	<0.006	<0.01	0.2	<0.002	<0.003	94.6	12.7	<0.01	<0.02	<3.7	<0.005	395	1.85	<0.005	0.65	n/a	<0.01	<0.01	<0.01
	9/23/1998	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	98	13.5	<0.01	<0.02	11	<0.005	420	1.68	<0.005	0.622	n/a	<0.01	<0.01	<0.01

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-8	3/16/1999	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	96.2	16	<0.01	<0.02	<3.7	<0.005	410	1.85	<0.005	0.62	n/a	<0.01	<0.01	<0.01
(cont.)	9/29/1999	0.12	<0.006	<0.005	0.18	<0.002	<0.003	86.2	7.5	<0.01	<0.02	<3.7	<0.005	387	1.56	<0.005	0.644	n/a	<0.01	<0.01	<0.01
	3/14/2000	<0.06	<0.006	<0.005	0.122	<0.002	<0.003	94.1	14	<0.01	<0.01	<3.7	<0.005	382	1.35	<0.005	0.56	n/a	<0.01	<0.01	<0.01
	9/20/2000	<0.06	<0.006	<0.005	0.162	<0.002	<0.003	96.2	11.5	<0.01	<0.02	<3.7	<0.005	386	<0.03	<0.005	0.44	n/a	<0.01	<0.01	<0.01
	3/21/2001	<0.06	<0.006	<0.005	0.166	<0.002	<0.003	80.2	17	<0.01	<0.02	<3.7	<0.005	369	1.11	<0.005	0.49	n/a	<0.01	<0.01	<0.01
	9/26/2001	<0.05	<0.006	<0.005	0.094	<0.002	<0.003	78.1	12	<0.01	<0.02	<3.7	<0.005	333	0.831	<0.005	0.477	n/a	<0.01	<0.005	<0.01
	3/27/2002	0.06	<0.006	<0.005	0.201	<0.002	<0.003	78.2	11.5	<0.01	<0.02	<3.7	<0.005	360	0.803	<0.005	0.471	n/a	<0.01	<0.01	<0.01
	9/25/2002	0.06	<0.006	<0.005	0.214	<0.002	<0.003	72.1	9.5	<0.01	<0.02	<3.7	<0.005	336	0.768	<0.005	0.425	n/a	<0.01	<0.01	<0.01
	4/1/2003	<0.05	<0.006	<0.005	0.16	<0.002	<0.003	80	11.5	<0.01	<0.02	<3.7	<0.005	353	0.854	<0.005	0.44	n/a	<0.01	<0.01	<0.01
	9/17/2003	<0.06	<0.006	<0.005	0.08	<0.002	<0.003	88	13	<0.01	<0.02	<3.7	<0.005	373	1.41	<0.005	0.402	n/a	<0.01	<0.01	<0.01
	3/24/2004	0.05	<0.006	<0.005	0.123	<0.002	<0.003	57.2	12.7	<0.01	<0.02	<3.7	<0.005	377	0.846	<0.005	0.499	n/a	<0.01	<0.01	<0.01
	9/14/2004	n/a	<0.006	<0.005	0.139	<0.004	<0.003	n/a	13.5	<0.01	<0.02	n/a	<0.005	362	1.167	<0.005	0.528	n/a	<0.01	<0.01	<0.01
	3/9/2005	n/a	<0.006	<0.005	0.02	<0.002	<0.003	n/a	13.2	<0.005	<0.02	n/a	<0.005	366	0.728	<0.005	0.438	n/a	<0.01	<0.01	<0.01
	9/28/2005	n/a	0.0973(R)	<0.00018	<0.0003	0.00134	<0.02	14.5	0.348	<0.002	<0.001	0.643	<0.01	<0.0015(O)	n/a	<0.003	45.2(O)	n/a	<0.00057	<0.001	<0.002
	3/15/2006	n/a	<0.002	0.00215	0.0356	<0.00018	<0.0003	n/a	27	0.00115	<0.02	n/a	<0.002	347	0.566	<0.001	0.348	n/a	0.0334	<0.003	<0.00057
	9/20/2006	n/a	<0.002	<0.005	0.0381	<5E-05	<0.0003	n/a	14	<0.0015	<0.1	n/a	<0.002	364	0.376	<0.001	0.369	n/a	<0.005	<0.005	<0.00057
	3/6/2007	n/a	<0.002	<0.0015	0.0335	<5E-05	<0.0003	n/a	12.5	0.000899	<0.02	n/a	<0.002	355	0.355	<0.001	0.328	n/a	0.00238	<0.003	<0.00057
	9/19/2007	n/a	<0.00092	<0.00074	0.138	<0.00032	<0.000595	n/a	26	0.00175	<0.0005	n/a	<0.0005	384	<0.05	<0.000424	0.366	n/a	0.00145	<0.00356	<0.000434
	4/1/2008	n/a	<0.0025	<0.0037	0.146	<0.0016	<0.003	n/a	24.9	0.0008	<0.0025	n/a	<0.001	388	<10	<0.0005	0.383	n/a	0.0012	<0.0178	<0.00125
	9/18/2008	n/a	<0.0004	0.00212	0.158	<0.0002	<0.0002	n/a	<15	0.00104	<0.001	n/a	0.0002	405	0.763	<0.0002	0.461	n/a	0.00166	<0.001	<0.0002
	3/17/2009	n/a	<0.0004	0.0012	0.141	<0.0002	<0.0002	n/a	10.3	0.00036	<0.001	n/a	0.00598	456	0.104	<0.0002	0.0206	n/a	0.00094	<0.001	<0.0002
	10/7/2009	n/a	<0.0004	0.00214	0.146	<0.0002	6E-05	n/a	10.5	0.00204	0.00044	n/a	0.00222	379	0.725	6E-05	0.384	n/a	0.00238	<0.001	<0.0002
	3/16/2010	n/a	<0.0003	0.0021	0.149	<0.0003	<0.0002	n/a	8.18	0.003	<0.001	n/a	<0.0003	340	0.679	0.0002	0.401	n/a	0.0043	<0.002	<0.0008
	9/28/2010	n/a	<0.0003	0.004	0.164	<0.0003	<0.0002	n/a	9.13	0.009	<0.001	n/a	0.0022	353	2.04	0.0012	0.349	n/a	0.0064	<0.002	<0.0008
	9/26/2012	n/a	<0.001	0.0018	0.16	<0.001	<0.0005	n/a	11	0.0043	<0.01	n/a	0.00053	360	1.1	<0.001	0.27	n/a	<0.02	<0.001	<0.01
	3/5/2014	n/a	<0.001	0.0021	0.14	<0.001	0.00041(J)	n/a	9.5	0.0054	0.00075(J)	n/a	0.0029	330	0.56	0.0025	0.24	n/a	0.0053	0.0014	<0.001
	10/16/2015	n/a	<0.002	0.00247	0.129	<0.002	<0.001	n/a	8.1	0.0065	0.00039(J)	n/a	<0.005	307	0.374	<0.002	0.261	n/a	0.00512	<0.002	<0.002
	6/15/2017	n/a	<0.002	0.00183(J)	0.13	<0.002	<0.001	n/a	7.94	0.00182(J)	0.000327(J)	n/a	<0.005	325	0.424	<0.002	0.292	n/a	0.000979(J)	<0.002	<0.002
MW-9	downgradient																				
	3/16/1995	0.13	<0.006	<0.005	<1	<0.004	<0.005	31.8	12	<0.005	<0.1	<3.7	<0.03	345	1.08	<0.015	0.31	n/a	<0.1	<0.005	<0.05
	5/23/1995	0.27	<0.006	<0.005	<1	<0.004	<0.005	87	21	<0.05	<0.03	13	<0.03	332	1.06	<0.015	0.29	n/a	<0.05	<0.005	<0.05
	6/29/1995	0.18	<0.006	<0.005	<1	<0.004	<0.005	70.5	14.5	<0.05	<0.03	7	<0.03	318	0.77	<0.015	0.23	n/a	<0.1	<0.005	<0.05
	7/25/1995	0.49	<0.006	<0.005	<1	<0.004	<0.005	75	14.2	<0.05	<0.03	<3.7	<0.03	309	0.91	<0.015	0.22	n/a	<0.1	<0.005	<0.05
	2/8/1996	0.13	<0.014	<0.008	<1	<0.004	<0.005	75	13	<0.05	<0.03	10	<0.03	315	1.11	<0.015	0.19	n/a	<0.1	<0.008	<0.05
	8/6/1996	0.27	<0.006	<0.01	<1	<0.004	<0.005	76.1	13	<0.05	<0.02	<3.7	<0.03	350	1.03	0.029	0.23	n/a	<0.05	<0.01	<0.05
	2/26/1997	<0.07	<0.006	<0.01	<1	<0.004	<0.005	77	14	<0.05	<0.02	<3.7	<0.03	335	0.78	0.031	0.25	n/a	<0.05	<0.01	<0.05
	9/10/1997	0.55	<0.006	<0.01	<1	<0.004	<0.005	75	45	<0.05	<0.02	<3.7	<0.03	333	1.42	<0.015	0.247	n/a	<0.05	<0.02	<0.05
	4/9/1998	0.15	<0.006	<0.01	0.129	<0.002	<0.003	81.4	12.2	<0.01	<0.02	<3.7	<0.005	310	1.56	<0.005	0.25	n/a	<0.01	<0.01	<0.01
	9/23/1998	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	74	11.5	<0.01	<0.02	12	<0.005	332	1.12	<0.005	0.188	n/a	<0.01	<0.01	<0.01
	3/16/1999	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	60.1	15	<0.01	<0.02	<3.7	<0.005	385	1.55	<0.005	0.18	n/a	<0.01	<0.01	<0.01
	9/29/1999	0.24	<0.006	<0.005	0.13	<0.002	<0.003	68.1	4.8	<0.01	<0.02	<3.7	<0.005	317	1.65	<0.005	0.176	n/a	<0.01	<0.01	<0.01
	3/14/2000	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	84.2	10	<0.01	<0.01	<3.7	<0.005	336	1.45	<0.005	0.092	n/a	<0.01	<0.01	<0.01
	9/20/2000	<0.06	<0.006	<0.005	0.134	<0.002	<0.003	78.2	8.5	<0.01	<0.02	<3.7	<0.005	392	0.58	<0.005	0.15	n/a	<0.01	<0.01	<0.01
	3/21/2001	<0.06	0.007	<0.005	0.142	<0.002	<0.003	84.2	10.5	<0.01	<0.02	<3.7	<0.005	365	1.91	<0.005	0.16	n/a	<0.01	<0.01	<0.01
	9/26/2001	0.11	<0.006	<0.005	0.085	<0.002	<0.003	76.1	10	<0.01	<0.02	<3.7	<0.005	325	1.33	<0.005	0.187	n/a	<0.01	<0.005	<0.01
	3/27/2002	<0.06	<0.006	<0.005	0.213	<0.002	<0.003	92.2	11	<0.01	<0.02	<3.7	<0.005	403	1.5	<0.005	0.224	n/a	<0.01	<0.01	<0.01
	9/25/2002	<0.06	<0.006	<0.005	0.228	<0.002	<0.003	74.1	12	<0.01	<0.02	<3.7	<0.005	362	1.56	<0.005	0.197	n/a	<0.01	<0.01	<0.01
	4/1/2003	0.06	<0.006	<0.005	0.169	<0.002	<0.003	88	11.5	<0.01	<0.02	<3.7	<0.005	376	1.682	<0.005	0.181	n/a	<0.01	<0.01	<0.01
	9/17/2003	0.2	<0.006	<0.005	0.075	<0.002	<0.003	78	10.5	0.0865	<0.02	<3.7	0.0404	351	2.35	<0.005	0.098	n/a	<0.01	<0.01	<0.01
	3/24/2004	<0.05	<0.006	<0.005	0.108	<0.002	<0.003	60.4	10.3	<0.01	<0.02	<3.7	<0.005	381	1.5	<0.005	0.235	n/a	<0.01	<0.01	<0.01

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-9	9/14/2004	n/a	<0.006	<0.005	0.126	<0.004	<0.003	n/a	10	<0.01	<0.02	n/a	<0.005	326	1.62	<0.005	0.224	n/a	<0.01	<0.01	<0.01
(cont.)	3/9/2005	n/a	<0.006	<0.005	0.03	<0.002	<0.003	n/a	13.2	<0.005	<0.02	n/a	<0.005	343	1.22	<0.005	0.164	n/a	<0.01	<0.01	<0.01
	9/28/2005	n/a	<0.002	<0.0015	0.0997	0.00117	<0.0003	n/a	15.5	0.000819	<0.02	n/a	<0.002	357	1.45	<0.001	0.146	n/a	<0.01	<0.003	<0.00057
	3/15/2006	n/a	<0.002	0.00153	0.0457	<0.00018	<0.0003	n/a	21	0.000744	<0.02	n/a	<0.002	386	1.69	0.00214	0.208	n/a	0.0234	<0.003	<0.00057
	9/20/2006	n/a	<0.002	<0.005	0.039	<5E-05	<0.0003	n/a	11	<0.0015	<0.1	n/a	0.00685	373	1.01	<0.001	0.225	n/a	<0.005	<0.005	<0.00057
	3/6/2007	n/a	<0.002	<0.0015	0.0336	<5E-05	<0.0003	n/a	8	<0.0015	<0.02	n/a	<0.002	285	0.601	<0.001	0.126	n/a	<0.002	<0.003	<0.00057
	9/19/2007	n/a	<0.00092	<0.00074	0.145	<0.00032	<0.000595	n/a	11	<0.00025	<0.0005	n/a	<0.0005	389	<0.25	<0.000424	0.244	n/a	<0.000128	<0.00356	<0.000434
	4/1/2008	n/a	<0.0025	<0.0037	0.0978	<0.0016	<0.003	n/a	10.9	0.00965	<0.0025	n/a	0.00115	285	<10	<0.0005	0.16	n/a	0.0005	<0.0178	<0.00125
	9/18/2008	n/a	<0.0004	0.00062	0.127	<0.0002	<0.0002	n/a	<15	0.00048	<0.001	n/a	0.00024	314	1.27	<0.0002	0.199	n/a	0.00056	<0.001	<0.0002
	3/17/2009	n/a	<0.0004	0.00144	0.119	<0.0002	<0.0002	n/a	5.57	0.0463	0.00232	n/a	0.00396	314	1.43	0.00032	0.181	n/a	0.0583	<0.001	0.00592
	10/7/2009	n/a	<0.0004	0.00086	0.108	<0.0002	<0.0002	n/a	7.32	0.00156	<0.001	n/a	0.00244	293	1.07	0.00012	0.185	n/a	0.0016	<0.001	<0.0002
	3/16/2010	n/a	<0.0003	<0.0002	0.124	<0.0003	<0.0002	n/a	5.74	0.0011	<0.001	n/a	<0.0003	280	0.975	<0.0001	0.216	n/a	0.0024	<0.002	<0.0008
MW-9R	downgradient																				
	9/28/2010	n/a	<0.0003	0.0012	0.189	<0.0003	<0.0002	n/a	6.65	0.0011	<0.001	n/a	<0.0003	384	3.42	<0.0001	0.478	n/a	0.0029	<0.002	<0.0008
	12/30/2010	n/a	<0.001	0.00115	0.143	<0.0005	<0.0005	n/a	7	0.0016	<0.0025	n/a	0.00165	303	2.24	0.00155	0.303	n/a	0.0026	<0.0025	<0.0005
	3/9/2011	n/a	<0.001	<0.001	0.18	<0.001	<0.0005	n/a	7.3	<0.01	<0.01	n/a	<0.002	360	3	<0.001	0.57	n/a	<0.02	<0.001	<0.01
	6/3/2011	n/a	<0.001	<0.001	0.2	<0.001	<0.0005	n/a	7.3	<0.01	<0.01	n/a	0.0076	420	3.7	<0.001	0.71	n/a	<0.02	<0.001	<0.01
	9/13/2011	n/a	<0.001	0.002	0.14	<0.001	<0.0005	n/a	12	<0.01	<0.01	n/a	<0.002	310	2.2	<0.001	0.29	n/a	<0.02	<0.001	<0.01
	3/13/2012	n/a	<0.001	0.0007	0.19	<0.001	<0.0005	n/a	7.2	0.026	<0.01	n/a	0.0032	330	3.5	0.0019	0.36	n/a	0.019	<0.001	<0.01
	9/26/2012	n/a	<0.001	0.0017	0.16	<0.001	<0.0005	n/a	7.6	0.0071	<0.01	n/a	0.0024	340	2.9	0.0015	0.34	n/a	<0.02	<0.001	<0.01
	3/6/2013	n/a	0.00073(J)	0.0031	0.2	0.00036(J)	<0.0005	n/a	0.24(BJ)	0.092(R)	0.0031(J)	n/a	0.017	330	8.1(BR)	0.01(R)	0.65(B)	<0.0002	0.052(R)	0.00053(J)	<0.01
	9/12/2013	n/a	0.00031(J)	0.0036	0.19	0.0005(J)	0.00018(J)	n/a	8	0.013	0.0025	n/a	0.25(BR)	430	5.7	0.0085(R)	0.69	<0.0002	0.014	0.00049(J)	<0.001
	3/5/2014	n/a	<0.001	0.0013	0.11	0.00019(J)	0.00033(J)	n/a	7.4	0.0057	0.0014	n/a	0.0049	300	2.8	0.0017	0.85	n/a	0.0072	0.001	<0.001
	10/9/2014	n/a	<0.001	0.00056(J)	0.17	<0.001	<0.0005	n/a	7.4	0.0029	0.00042(J)	n/a	0.0011(J)	400(B)	3.1	0.00035(J)	0.65	n/a	0.0034	<0.001	<0.001
	4/22/2015	n/a	<0.002	0.00098(J)	0.17	<0.002	<0.001	n/a	7.2	0.014	0.00095(J)	n/a	0.0095	353	2.7	0.0013(J)	0.67	n/a	0.02	<0.002	<0.002
	11/12/2015	n/a	0.000285(J)	0.00148(J)	0.132	<0.002	<0.001	n/a	7.3	0.0228	0.000486(J)	n/a	0.00263(J)	286	1.8	0.000478(J)	0.522	n/a	0.0159	<0.002	<0.002
MW-9R2	downgradient																				
	9/28/2010	n/a	<0.0003	0.0012	0.189	<0.0003	<0.0002	n/a	6.65	0.0011	<0.001	n/a	<0.0003	384	3.42	<0.0001	0.478	n/a	0.0029	<0.002	<0.0008
	12/30/2010	n/a	<0.001	0.00115	0.143	<0.0005	<0.0005	n/a	7	0.0016	<0.0025	n/a	0.00165	303	2.24	0.00155	0.303	n/a	0.0026	<0.0025	<0.0005
	3/9/2011	n/a	<0.001	<0.001	0.18	<0.001	<0.0005	n/a	7.3	<0.01	<0.01	n/a	<0.002	360	3	<0.001	0.57	n/a	<0.02	<0.001	<0.01
	6/3/2011	n/a	<0.001	<0.001	0.2	<0.001	<0.0005	n/a	7.3	<0.01	<0.01	n/a	0.0076	420	3.7	<0.001	0.71	n/a	<0.02	<0.001	<0.01
	9/13/2011	n/a	<0.001	0.002	0.14	<0.001	<0.0005	n/a	12(O)	<0.01	<0.01	n/a	<0.002	310	2.2	<0.001	0.29	n/a	<0.02	<0.001	<0.01
	3/13/2012	n/a	<0.001	0.0007	0.19	<0.001	<0.0005	n/a	7.2	0.026	<0.01	n/a	0.0032	330	3.5	0.0019	0.36	n/a	0.019	<0.001	<0.01
	9/26/2012	n/a	<0.001	0.0017	0.16	<0.001	<0.0005	n/a	7.6	0.0071	<0.01	n/a	0.0024	340	2.9	0.0015	0.34	n/a	<0.02	<0.001	<0.01
	3/6/2013	n/a	0.00073(J)	0.0031	0.2	0.00036(J)	<0.0005	n/a	0.24(BJO)	0.092(R)	0.0031(J)	n/a	0.017	330	8.1(BR)	0.01(R)	0.65(B)	n/a	0.052(R)	0.00053(J)	<0.01
	9/12/2013	n/a	0.00031(J)	0.0036	0.19	0.0005(J)	0.00018(J)	n/a	8	0.013	0.0025	n/a	0.25(BR)	430	5.7	0.0085(R)	0.69	n/a	0.014	0.00049(J)	<0.001
	3/5/2014	n/a	<0.001	0.0013	0.11	0.00019(J)	0.00033(J)	n/a	7.4	0.0057	0.0014	n/a	0.0049	300	2.8	0.0017	0.85	n/a	0.0072	0.001	<0.001
	10/9/2014	n/a	<0.001	0.00056(J)	0.17	<0.001	<0.0005	n/a	7.4	0.0029	0.00042(J)	n/a	0.0011(J)	400(B)	3.1	0.00035(J)	0.65	n/a	0.0034	<0.001	<0.001
	4/22/2015	n/a	<0.002	0.00098(J)	0.17	<0.002	<0.001	n/a	7.2	0.014	0.00095(J)	n/a	0.0095	353	2.7	0.0013(J)	0.67	n/a	0.02	<0.002	<0.002
	11/12/2015	n/a	0.000285(J)	0.00148(J)	0.132	<0.002	<0.001	n/a	7.3	0.0228	0.000486(J)	n/a	0.00263(J)	286	1.8	0.000478(J)	0.522	n/a	0.0159	<0.002	<0.002
	11/29/2017	n/a	<0.002	0.00215	0.115	<0.002	<0.001	n/a	5.92	<0.002	0.00098(J)	n/a	).000777(BJ	251	2.43	<0.002	0.33	n/a	<0.002	<0.002	<0.002
	5/25/2018	n/a	<0.002	0.00242	0.124	<0.002	<0.001	n/a	6.14	0.000594(J)	<0.002	n/a	).000759(BJ	257	1.4	).000346(BJ	0.299	n/a	<0.002	<0.002	<0.002
	11/13/2018	n/a	<0.002	0.00114(J)	0.14	<0.002	<0.001	n/a	7.02	<0.002	<0.002	n/a	<0.005	277	1.71	0.000643(J)	0.396	n/a	<0.002	<0.002	<0.002
	5/7/2019	n/a	<0.002	0.00137(J)	0.122	<0.002	<0.001	n/a	5.96	<0.002	<0.002	n/a	0.0011(J)	239	1.16	<0.002	0.3	n/a	<0.002	<0.002	<0.002
	11/26/2019	n/a	<0.002	0.00145(J)	0.114	<0.002	<0.001	n/a	5.63	0.00209(B)	<0.002	n/a	<0.005	216	1.03	<0.002	0.425	n/a	0.00125(BJ)	<0.002	<0.002
	5/15/2020	n/a	<0.004	0.00115(J)	0.117	<0.002	<0.001	n/a	5.96	<0.002	<0.002	n/a	<0.005	245	1.07	<0.005	0.291	n/a	<0.002	<0.002	<0.002
	11/11/2020	n/a	<0.004	0.00114(J)	0.108	<0.002	<0.001	n/a	4.46	<0.002	0.000108(J)	n/a	<0.005	231	0.922	<0.005	0.349	n/a	<0.002	<0.002	<0.002
	5/13/2021	n/a	<0.004	0.00115(J)	0.105	<0.002	<0.001	n/a	4.93	<0.002	<0.002	n/a	0.00166(J)	228	1.02	<0.002	0.248	n/a	<0.002	<0.002	0.000169(J)
	11/10/2021	n/a	<0.004	0.00137(J)	0.136	<0.002	<0.001	n/a	5.72	<0.002	<0.002	n/a	<0.005	247	1.42	<0.002	0.36	n/a	<0.002	<0.002	<0.002
	5/11/2022	n/a	<0.004	0.00122(J)	0.113	<0.002	<0.001	n/a	6.13	<0.002	<0.002	n/a	<0.005	261	1.23	<0.002	0.424	n/a	<0.002	<0.002	<0.002

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-9R2	11/10/2022	n/a	<0.004	0.00127(J)	0.145	<0.002	<0.001	n/a	6.8	<0.002	<0.002	n/a	<0.005	280	1.51	<0.002	0.498	n/a	<0.002	<0.002	<0.002
(cont.)	5/9/2023	n/a	<0.004	0.00123(J)	0.114	<0.002	<0.001	n/a	5.41	<0.002	<0.002	n/a	<0.005	235	1.07	<0.002	0.394	n/a	<0.002	<0.002	<0.002
	11/10/2023	n/a	<0.004	0.00127(J)	0.107	<0.002	<0.001	n/a	5.5	<0.002	<0.002	n/a	<0.005	228	1.04	<0.002	0.413	n/a	<0.002	<0.002	<0.002
	5/22/2024	n/a	<0.004	0.00129(J)	0.113	<0.002	<0.001	n/a	5.38	<0.002	<0.002	n/a	<0.005	238(B)	0.927	<0.002	0.416	n/a	<0.002	<0.002	<0.002
	11/21/2024	n/a	0.000404(J)	0.00123(J)	0.111	<0.002	<0.001	n/a	5.03	<0.002	<0.002	n/a	0.00156(BJ)	217(B)	0.701	<0.002	0.431	n/a	<0.002	<0.002	<0.002
	5/15/2025	n/a	<0.004	0.00129(J)	0.112	<0.002	<0.001	n/a	4.56	<0.002	<0.002	n/a	<0.005	248(B)	0.828	<0.002	0.386	n/a	<0.002	<0.002	<0.002
MW-14	downgradient																				
	3/16/1995	0.06	<0.006	<0.005	<1	<0.004	<0.005	68.9	19	<0.005	<0.1	<3.7	<0.03	601	1.32	<0.015	0.27	n/a	<0.1	<0.005	<0.05
	5/23/1995	0.34	<0.006	<0.005	<1	<0.004	<0.005	170	26	<0.05	<0.03	4	<0.03	580	2.45	0.025	0.33	n/a	<0.05	<0.005	<0.05
	6/29/1995	0.15	<0.006	<0.005	<1	<0.004	<0.005	120	20.5	<0.05	<0.03	18	<0.03	543	1.54	<0.015	0.26	n/a	<0.1	<0.005	<0.05
	7/25/1995	0.19	<0.006	<0.005	<1	<0.004	<0.005	132	17	0.19	<0.03	<3.7	<0.03	546	8.35	<0.015	0.44	n/a	0.52	<0.005	<0.05
	2/8/1996	0.1	<0.014	<0.008	<1	<0.004	<0.005	137	28	<0.05	<0.03	5	<0.03	583	0.92	0.03	0.29	n/a	<0.1	<0.008	<0.05
	8/6/1996	0.1	<0.006	<0.01	<1	<0.004	<0.005	128.3	30	<0.05	<0.02	<3.7	<0.03	548	0.61	0.022	0.74	n/a	<0.05	<0.01	<0.05
	2/26/1997	<0.07	<0.006	<0.01	<1	<0.004	<0.005	139	31	<0.05	<0.02	4	<0.03	570	2.02	0.041	0.25	n/a	<0.05	<0.01	<0.05
	9/10/1997	0.12	<0.006	<0.01	<1	<0.004	<0.005	147	68	<0.05	<0.02	<3.7	<0.03	636	1.84	<0.015	0.305	n/a	<0.05	<0.02	<0.05
	4/9/1998	0.23	<0.006	<0.01	0.21	<0.002	<0.003	136	12.2	<0.01	<0.02	<3.7	<0.005	597	0.16	<0.005	0.22	n/a	<0.01	<0.01	<0.01
	9/23/1998	0.06	<0.006	<0.005	<0.1	<0.002	<0.003	130	27	<0.01	<0.02	10	<0.005	578	0.106	<0.005	0.218	n/a	<0.01	<0.01	<0.01
	3/16/1999	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	140	18	<0.01	<0.02	<3.7	<0.005	534	0.05	<0.005	0.18	n/a	<0.01	<0.01	<0.01
	9/29/1999	<0.06	<0.006	<0.005	0.22	<0.002	<0.003	126	11	<0.01	<0.02	<3.7	<0.005	534	0.24	<0.005	0.194	n/a	<0.01	0.01	<0.01
	3/14/2000	<0.06	<0.006	<0.005	0.145	0.023	<0.003	126	18	<0.01	<0.01	<3.7	<0.005	499	0.19	<0.005	0.099	n/a	<0.01	<0.01	<0.01
	9/20/2000	<0.06	<0.006	<0.005	0.213	<0.002	<0.003	128.2	18.8	<0.01	<0.02	<3.7	<0.005	540	<0.03	<0.005	0.15	n/a	<0.01	<0.01	<0.01
	3/21/2001	<0.06	<0.006	<0.005	0.209	<0.002	<0.003	122.2	15.3	<0.01	<0.02	<3.7	<0.005	527	0.1	<0.005	0.13	n/a	<0.01	<0.01	<0.01
	9/26/2001	<0.05	<0.006	<0.005	0.138	<0.002	<0.003	136	22.7	<0.01	<0.02	<3.7	<0.005	555	0.248	<0.005	0.224	n/a	<0.01	<0.005	<0.01
	3/27/2002	<0.06	<0.006	<0.005	0.265	<0.002	<0.003	130	18	<0.01	<0.02	<3.7	<0.005	550	0.146	<0.005	0.226	n/a	<0.01	<0.01	<0.01
	9/25/2002	<0.06	<0.006	<0.005	0.281	<0.002	<0.003	137	20	<0.01	<0.02	<3.7	<0.005	545	0.317	<0.005	0.272	n/a	<0.01	<0.01	<0.01
	4/1/2003	<0.05	<0.006	<0.005	0.23	<0.002	<0.003	122	15.5	<0.01	<0.02	<3.7	<0.005	554	0.272	<0.005	0.219	n/a	<0.01	<0.01	<0.01
	9/17/2003	<0.06	<0.006	<0.005	0.146	<0.002	<0.003	132	17	<0.01	<0.02	<3.7	<0.005	556	0.364	<0.005	0.153	n/a	<0.01	<0.01	<0.01
	3/24/2004	<0.05	<0.006	<0.005	0.143	<0.002	<0.003	101	16.5	<0.01	<0.02	<3.7	<0.005	556	0.307	<0.005	0.251	n/a	<0.01	<0.01	<0.01
MW-14R	upgradient																				
	9/14/2004	n/a	<0.006	<0.005	0.225	<0.004	<0.003	n/a	24.2	<0.01	<0.02	n/a	<0.005	602	2.565	<0.005	0.637	n/a	<0.01	<0.01	<0.01
	3/9/2005	n/a	<0.006	<0.005	0.021	<0.002	<0.003	n/a	29.2	<0.005	<0.02	n/a	<0.005	617	2.71	<0.005	0.455	n/a	<0.01	<0.01	<0.01
	9/28/2005	n/a	<0.002	0.0018	0.134	<0.00018	<0.0003	n/a	33.2	0.000801	<0.02	n/a	<0.002	645	3.69	<0.001	0.37	n/a	<0.01	<0.003	<0.00057
	3/15/2006	n/a	<0.002	0.00189	0.0501	<0.00018	<0.0003	n/a	33	0.000824	0.0618	n/a	<0.002	598	3.88	<0.001	0.375	n/a	0.0277	<0.003	<0.00057
	9/20/2006	n/a	<0.002	<0.005	0.0493	<5E-05	<0.0003	n/a	25.5	<0.0015	<0.1	n/a	<0.002	615	4.01	<0.001	0.413	n/a	<0.005	<0.005	<0.00057
	3/6/2007	n/a	<0.002	<0.0015	0.0506	<5E-05	<0.0003	n/a	20	0.00087	<0.02	n/a	<0.002	585	3.02	<0.001	0.348	n/a	0.00248	<0.003	<0.00057
	9/19/2007	n/a	<0.00092	<0.00074	0.22	<0.00032	<0.000595	n/a	18.5	0.0017	<0.0005	n/a	<0.0005	677	4.25	<0.000424	0.377	n/a	0.0022	<0.00356	<0.000434
	4/1/2008	n/a	<0.0025	<0.0037	0.238	<0.0016	<0.003	n/a	26.9	0.0132	<0.0025	n/a	0.00165	597	<10	<0.0005	0.389	n/a	0.01	<0.0178	<0.00125
	9/18/2008	n/a	<0.0004	0.00194	0.246	<0.0002	<0.0002	n/a	21.1	0.00106	0.00136	n/a	0.00178	645	4.37	<0.0002	0.407	n/a	0.00166	<0.001	<0.0002
	3/17/2009	n/a	<0.0004	0.00216	0.247	<0.0002	<0.0002	n/a	26.2	0.013	0.0027	n/a	0.0004	632	4.22	<0.0002	0.413	n/a	0.0189	<0.001	0.0003
	10/7/2009	n/a	<0.0004	0.00194	0.24	<0.0002	<0.0002	n/a	27.8	0.00054	0.00106	n/a	0.00176	616	3.89	4E-05	0.398	n/a	0.00128	<0.001	<0.0002
	3/16/2010	n/a	<0.0003	0.0022	0.28	<0.0003	<0.0002	n/a	33.3	<0.0005	<0.001	n/a	0.001	603	3.95	<0.0001	0.506	n/a	0.0026	<0.002	<0.0008
	9/28/2010	n/a	<0.0003	0.0018	0.285	<0.0003	<0.0002	n/a	41.1	<0.0005	<0.001	n/a	<0.0003	596	4.43	<0.0001	0.527	n/a	0.0019	<0.002	<0.0008
	3/9/2011	n/a	<0.001	0.0011	0.28	<0.001	<0.0005	n/a	47	<0.01	<0.01	n/a	<0.002	660	5	<0.001	0.56	n/a	<0.02	<0.001	<0.01
	9/13/2011	n/a	<0.001	0.0023	0.28	<0.001	<0.0005	n/a	56	<0.01	<0.01	n/a	<0.002	660	5.2	<0.001	0.57	n/a	<0.02	<0.001	<0.01
	3/13/2012	n/a	<0.001	0.0016	0.3	<0.001	<0.0005	n/a	52	<0.01	<0.01	n/a	0.0014	660	5.7	0.00044	0.6	n/a	<0.02	0.0012	<0.01
	9/26/2012	n/a	<0.001	0.0015	0.29	<0.001	<0.0005	n/a	56	<0.01	<0.01	n/a	<0.002	640	5.2	<0.001	0.58	n/a	<0.02	<0.001	<0.01
	3/5/2013	n/a	<0.001	0.0027	0.29	0.00023(J)	<0.0005	n/a	47(B)	0.018	<0.01	n/a	0.0016(J)	610	5.3(B)	0.00027(J)	0.56(B)	<0.0002	0.012(J)	0.00086(J)	<0.01
	9/10/2013	n/a	0.00032(J)	0.0028	0.27	<0.001	0.00017(J)	n/a	37	0.0013(J)	0.0015	n/a	0.00077(BJ)	600	4.6	0.00029(J)	0.54	<0.0002	0.0039	0.0008(J)	<0.001
	3/4/2014	n/a	<0.001	0.0027	0.29	<0.001	0.00037(J)	n/a	52	0.0014(J)	0.0013	n/a	0.00084(J)	600	5.7	0.00086(J)	0.54	n/a	0.0074	0.0039	<0.001
	10/6/2014	n/a	<0.001	0.0029	0.32	<0.001	<0.0005	n/a	55	0.029	0.0018	n/a	0.003	720(B)	8.1	0.0014	0.58	n/a	0.018	0.0023	<0.001

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-14R	4/14/2015	n/a	0.00032(BJ)	0.0019(J)	0.31	<0.002	<0.001	n/a	50(B)	0.001(J)	0.00097(J)	n/a	<0.005(B)	600	5.9	<0.002	0.54	n/a	0.0013(J)	<0.002	<0.002
(cont.)	10/14/2015	n/a	0.000262(J)	0.00299	0.322	<0.002	<0.001	n/a	45.3	0.0016(J)	0.00134(J)	n/a	0.00091(J)	608	5.84	0.000284(J)	0.535	n/a	0.00184(J)	<0.002	<0.002
	4/12/2016	n/a	0.000347(J)	0.00259	0.289	<0.002	<0.001	n/a	51.8	0.00477	0.00124(J)	n/a	0.00122(J)	635	5.89	0.000588(J)	0.507	n/a	0.00369	<0.002	<0.002
	8/2/2016	n/a	n/a	n/a	0.304	n/a	n/a	n/a	52.5	n/a	n/a	n/a	n/a	n/a	5.55	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	n/a	0.000921(J)	0.00161(J)	0.282	<0.002	<0.001	n/a	54.5	0.00142(J)	0.00114(J)	n/a	0.00152(BJ)	621	4.94	<0.002	0.437	n/a	0.0015(J)	<0.002	<0.002
	6/13/2017	n/a	<0.002	0.00175(J)	0.294	<0.002	<0.001	n/a	56.1	<0.002	0.00101(J)	n/a	<0.005	655	5.72	<0.002	0.475	n/a	0.000786(J)	<0.002	<0.002
	11/29/2017	n/a	<0.002	0.00178(J)	0.275	<0.002	<0.001	n/a	61.2	<0.002	0.000852(J)	n/a	0.00115(BJ)	631	4.8	<0.002	0.429	n/a	0.000444(BJ	<0.002	<0.002
	5/23/2018	n/a	<0.002	0.00215	0.275	<0.002	<0.001	n/a	49.9	<0.002	0.001(J)	n/a	0.000722(BJ	652	6.54	0.000315(BJ	0.44	n/a	<0.002	<0.002	<0.002
	11/12/2018	n/a	<0.002	0.00117(J)	0.254	<0.002	<0.001	n/a	44.7	<0.002	0.000644(J)	n/a	0.00183(BJ)	533	5.54	0.000288(J)	0.355	n/a	0.000463(J)	<0.002	<0.002
	5/6/2019	n/a	<0.002	0.00132(J)	0.272	<0.002	<0.001	n/a	43.1	<0.002	0.000567(J)	n/a	0.000861(J)	591	8.02	<0.002	0.383	n/a	0.000857(BJ	<0.002	<0.002
	11/25/2019	n/a	<0.002	0.0018(J)	0.274	<0.002	<0.001	n/a	42.3	0.0023(B)	0.000683(J)	n/a	0.000641(J)	509	7.89	0.000358(J)	0.379	n/a	0.00081(BJ)	<0.002	<0.002
	5/13/2020	n/a	<0.004	0.00305	0.313	<0.002	<0.001	n/a	40.1	<0.002	0.00075(J)	n/a	<0.005	587	14.2	<0.005	0.399	n/a	<0.002	<0.002	<0.002
	11/10/2020	n/a	<0.004	0.00142(J)	0.257	<0.002	<0.001	n/a	38	0.00149(J)	0.000622(J)	n/a	0.00171(J)	558	7.91	<0.005	0.346	n/a	0.000847(J)	<0.002	<0.002
	5/12/2021	n/a	<0.004	0.00112(J)	0.235	<0.002	<0.001	n/a	33.7	<0.002	0.000544(J)	n/a	0.00163(J)	515	5.3	<0.002	0.293	n/a	<0.002	<0.002	<0.002
	7/28/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/8/2021	n/a	<0.004	0.00146(J)	0.271	<0.002	<0.001	n/a	46.7	<0.002	0.000701(J)	n/a	<0.005	559	6.79	<0.002	0.355	n/a	<0.002	<0.002	<0.002
	5/10/2022	n/a	<0.004	0.00197(J)	0.275	<0.002	<0.001	n/a	45	<0.002	0.000623(J)	n/a	<0.005	584	9.22	<0.002	0.34	n/a	<0.002	<0.002	<0.002
	11/9/2022	n/a	<0.004	0.00502(R)	0.343(R)	<0.002	<0.001	n/a	36.5	<0.002	0.00118(J)	n/a	<0.005	553	21.1(R)	<0.002	0.68(R)	n/a	<0.002	<0.002	<0.002
	2/6/2023	n/a	n/a	0.00174(BJ)	0.237	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4.62	n/a	0.304	n/a	n/a	n/a	n/a
	5/8/2023	n/a	<0.004	0.00213	0.263	<0.002	<0.001	n/a	36.4	<0.002	0.000647(J)	n/a	<0.005	547	8.97	<0.002	0.343	n/a	<0.002	<0.002	<0.002
	11/8/2023	n/a	<0.004	0.00186(J)	0.242	<0.002	<0.001	n/a	39.6	<0.002	0.000523(J)	n/a	0.00324(J)	546	7.92	<0.002	0.29	n/a	<0.002	<0.002	0.000102(J)
	5/21/2024	n/a	<0.004	0.00149(J)	0.259	<0.002	<0.001	n/a	38.2	<0.002	0.00059(J)	n/a	<0.005	551(B)	5.08	<0.002	0.285	n/a	<0.002	<0.002	<0.002
	11/19/2024	n/a	0.00107(J)	0.00199(J)	0.267	<0.002	<0.001	n/a	41.7	<0.002	0.000757(J)	n/a	0.00167(BJ)	542(B)	7.12	<0.002	0.34	n/a	<0.002	<0.002	<0.002
	5/7/2025	n/a	<0.004	0.00296	0.297	<0.002	<0.001	n/a	39.2	<0.002	0.000829(J)	n/a	<0.005	591(B)	12.1	<0.002	0.393	n/a	0.000539(J)	<0.002	<0.002
MW-16	downgradient																				
	3/16/1995	0.13	<0.006	<0.005	<1	<0.004	<0.005	34.4	11	<0.005	<0.1	250	<0.03	390	1.94	<0.015	0.72	n/a	<0.1	<0.005	<0.05
	5/23/1995	0.05	0.006	0.005	1	0.004	0.005	1	1	0.05	0.03	3.7	0.03	1	0.05	0.015	0.05	n/a	0.05	0.005	0.05
	6/29/1995	0.37	<0.006	<0.005	<1	<0.004	<0.005	148	19.5	<0.05	<0.03	28	<0.03	616	5.93(R)	<0.015	1.17(R)	n/a	<0.1	<0.005	<0.05
	7/25/1995	0.27	<0.006	<0.005	<1	<0.004	<0.005	156	18.7	<0.05	<0.03	<3.7	<0.03	615	6.55(R)	<0.015	1.18(R)	n/a	<0.1	<0.005	<0.05
	2/8/1996	0.09	<0.014	<0.008	<1	<0.004	<0.005	72	15	<0.05	<0.03	<3.7	<0.03	320	2.87	<0.015	0.39	n/a	<0.1	<0.008	<0.05
	8/6/1996	0.14	<0.006	<0.01	<1	<0.004	<0.005	73.7	10	<0.05	<0.02	<3.7	<0.03	331	1.16	0.018	0.38	n/a	<0.05	<0.01	<0.05
	2/26/1997	<0.07	<0.006	<0.01	<1	<0.004	<0.005	76	12	<0.05	<0.02	<3.7	<0.03	345	2.31	0.026	0.38	n/a	<0.05	<0.01	<0.05
	9/10/1997	0.43	<0.006	<0.01	<1	<0.004	<0.005	91	23	<0.05	<0.02	<3.7	<0.03	379	1.72	<0.015	0.443	n/a	<0.05	<0.02	<0.05
	4/9/1998	0.38	<0.006	<0.01	0.193	<0.002	<0.003	91.4	12.2	<0.01	<0.02	<3.7	<0.005	370	1.37	<0.005	0.46	n/a	<0.01	<0.01	<0.01
	9/23/1998	0.12	<0.006	<0.005	<0.1	<0.002	<0.003	107	13	<0.01	<0.02	10	<0.005	517	2.17	<0.005	0.524	n/a	<0.01	<0.01	<0.01
	3/16/1999	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	84.2	13	<0.01	<0.02	<3.7	<0.005	416	1.62	<0.005	0.45	n/a	<0.01	<0.01	<0.01
	9/29/1999	0.3	<0.006	<0.005	0.26	<0.002	<0.003	116	7.5	<0.01	<0.02	<3.7	<0.005	540	2.3	<0.005	0.609	n/a	<0.01	<0.01	<0.01
	3/14/2000	<0.06	<0.006	<0.005	0.123	<0.002	<0.003	86.2	14	<0.01	<0.01	<3.7	<0.005	365	1.49	<0.005	0.35	n/a	<0.01	<0.01	<0.01
	9/20/2000	<0.06	<0.006	<0.005	0.194	<0.002	<0.003	84.2	12	<0.01	<0.02	<3.7	<0.005	384	0.42	<0.005	0.34	n/a	<0.01	<0.01	<0.01
	3/21/2001	<0.06	<0.006	<0.005	0.166	<0.002	<0.003	76.1	11	<0.01	<0.02	<3.7	<0.005	327	1.5	<0.005	0.31	n/a	<0.01	<0.01	<0.01
	9/26/2001	0.11	<0.006	<0.005	0.103	<0.002	<0.003	82.2	10.8	<0.01	<0.02	<3.7	<0.005	341	1.49	<0.005	0.441	n/a	<0.01	<0.005	<0.01
	3/27/2002	<0.06	<0.006	<0.005	0.208	<0.002	<0.003	68.1	11	<0.01	<0.02	<3.7	<0.005	336	1.11	<0.005	0.345	n/a	<0.01	<0.01	<0.01
	9/25/2002	<0.06	<0.006	<0.005	0.222	<0.002	<0.003	90.2	12.5	<0.01	<0.02	<3.7	<0.005	393	1.45	<0.005	0.423	n/a	<0.01	<0.01	<0.01
	4/1/2003	<0.05	<0.006	<0.005	0.214	<0.002	<0.003	86	13.5	<0.01	<0.02	<3.7	<0.005	400	1.569	<0.005	0.448	n/a	<0.01	<0.01	<0.01
	9/17/2003	<0.06	<0.006	<0.005	0.096	<0.002	<0.003	88	12.8	<0.01	<0.02	<3.7	<0.005	380	2.28	<0.005	0.362	n/a	<0.01	<0.01	<0.01
	3/24/2004	<0.05	<0.006	<0.005	0.163	<0.002	<0.003	63.1	13.3	<0.01	<0.02	<3.7	<0.005	419	1.67	<0.005	0.542	n/a	<0.01	<0.01	<0.01
	9/14/2004	n/a	<0.006	<0.005	0.184	<0.004	<0.003	n/a	14.3	<0.01	<0.02	n/a	<0.005	429	1.61	<0.005	0.589	n/a	<0.01	<0.01	<0.01
	3/9/2005	n/a	<0.006	<0.005	0.024	<0.004	<0.003	n/a	15.2	<0.005	<0.02	n/a	<0.005	440	1.78	<0.005	0.563	n/a	<0.01	<0.01	<0.01
	9/28/2005	n/a	<0.002	<0.0015	0.126	<0.00018	<0.0003	n/a	15	0.000768	<0.02	n/a	<0.002	325	1.74	<0.001	0.348	n/a	<0.01	<0.003	<0.00057
	3/15/2006	n/a	<0.002	<0.0015	0.0562	<0.00018	<0.0003	n/a	14	0.00431	<0.02	n/a	<0.002	372	1.84	<0.001	0.454	n/a	0.0463	<0.003	<0.00057

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-16	9/20/2006	n/a	<0.002	<0.005	0.0703	<5E-05	<0.0003	n/a	12	<0.0015	<0.1	n/a	<0.002	380	1.51	<0.001	0.496	n/a	<0.005	<0.005	<0.00057
(cont.)	3/6/2007	n/a	<0.002	<0.0015	0.0444	<5E-05	<0.0003	n/a	9.5	<0.0015	<0.02	n/a	<0.002	317	0.996	<0.001	0.384	n/a	<0.002	<0.003	<0.00057
	9/19/2007	n/a	<0.00092	<0.00074	<0.00154	<0.00032	<0.000595	n/a	15	0.0008	<0.0005	n/a	<0.0005	382	<0.25	<0.000424	0.405	n/a	0.00075	<0.00356	<0.000434
	4/1/2008	n/a	<0.0025	<0.0037	0.187	<0.0016	<0.003	n/a	12.9	0.00435	<0.0025	n/a	0.001	399	<10	<0.0005	0.475	n/a	0.0027	<0.0178	<0.00125
	9/18/2008	n/a	<0.0004	0.00076	0.221	<0.0002	<0.0002	n/a	<15	0.00044	<0.001	n/a	0.00134	457	2.06	<0.0002	0.587	n/a	0.00062	<0.001	<0.0002
	3/17/2009	n/a	<0.0004	0.00162	0.15	<0.0002	<0.0002	n/a	7.37	0.0122	0.00192	n/a	0.00626	363	5.17(R)	0.00284	0.506	n/a	0.0282	<0.001	0.00044
	10/7/2009	n/a	<0.0004	0.0011	0.157	<0.0002	<0.0002	n/a	11.4	0.00058	<0.001	n/a	0.00274	364	1.48	6E-05	0.427	n/a	0.00106	<0.001	<0.0002
	3/16/2010	n/a	<0.0003	<0.0002	0.185	<0.0003	<0.0002	n/a	11	0.0014	<0.001	n/a	0.0022	368	2.14	<0.0001	0.546	n/a	0.0021	<0.002	<0.0008
MW-16R	downgradient																				
	9/28/2010	n/a	<0.0003	0.0015	0.2	<0.0003	<0.0002	n/a	12.9(O)	<0.0005	<0.001	n/a	<0.0003	346	2.2	<0.0001	0.592	n/a	0.0017	<0.002	<0.0008
	12/30/2010	n/a	<0.001	0.0009	0.19	<0.0005	<0.0005	n/a	8.18	0.0006	<0.0025	n/a	<0.001	368	1.61	<0.0005	0.542	n/a	<0.001	<0.0025	<0.0005
	3/9/2011	n/a	<0.001	<0.001	0.14	<0.0005	<0.0005	n/a	8.6	<0.01	<0.01	n/a	<0.002	310	1.9	<0.001	0.55	n/a	<0.02	<0.001	<0.01
	6/3/2011	n/a	<0.001	<0.001	0.14	<0.0005	<0.0005	n/a	8.9	<0.01	<0.01	n/a	<0.002	340	1.4	<0.001	0.54	n/a	<0.02	<0.001	<0.01
	9/13/2011	n/a	<0.001	0.0018	0.12	<0.0005	<0.0005	n/a	8.4	<0.01	<0.01	n/a	<0.002	320	1.3	<0.001	0.52	n/a	<0.02	<0.001	<0.01
	3/13/2012	n/a	<0.001	0.00067	0.16	<0.0005	<0.0005	n/a	9.6	0.0098	<0.01	n/a	0.002	360	2.1	0.00051	0.65	n/a	0.0063	<0.001	<0.01
	9/26/2012	n/a	<0.001	0.0018	0.12	<0.001	<0.0005	n/a	7.9	0.0049	<0.01	n/a	0.0012	320	1.6	0.00094	0.52	n/a	<0.02	0.00054	<0.01
	3/5/2013	n/a	0.00026(J)	0.0047	0.24	0.0012(R)	<0.0005	n/a	8(B)	0.16(R)	0.0086(JR)	n/a	0.039(R)	410	11(BR)	0.024(R)	0.83(B)	<0.0002	0.14(R)	0.00075(J)	0.0036(J)
	9/11/2013	n/a	0.00036(J)	0.0059	0.19	0.00022(J)	<0.0005	n/a	9.9	0.052	0.0032	n/a	0.24(BO)	330	5.5(O)	0.013	0.61	<0.0002	0.037	0.00063(J)	<0.001
	3/4/2014	n/a	<0.001	0.0017	0.11	<0.001	0.00037(J)	n/a	7.4	0.0031	0.00091(J)	n/a	0.0056	280	1.4	0.0026	0.52	n/a	0.0049	0.0012	<0.001
	10/23/2014	n/a	0.00059(J)	0.00064(J)	0.11	<0.002	<0.001	n/a	7.8	0.0037	<0.002	n/a	0.00063(J)	300	1.3	0.00037(J)	0.48	n/a	0.0034	<0.002	0.0027
	4/21/2015	n/a	<0.002	0.00093(J)	0.12	<0.002	<0.001	n/a	8.21	0.0013(J)	<0.002	n/a	<0.005	310	1.2	<0.002	0.54	n/a	0.0012(J)	<0.002	<0.002
	10/16/2015	n/a	0.00029(J)	0.00159(J)	0.12	<0.002	<0.001	n/a	8.17	0.0133	<0.002	n/a	0.00101(J)	319	1.16	0.000439(J)	0.511	n/a	0.00736	<0.002	<0.002
	4/14/2016	n/a	0.000336(J)	0.00163(J)	0.109	<0.002	<0.001	n/a	7.53	0.00322	<0.002	n/a	0.000761(J)	287	0.918	<0.002	0.481	n/a	0.00219	<0.002	<0.002
	12/20/2016	n/a	<0.002	0.001(J)	0.102	<0.002	<0.001	n/a	8.07	0.00155(J)	<0.002	n/a	0.00089(BJ)	313	0.996	0.00131(J)	0.471	n/a	0.00109(J)	<0.002	<0.002
	6/15/2017	n/a	<0.002	0.00101(J)	0.121	<0.002	<0.001	n/a	7.77	0.00638	<0.002	n/a	0.00106(J)	300	1.15	0.000318(J)	0.507	n/a	0.00376	<0.002	<0.002
	12/1/2017	n/a	<0.002	0.00207	0.119	<0.002	<0.001	n/a	8.4	0.000575(BJ	<0.002	n/a	0.00149(BJ)	348	1.02	<0.002	0.625	n/a	0.000371(BJ	<0.002	<0.002
	3/8/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/24/2018	n/a	<0.002	0.00197(J)	0.113	<0.002	<0.001	n/a	8.78	<0.002	<0.002	n/a	0.000703(BJ	308	0.805	0.000312(BJ	0.618	n/a	<0.002	<0.002	<0.002
	11/12/2018	n/a	<0.002	0.00094(J)	0.0908	<0.002	<0.001	n/a	6.88	<0.002	<0.002	n/a	0.000948(BJ	276	0.519	0.000344(J)	0.567	n/a	<0.002	<0.002	0.00047(J)
	5/7/2019	n/a	<0.002	0.00119(J)	0.0894	<0.002	<0.001	n/a	6.2	<0.002	<0.002	n/a	0.000774(J)	253	0.554	<0.002	0.439	n/a	0.000367(BJ	<0.002	<0.002
	11/26/2019	n/a	<0.002	0.00108(J)	0.0996	<0.002	<0.001	n/a	7.31	0.000871(BJ	<0.002	n/a	0.00111(J)	205	0.71	<0.002	0.509	n/a	<0.002	<0.002	<0.002
	5/14/2020	n/a	<0.004	0.00112(J)	0.133	<0.002	<0.001	n/a	8.36	<0.002	<0.002	n/a	<0.005	368	0.923	<0.005	0.65	n/a	<0.002	<0.002	<0.002
	11/11/2020	n/a	<0.004	0.00107(J)	0.0967	<0.002	<0.001	n/a	6.89	<0.002	6.04E-05(J)	n/a	<0.005	301	0.725	<0.005	0.529	n/a	<0.002	<0.002	<0.002
	5/18/2021	n/a	<0.004	0.00125(J)	0.107	<0.002	<0.001	n/a	8	<0.002	0.000149(J)	n/a	0.00304(BJ)	330	0.809	<0.002	0.579	n/a	0.00084(J)	<0.002	0.000222(J)
	11/9/2021	n/a	<0.004	0.00109(J)	0.11	<0.002	<0.001	n/a	7.25	<0.002	<0.002	n/a	<0.005	328	0.766	<0.002	0.648	n/a	<0.002	<0.002	0.000123(J)
	5/10/2022	n/a	<0.004	0.00122(J)	0.0864	<0.002	<0.001	n/a	7.3	<0.002	0.000132(J)	n/a	0.00346(J)	286	0.779	0.000961(BJ	0.448	n/a	0.000946(J)	<0.002	0.000197(J)
	11/9/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/10/2022	n/a	<0.004	0.00127(J)	0.111	<0.002	<0.001	n/a	8.01	<0.002	<0.002	n/a	0.00182(J)	320	0.699	<0.002	0.61	n/a	<0.002	<0.002	<0.002
	5/9/2023	n/a	<0.004	0.00125(J)	0.106	<0.002	<0.001	n/a	7.19	<0.002	0.000116(J)	n/a	0.0119	299	0.927	<0.002	0.527	n/a	<0.002	<0.002	0.000382(J)
	7/25/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.005	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/10/2023	n/a	<0.004	0.00116(J)	0.101	<0.002	<0.001	n/a	9.34	<0.002	<0.002	n/a	<0.005	319	0.638	<0.002	0.577	n/a	<0.002	<0.002	<0.002
	1/31/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/22/2024	n/a	<0.004	0.00111(J)	0.115	<0.002	<0.001	n/a	9.75	<0.002	6.39E-05(J)	n/a	<0.005	349(B)	0.672	<0.002	0.626	n/a	<0.002	<0.002	<0.002
	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/5/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/20/2024	n/a	0.000724(J)	0.00103(J)	0.126	<0.002	<0.001	n/a	9.26	<0.002	<0.002	n/a	0.00313(BJ)	349(B)	0.892	<0.002	0.673	n/a	<0.002	<0.002	0.000124(J)
	5/15/2025	n/a	<0.004	0.00101(J)	0.123	<0.002	<0.001	n/a	9.1	<0.002	<0.002	n/a	0.00263(J)	349(B)	0.832	0.000539(BJ	0.66	n/a	<0.002	<0.002	<0.002
MW-17	downgradient																				
	3/16/1995	<0.05	<0.006	<0.005	<1	<0.004	<0.005	87.3	41	<0.005	<0.1	364	<0.03	839	1.47	<0.015	0.51	n/a	<0.1	<0.005	<0.05
	5/23/1995	0.19	<0.006	<0.005	<1	<0.004	<0.005	185	55	<0.05	<0.03	124	<0.03	641	11.4	0.017	0.12	n/a	<0.05	<0.005	<0.05

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-17	6/29/1995	0.34	<0.006	<0.005	<1	<0.004	<0.005	145	47.5	<0.05	<0.03	58	<0.03	552	7.24	<0.015	0.93	n/a	<0.1	<0.005	<0.05
(cont.)	7/25/1995	0.26	<0.006	<0.005	<1	<0.004	<0.005	128	38.7	<0.05	<0.03	9	<0.03	469	5.93	<0.015	0.78	n/a	<0.1	<0.005	<0.05
	2/8/1996	0.33	<0.014	<0.008	<1	<0.004	<0.005	108	41	<0.05	<0.03	<3.7	<0.03	502	6.93	0.024	0.6	n/a	<0.1	<0.008	<0.05
	8/6/1996	0.35	<0.006	<0.01	<1	<0.004	<0.005	108.2	27	<0.05	<0.02	<3.7	<0.03	460	0.93	0.025	0.29	n/a	<0.05	<0.01	<0.05
	2/26/1997	<0.07	<0.006	<0.01	<1	<0.004	<0.005	100	35	<0.05	<0.02	5	<0.03	481	4.18	0.036	0.23	n/a	<0.05	<0.01	<0.05
	9/10/1997	0.68	<0.006	<0.01	<1	<0.004	<0.005	95	53	<0.05	<0.02	<3.7	<0.03	467	2.89	<0.015	0.196	n/a	<0.05	<0.02	<0.05
	4/9/1998	0.08	<0.006	<0.01	0.128	<0.002	<0.003	97	34	<0.01	<0.02	<3.7	<0.005	450	2.56	<0.005	0.15	n/a	<0.01	<0.01	<0.01
	9/23/1998	0.06	<0.006	<0.005	<0.1	<0.002	<0.003	95	30.5	<0.01	<0.02	9	<0.005	497	1.89	<0.005	0.129	n/a	<0.01	<0.01	<0.01
	3/16/1999	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	100	38	<0.01	<0.02	<3.7	<0.005	526	2.64	<0.005	0.13	n/a	<0.01	<0.01	<0.01
	9/29/1999	0.12	<0.006	<0.005	0.14	<0.002	<0.003	96.2	15.7	<0.01	<0.02	<3.7	<0.005	487	3.52	<0.005	0.114	n/a	<0.01	<0.01	<0.01
	3/14/2000	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	92.1	23	<0.01	<0.01	<3.7	<0.005	422	7.01	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
	9/20/2000	<0.06	<0.006	<0.005	0.139	<0.002	<0.003	100.2	30.5	<0.01	<0.02	<3.7	<0.005	491	1.59	<0.005	0.09	n/a	<0.01	<0.01	<0.01
	3/21/2001	<0.06	<0.006	<0.005	0.143	<0.002	<0.003	100.2	35	<0.01	<0.02	<3.7	<0.005	532	1.28	<0.005	0.08	n/a	<0.01	<0.01	<0.01
	9/26/2001	<0.05	<0.006	<0.005	0.1	<0.002	<0.003	98.2	35	<0.01	<0.02	16	<0.005	492	3.19	<0.005	0.122	n/a	<0.01	<0.005	<0.01
	3/27/2002	0.06	<0.006	<0.005	0.18	<0.002	<0.003	104	34.5	0.01	<0.02	<3.7	<0.005	519	1.87	<0.005	0.164	n/a	<0.01	<0.01	<0.01
	9/25/2002	<0.06	<0.006	<0.005	0.201	<0.002	<0.003	96.2	36	<0.01	<0.02	<3.7	<0.005	524	2.22	<0.005	0.122	n/a	<0.01	<0.01	<0.01
	4/1/2003	<0.05	<0.006	<0.005	0.157	<0.002	<0.003	106	32.5	<0.01	<0.02	<3.7	0.0056	535	3.863	<0.005	0.083	n/a	<0.01	<0.01	<0.01
	9/17/2003	<0.06	<0.006	<0.005	0.079	<0.002	<0.003	102	32.2	<0.01	<0.02	34	<0.005	551	4.5	<0.005	<0.05	n/a	<0.01	0.00848	<0.01
MW-17R	upgradient																				
	9/14/2004	n/a	<0.006	<0.005	0.113	<0.004	<0.003	n/a	15.7	<0.01	<0.02	n/a	<0.005	335	0.874	<0.005	0.09	n/a	<0.01	<0.01	<0.01
	3/9/2005	n/a	<0.006	<0.005	<0.01(O)	<0.002	<0.003	n/a	15.5	<0.005	<0.02	n/a	<0.005	332	0.932	<0.005	<0.05	n/a	<0.01	<0.01	<0.01
	9/28/2005	n/a	<0.002	<0.0015	0.0724	<0.00018	<0.0003	n/a	26	0.00179	<0.02	n/a	<0.001	324	1.22	<0.001	<0.03	n/a	<0.01	<0.003	<0.00057
	3/15/2006	n/a	<0.002	<0.0015	0.0266(O)	<0.00018	<0.0003	n/a	32	0.000743	<0.02	n/a	<0.001	312	1.11	<0.001	<0.03	n/a	0.0233	<0.003	<0.00057
	9/20/2006	n/a	<0.002	<0.005	0.0274(O)	<5E-05	<0.0003	n/a	12.5	<0.0015	<0.1	n/a	<0.002	309	0.755	<0.001	<0.03	n/a	<0.005	<0.005	<0.00057
	3/6/2007	n/a	<0.002	<0.0015	0.036(O)	<5E-05	<0.0003	n/a	12	0.000914	<0.02	n/a	<0.002	313	0.649	<0.001	<0.03	n/a	<0.002	<0.003	<0.00057
	9/19/2007	n/a	<0.00092	<0.00074	0.0852	<0.00032	<0.000595	n/a	14	0.00085	<0.0005	n/a	<0.0005	357	<0.25	<0.000424	<0.015(O)	n/a	0.00075	<0.00356	<0.000434
	4/1/2008	n/a	<0.0025	<0.0037	0.0968	<0.0016	<0.003	n/a	12.9	0.0152(R)	<0.0025	n/a	0.00165	318	<10	<0.0005	<0.015(O)	n/a	0.0125	<0.0178	<0.00125
	9/18/2008	n/a	<0.0004	0.00086	0.0959	<0.0002	<0.0002	n/a	<15	0.00132	<0.001	n/a	0.00044	321	1.27	0.00042	0.0414	n/a	0.00142	<0.001	<0.0002
	3/17/2009	n/a	<0.0004	0.00192	0.0854	<0.0002	<0.0002	n/a	6.3	0.0114(R)	<0.001	n/a	0.00088	287	1.81	0.0006	0.0431	n/a	0.0224	<0.001	<0.0002
	10/7/2009	n/a	0.00014	0.0008	0.0855	<0.0002	<0.0002	n/a	8.74	0.00076	<0.001	n/a	0.00122	303	0.862	4E-05	0.0359	n/a	0.00068	<0.001	<0.0002
	3/16/2010	n/a	<0.0003	0.0009	0.0945	<0.0003	<0.0002	n/a	6.58	0.0013	<0.001	n/a	<0.0003	294	0.998	<0.0001	0.0455	n/a	0.0029	<0.002	<0.0008
	9/28/2010	n/a	<0.0003	<0.0002	0.0965	<0.0003	<0.0002	n/a	7.2	0.0012	<0.001	n/a	<0.0003	223	1.19	<0.0001	0.0426	n/a	0.0019	<0.002	<0.0008
	3/9/2011	n/a	<0.001	<0.001	0.088	<0.001	<0.0005	n/a	8.5	<0.01	<0.01	n/a	<0.002	290	1.1	<0.001	0.42(O)	n/a	<0.02	<0.001	<0.01
	9/13/2011	n/a	<0.001	<0.001	0.09	<0.001	<0.0005	n/a	14	<0.01	<0.01	n/a	<0.002	300	1.1	<0.001	0.039	n/a	<0.02	<0.001	<0.01
	3/13/2012	n/a	<0.001	0.00038	0.11	<0.001	<0.0005	n/a	10	0.021(R)	<0.01	n/a	0.0018	280	1.9	0.00094	0.052	n/a	0.02	<0.001	<0.01
	9/26/2012	n/a	<0.001	<0.001	0.11	0.00013	<0.0005	n/a	11	<0.01	<0.01	n/a	<0.002	340	1.4	0.00085	0.06	n/a	<0.02	<0.001	<0.01
	3/5/2013	n/a	<0.001	0.00073(J)	0.1	0.0002(J)	<0.0005	n/a	8.1(B)	0.012	<0.01	n/a	<0.002	310	1.3(B)	<0.001	0.055(B)	<0.0002	0.01(J)	<0.001	0.0031(J)
	9/11/2013	n/a	0.00043(J)	0.0016	0.1	<0.001	0.00016(J)	n/a	8.2	0.44(R)	0.0041	n/a	0.016(BR)	310	5.8(R)	0.00078(J)	0.15(O)	<0.0002	0.38(R)	<0.001	<0.001
	3/5/2014	n/a	<0.001	0.0011	0.1	<0.001	0.00032(J)	n/a	8.2	0.0014(J)	0.00034(J)	n/a	<0.002	300	1.5	0.00093(J)	0.058	n/a	0.0045	0.00081(J)	<0.001
	10/9/2014	n/a	0.00027(J)	0.00046(J)	0.11	<0.001	<0.0005	n/a	8.2	0.0091	0.00028(J)	n/a	<0.002	310(B)	1	<0.001	0.053	n/a	0.0065	<0.001	<0.001
	4/21/2015	n/a	0.00022(J)	0.00089(J)	0.1	<0.002	<0.001	n/a	8.44	0.0035	<0.002	n/a	<0.005	310	1.6	<0.002	0.049	n/a	0.0033	<0.002	<0.002
	10/14/2015	n/a	<0.002	0.00165(J)	0.109	<0.002	<0.001	n/a	8.31	0.0197	0.000306(J)	n/a	0.000979(J)	325	2.08	<0.002	0.0476	n/a	0.0114	<0.002	<0.002
	4/12/2016	n/a	0.000478(J)	0.0014(J)	0.104	<0.002	<0.001	n/a	8.61	0.0238	0.000378(J)	n/a	0.00126(J)	320	1.89	<0.002	0.0513	n/a	0.016	<0.002	0.000378(J)
	8/2/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00228(J)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	n/a	<0.002	0.000667(J)	0.0961	<0.002	<0.001	n/a	8.56	0.0181	0.000328(J)	n/a	0.0017(BJ)	323	1.3	<0.002	0.0464	n/a	0.0121	<0.002	<0.002
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/14/2017	n/a	<0.002	0.000678(J)	0.097	<0.002	<0.001	n/a	10.3	0.00322	<0.002	n/a	<0.005	335	1.34	<0.002	0.0491	n/a	0.00329	<0.002	<0.002
	11/29/2017	n/a	<0.002	0.00153(J)	0.106	<0.002	<0.001	n/a	8.32	<0.002	<0.002	n/a	0.0018(BJ)	330	1.67	<0.002	0.047	n/a	<0.002	<0.002	<0.002
	5/23/2018	n/a	<0.002	0.00323	0.122	<0.002	<0.001	n/a	7.5	<0.002	<0.002	n/a	0.000846(BJ	353	4.84	0.00049(BJ)	0.0527	n/a	<0.002	<0.002	<0.002
	8/20/2018	n/a	n/a	0.000788(J)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-17R	11/9/2018	n/a	<0.002	0.00111(J)	0.105	<0.002	<0.001	n/a	7.32	<0.002	<0.002	n/a	0.00139(BJ	349	2.24	0.000401(J	0.051	n/a	<0.002	<0.002	<0.002
(cont.)	5/6/2019	n/a	<0.002	0.00213	0.123	<0.002	<0.001	n/a	6.97	<0.002	<0.002	n/a	0.00102(J)	368	3.34	0.000269(J	0.0584	n/a	0.000637(BJ	<0.002	<0.002
	7/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	380	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/25/2019	n/a	<0.002	0.00132(J)	0.121	<0.002	0.00026(J)	n/a	6.96	0.00109(BJ	<0.002	n/a	0.00123(J)	309	2.33	0.000911(J	0.0573	n/a	0.000699(BJ	<0.002	<0.002
	5/14/2020	n/a	<0.004	0.00078(J)	0.116	<0.002	<0.001	n/a	7.41	<0.002	<0.002	n/a	<0.005	375	1.81	<0.005	0.0529	n/a	<0.002	<0.002	<0.002
	11/10/2020	n/a	<0.004	0.00076(J)	0.12	<0.002	<0.001	n/a	6.58	<0.002	6.53E-05(J)	n/a	0.00278(J)	379	1.73	<0.005	0.0538	n/a	<0.002	<0.002	<0.002
	5/12/2021	n/a	<0.004	0.000957(J	0.121	<0.002	<0.001	n/a	6.83	<0.002	0.000166(J	n/a	<0.005	342	2.59	<0.002	0.0557	n/a	<0.002	<0.002	8.48E-05(J)
	11/9/2021	n/a	<0.004	0.00108(J)	0.108	<0.002	<0.001	n/a	6.76	<0.002	<0.002	n/a	<0.005	413	2.28	<0.002	0.046	n/a	<0.002	<0.002	<0.002
	5/10/2022	n/a	<0.004	0.00205(B)	0.119	<0.002	<0.001	n/a	7.33	<0.002	<0.002	n/a	<0.005	418	3.28	<0.002	0.0594	n/a	<0.002	<0.002	<0.002
	11/10/2022	n/a	<0.004	0.000862(J	0.136	<0.002	0.00018(J)	n/a	6.85	<0.002	0.000461(J	n/a	<0.005	409	1.84	<0.002	0.0606	n/a	<0.002	<0.002	<0.002
	2/6/2023	n/a	n/a	n/a	0.127	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	n/a	<0.004	0.00182(J)	0.129	<0.002	<0.001	n/a	6.89	<0.002	0.000532(J	n/a	<0.005	413	3.24	<0.002	0.0615	n/a	<0.002	<0.002	<0.002
	11/9/2023	n/a	<0.004	0.000884(J	0.134	<0.002	<0.001	n/a	7.86	<0.002	0.000292(J	n/a	<0.005	466	1.87	<0.002	0.0536	n/a	<0.002	<0.002	<0.002
	5/21/2024	n/a	<0.004	0.000845(J	0.138	<0.002	<0.001	n/a	7.98	<0.002	0.000299(J	n/a	<0.005	414(B)	2.62	<0.002	0.0642	n/a	<0.002	<0.002	<0.002
	8/5/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/20/2024	n/a	0.000535(J	0.00105(J)	0.144	<0.002	<0.001	n/a	8.21	<0.002	0.000505(J	n/a	0.00177(BJ	444(B)	2.37	<0.002	0.0655	n/a	0.000573(J	<0.002	<0.002
	1/23/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0562	n/a	n/a	n/a	n/a
	5/8/2025	n/a	<0.004	0.00129(J)	0.136	<0.002	<0.001	n/a	8.06	<0.002	0.00068(J)	n/a	<0.005	441(B)	3.7	<0.002	0.0655	n/a	0.000788(J	<0.002	<0.002
MW-18	downgradient																				
	3/16/1995	0.42	<0.006	<0.005	<1	<0.004	<0.005	41.2	15	<0.005	<0.1	33	<0.03	608	0.81	<0.015	<0.05	n/a	<0.1	<0.005	<0.05
	5/23/1995	0.29	<0.006	<0.005	<1	<0.004	<0.005	75	19	<0.05	<0.03	12	<0.03	344	6.86	<0.015	1.61	n/a	<0.05	<0.005	<0.05
	6/29/1995	0.26	0.012	<0.005	<1	<0.004	<0.005	140	15.2	<0.05	<0.03	21	<0.03	497	4.17	<0.015	1.34	n/a	<0.1	<0.005	<0.05
	7/25/1995	0.29	<0.006	<0.005	<1	<0.004	<0.005	147	12	<0.05	<0.03	<3.7	<0.03	554	5.31	<0.015	1.29	n/a	<0.1	<0.005	<0.05
	2/8/1996	0.16	<0.014	<0.008	<1	<0.004	<0.005	133	17	<0.05	<0.03	<3.7	<0.03	546	7.08	0.048	1.43	n/a	<0.1	<0.008	<0.05
	8/6/1996	<0.1	<0.006	<0.01	<1	<0.004	<0.005	131	14	<0.05	<0.02	<3.7	<0.03	575	3.15	0.033	0.97	n/a	<0.05	<0.01	<0.05
	2/26/1997	<0.07	<0.006	<0.01	<1	<0.004	<0.005	120	15	<0.05	0.02	<3.7	<0.03	528	3.17	0.041	0.84	n/a	<0.05	<0.01	<0.05
	9/10/1997	0.12	<0.006	<0.01	<1	<0.004	<0.005	145	32	<0.05	<0.02	<3.7	<0.03	620	3.15	<0.015	1.13	n/a	<0.05	<0.02	<0.05
	4/9/1998	0.23	<0.006	<0.01	0.307	<0.002	<0.003	135	17	<0.01	<0.02	<3.7	<0.005	595	2.36	<0.005	1.11	n/a	<0.01	<0.01	<0.01
	9/23/1998	0.12	<0.006	<0.005	<0.1	<0.002	<0.003	146	18	<0.01	<0.02	14	<0.005	650	1.66	<0.005	0.938	n/a	<0.01	<0.01	<0.01
	3/16/1999	<0.06	<0.006	<0.005	<0.1	<0.002	<0.003	140	20	<0.01	<0.02	<3.7	<0.005	619	1.97	<0.005	0.95	n/a	<0.01	<0.01	<0.01
	9/29/1999	0.06	<0.006	<0.005	0.35	<0.002	<0.003	140	11.8	<0.01	<0.02	<3.7	<0.005	656	1.69	<0.005	1.12	n/a	<0.01	0.01	<0.01
	3/14/2000	<0.06	<0.006	<0.005	0.255	<0.002	<0.003	136	22	<0.01	<0.01	<3.7	<0.005	606	1.57	<0.005	0.93	n/a	<0.01	0.096	<0.01
	9/20/2000	<0.06	<0.006	<0.005	0.342	<0.002	<0.003	132.2	26.2	<0.01	<0.02	<3.7	<0.005	618	0.46	<0.005	0.8	n/a	<0.01	<0.01	<0.01
	3/21/2001	<0.06	0.016	<0.005	0.294	<0.002	<0.003	122.2	33	<0.01	<0.02	<3.7	<0.005	585	1.5	<0.005	0.88	n/a	0.014	<0.01	<0.01
	9/26/2001	<0.05	<0.006	<0.005	0.236	<0.002	<0.003	140	20.8	<0.01	<0.02	<3.7	<0.005	634	1.62	<0.005	0.827	n/a	<0.01	<0.005	<0.01
	3/27/2002	<0.06	<0.006	<0.005	0.372	<0.002	<0.003	118	34	<0.01	<0.02	<3.7	<0.005	599	0.954	<0.005	0.642	n/a	<0.01	0.232	<0.01
	9/25/2002	0.06	<0.006	<0.005	0.399	<0.002	<0.003	128	39.5	<0.01	<0.02	<3.7	<0.005	645	2.2	<0.005	0.583	n/a	<0.01	<0.01	<0.01
	4/1/2003	<0.05	<0.006	<0.005	0.287	<0.002	<0.003	128	39.5	<0.01	<0.02	<3.7	<0.005	585	1.561	<0.005	0.503	n/a	<0.01	<0.01	<0.01
	9/17/2003	0.23	<0.006	0.00798	0.274	0.00222	<0.003	112	39.8	0.0177	<0.02	55	0.0311	555	30.8(R)	<0.005	0.864	n/a	<0.01	<0.01	<0.01
MW-19	downgradient																				
	9/28/2010	n/a	<0.0003	0.0022	0.189	<0.0003	<0.001	n/a	12.7	<0.0005	<0.001	n/a	0.004	371	1.86	<0.0001	0.698	n/a	0.0016	<0.002	<0.0008
	12/30/2010	n/a	<0.001	0.0013	0.145	<0.0005	<0.0005	n/a	11.3	0.00085	<0.0025	n/a	<0.001	372	1.01	<0.0005	0.448	n/a	0.0014	<0.0025	<0.0005
	3/9/2011	n/a	<0.001	<0.001	0.16	<0.001	<0.0005	n/a	15	<0.01	<0.01	n/a	<0.002	400	1.2	<0.001	0.48	n/a	<0.02	<0.001	<0.01
	6/3/2011	n/a	<0.001	<0.001	0.2	<0.001	<0.0005	n/a	15	<0.01	<0.01	n/a	<0.002	430	1.4	<0.001	0.5	n/a	<0.02	<0.001	<0.01
	9/13/2011	n/a	<0.001	0.0019	0.19	<0.001	<0.0005	n/a	19	<0.01	<0.01	n/a	<0.002	400	1.2	<0.001	0.45	n/a	<0.02	<0.001	<0.01
	3/13/2012	n/a	0.00022	0.00078	0.27	<0.001	<0.0005	n/a	16	0.0084	<0.01	n/a	0.0016	440	2.1	0.00066	0.57	n/a	<0.02	<0.001	<0.01
	9/26/2012	n/a	<0.001	0.0019	0.3	<0.001	<0.0005	n/a	16	<0.01	<0.01	n/a	0.00071	510	2.2	0.00052	0.51	n/a	<0.02	0.0007	<0.01
	3/5/2013	n/a	<0.001	0.001(J)	0.3	<0.001	<0.0005	n/a	16(B)	0.47(R)	0.0038(J)	n/a	0.014	460	5.1(B)	0.00091(J)	0.6(B)	<0.0002	0.29(R)	<0.001	<0.01
	9/11/2013	n/a	0.00068(J)	0.015(O)	0.27	<0.001	<0.0005	n/a	15	0.025	0.0016	n/a	0.33(BO)	370	3.8	0.0018	0.75	<0.0002	0.022	0.00075(J)	<0.001
	11/20/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-19	3/4/2014	n/a	<0.001	0.002	0.24	<0.001	0.00029(J)	n/a	17	0.007	0.00058(J)	n/a	0.0017(J)	400	2.5	0.00079(J)	0.63	n/a	0.011	0.0013	<0.001
(cont.)	6/9/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	10/9/2014	n/a	<0.001	0.00061(J)	0.25	<0.001	<0.0005	n/a	14	0.021	0.00035(J)	n/a	0.0013(J)	420(B)	2.4	0.00028(J)	0.65	n/a	0.01	<0.001	<0.001
	4/21/2015	n/a	<0.002	0.001(J)	0.22	<0.002	<0.001	n/a	13	0.022	0.00033(J)	n/a	0.0016(J)	400	1.7	0.00036(J)	0.6	n/a	0.016	<0.002	<0.002
	10/16/2015	n/a	<0.002	0.00148(J)	0.23	<0.002	<0.001	n/a	13.6	0.321	0.00354	n/a	0.0105	420	3.42	0.00059(J)	0.658	n/a	0.163	<0.002	<0.002
	2/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.175	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0804	n/a	n/a
	4/14/2016	n/a	0.000289(J)	0.00104(J)	0.226	<0.002	<0.001	n/a	15.4	0.0206	0.000341(J)	n/a	0.00236(J)	407	1.72	<0.002	0.568	n/a	0.0109	<0.002	<0.002
	8/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0149	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/22/2016	n/a	<0.002	0.000711(J)	0.2	<0.002	<0.001	n/a	13.4	0.0186	0.000345(J)	n/a	0.00087(BJ)	428	1.37	<0.002	0.518	n/a	0.0135	<0.002	<0.002
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2017	n/a	<0.002	0.000726(J)	0.216	<0.002	<0.001	n/a	13.6	0.00566	<0.002	n/a	0.000588(J)	381	1.64	<0.002	0.588	n/a	0.00354	<0.002	<0.002
	12/1/2017	n/a	<0.002	0.00168(J)	0.203	<0.002	<0.001	n/a	14	0.000638(BJ	<0.002	n/a	0.00099(BJ)	401	1.51	<0.002	0.577	n/a	<0.002	<0.002	<0.002
	3/8/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/24/2018	n/a	<0.002	0.00198(J)	0.211	<0.002	<0.001	n/a	14.1	<0.002	<0.002	n/a	0.00118(BJ)	404	1.43	<0.002	0.666	n/a	<0.002	<0.002	<0.002
	11/12/2018	n/a	<0.002	0.000815(J)	0.188	<0.002	<0.001	n/a	12.2	<0.002	<0.002	n/a	0.000618(BJ	387	1.42	0.000254(J)	0.619	n/a	<0.002	<0.002	<0.002
	5/7/2019	n/a	<0.002	0.000772(J)	0.235	<0.002	<0.001	n/a	12.2	<0.002	<0.002	n/a	0.000609(J)	425	1.92	<0.002	0.722	n/a	0.000515(BJ	<0.002	<0.002
	11/26/2019	n/a	<0.002	0.00105(J)	0.197	<0.002	<0.001	n/a	13	0.000746(BJ	<0.002	n/a	<0.005	371	1.26	<0.002	0.585	n/a	<0.002	<0.002	<0.002
	5/14/2020	n/a	<0.004	0.00113(J)	0.186	<0.002	<0.001	n/a	14.1	<0.002	<0.002	n/a	<0.005	389	0.72	<0.005	0.634	n/a	<0.002	<0.002	<0.002
	11/10/2020	n/a	<0.004	0.00104(J)	0.175	<0.002	<0.001	n/a	12.6	0.00128(J)	6.84E-05(J)	n/a	0.00295(J)	369	1.1	<0.005	0.517	n/a	<0.002	<0.002	<0.002
	5/13/2021	n/a	<0.004	0.00115(J)	0.148	<0.002	<0.001	n/a	11.3	<0.002	<0.002	n/a	0.0125	344	0.783	<0.002	0.457	n/a	<0.002	<0.002	<0.002
	11/9/2021	n/a	<0.004	0.0011(J)	0.145	<0.002	<0.001	n/a	12	<0.002	<0.002	n/a	<0.005	359	0.764	<0.002	0.469	n/a	<0.002	<0.002	7.65E-05(J)
	5/10/2022	n/a	<0.004	0.00171(BJ)	0.161	<0.002	<0.001	n/a	11.9	<0.002	<0.002	n/a	<0.005	366	0.987	<0.002	0.504	n/a	<0.002	<0.002	0.000124(J)
	11/10/2022	n/a	<0.004	0.00128(J)	0.187	<0.002	<0.001	n/a	11.7	<0.002	<0.002	n/a	<0.005	370	0.99	<0.002	0.598	n/a	<0.002	<0.002	<0.002
	5/9/2023	n/a	<0.004	0.00106(J)	0.145	<0.002	<0.001	n/a	9.45	<0.002	<0.002	n/a	<0.005	320	0.663	<0.002	0.465	n/a	<0.002	<0.002	<0.002
	11/9/2023	n/a	<0.004	0.00115(J)	0.178	<0.002	<0.001	n/a	10.9	<0.002	<0.002	n/a	<0.005	417(B)	0.989	<0.002	0.571	n/a	<0.002	<0.002	<0.002
	5/21/2024	n/a	<0.004	0.00103(J)	0.153	<0.002	<0.001	n/a	9.78	<0.002	<0.002	n/a	<0.005	331(B)	0.648	<0.002	0.479	n/a	<0.002	<0.002	0.000585(J)
	11/20/2024	n/a	0.000402(J)	0.00126(J)	0.179	<0.002	<0.001	n/a	10.1	<0.002	<0.002	n/a	0.00192(BJ)	362(B)	1.01	<0.002	0.606	n/a	<0.002	<0.002	<0.002
	5/8/2025	n/a	<0.004	0.00122(J)	0.145	<0.002	<0.001	n/a	9.84	<0.002	0.00012(J)	n/a	<0.005	326(B)	0.861	<0.002	0.478	n/a	<0.002	<0.002	<0.002
MW-20	downgradient																				
	9/28/2010	n/a	<0.0003	<0.0002	0.193	<0.0003	<0.0002	n/a	8.02	0.0021	<0.001	n/a	<0.001	270	3.57	<0.0001	0.498	n/a	0.0042	<0.002	<0.0008
	12/30/2010	n/a	<0.001	0.0006	0.145	<0.0005	<0.0005	n/a	7.87	0.0007	<0.0025	n/a	0.0013	318	2.99	<0.0005	0.391	n/a	0.00185	<0.0025	<0.0005
	3/9/2011	n/a	<0.001	<0.001	0.15	<0.001	<0.0005	n/a	8.3	<0.01	<0.01	n/a	<0.002	300	3.1	<0.001	0.42	n/a	<0.02	<0.001	<0.01
	6/3/2011	n/a	<0.001	<0.001	0.16	<0.001	<0.0005	n/a	8.2	<0.01	<0.01	n/a	<0.002	310	3.5	<0.001	0.45	n/a	<0.02	<0.001	<0.01
	9/13/2011	n/a	<0.001	0.0015	0.16	<0.001	<0.0005	n/a	13	<0.01	<0.01	n/a	<0.002	320	3.1	<0.001	0.41	n/a	<0.02	<0.001	<0.01
	3/13/2012	n/a	0.0003	0.00033	0.17	<0.001	<0.0005	n/a	7.4	0.0086	<0.01	n/a	0.002	310	3.1	0.0008	0.4	n/a	<0.02	<0.001	<0.01
	9/26/2012	n/a	<0.001	0.0014	0.18	<0.001	<0.0005	n/a	8.3	<0.01	<0.01	n/a	0.0018	350	4.1	0.001	0.47	n/a	<0.02	0.00047	<0.01
	3/6/2013	n/a	<0.001	0.0013	0.21	<0.005	<0.0005	n/a	7.6(B)	0.031(R)	<0.01	n/a	0.0068	300	5.4(B)	0.0054(R)	0.49(B)	<0.0002	0.028(R)	<0.001	<0.01
	9/12/2013	n/a	0.00035(J)	0.011	0.2	<0.001	0.00018(J)	n/a	10	0.018	0.0028	n/a	0.0062(B)	330	6.3	0.00071(J)	0.77	<0.0002	0.015	0.0004(J)	<0.001
	11/20/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/5/2014	n/a	<0.001	0.0012	0.17	<0.001	0.00033(J)	n/a	8.4	0.0015(J)	0.00049(J)	n/a	0.0018(J)	280	2.6	0.001	0.47	n/a	0.005	0.0011	<0.001
	6/9/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	10/23/2014	n/a	0.00028(J)	<0.002	0.18	<0.002	<0.001	n/a	8.8	0.008	<0.002	n/a	<0.005	360	2.8	<0.002	0.53	n/a	0.006	<0.002	<0.002
	4/21/2015	n/a	<0.002	0.00069(J)	0.18	<0.002	<0.001	n/a	15	0.006	<0.002	n/a	0.00094(J)	360	3.2	0.00038(J)	0.56	n/a	0.0044	<0.002	<0.002
	10/15/2015	n/a	<0.002	0.00125(J)	0.16	<0.002	<0.001	n/a	8.43	0.00618	<0.002	n/a	0.00312(J)	310	2.36	0.000348(J)	0.443	n/a	0.00413	<0.002	<0.002
	4/13/2016	n/a	0.000326(J)	0.00107(J)	0.209	<0.002	<0.001	n/a	8.39	0.0179	0.000478(J)	n/a	0.00304(J)	383	3.83	0.000483(J)	0.557	n/a	0.0109	<0.002	<0.002
	8/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0212	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	n/a	<0.002	0.000423(J)	0.213	<0.002	<0.001	n/a	8.43	0.00923	0.000358(J)	n/a	0.00278(BJ)	382	4.48	0.000398(J)	0.579	n/a	0.00489	<0.002	<0.002
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/14/2017	n/a	<0.002	0.000433(J)	0.23	<0.002	<0.001	n/a	8.41	0.00278	<0.002	n/a	0.00157(J)	407	5.28	0.000367(J)	0.679	n/a	0.00198(J)	<0.002	<0.002
	10/5/2017	n/a	n/a	n/a	0.174	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	341	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-20	12/1/2017	n/a	<0.002	0.00109(J)	0.2	<0.002	<0.001	n/a	8.16	<0.002	<0.002	n/a	0.00101(BJ	356	2.8	<0.002	0.626	n/a	<0.002	<0.002	<0.002
(cont.)	5/24/2018	n/a	<0.002	0.00134(J)	0.182	<0.002	<0.001	n/a	8.75	<0.002	<0.002	n/a	).000683(BJ	339	2.45	<0.002	0.522	n/a	<0.002	<0.002	<0.002
	11/13/2018	n/a	<0.002	0.000335(J)	0.23	<0.002	<0.001	n/a	9.43	<0.002	<0.002	n/a	).000554(BJ	392	3.72	<0.002	0.732	n/a	<0.002	<0.002	<0.002
	1/29/2019	n/a	n/a	n/a	0.185	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	373	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/7/2019	n/a	<0.002	0.000774(J)	0.18	<0.002	<0.001	n/a	8.54	<0.002	<0.002	n/a	0.000718(J)	333	1.89	<0.002	0.55	n/a	).000521(BJ	<0.002	<0.002
	11/26/2019	n/a	<0.002	0.000542(J)	0.171	<0.002	<0.001	n/a	8.15	0.00107(BJ)	<0.002	n/a	0.000833(J)	263	2.22	0.00096(J)	0.605	n/a	).000526(BJ	<0.002	<0.002
	5/14/2020	n/a	<0.004	<0.002	0.175	<0.002	<0.001	n/a	9.53	<0.002	<0.002	n/a	<0.005	349	1.6	<0.005	0.554	n/a	<0.002	<0.002	<0.002
MW-20R	downgradient																				
	5/13/2021	n/a	<0.004	0.000487(J)	0.159	<0.002	<0.001	n/a	8.98	0.00139(J)	0.000178(J)	n/a	0.00277(J)	370	2.63	<0.002	0.751	n/a	0.000937(J)	<0.002	0.000455(J)
	7/28/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2021	n/a	<0.004	0.000313(J)	0.128	<0.002	<0.001	n/a	7.74	<0.002	<0.002	n/a	<0.005	353	2.05	<0.002	0.701	n/a	<0.002	<0.002	0.000159(J)
	1/11/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/11/2022	n/a	<0.004	).000553(BJ	0.165	<0.002	<0.001	n/a	8.32	<0.002	<0.002	n/a	<0.005	404	2.53	<0.002	0.899	n/a	<0.002	<0.002	<0.002
	11/10/2022	n/a	<0.004	0.000383(J)	0.15	<0.002	<0.001	n/a	8.31	<0.002	<0.002	n/a	<0.005	344	2.41	<0.002	0.892	n/a	<0.002	<0.002	<0.002
	5/8/2023	n/a	<0.004	0.000342(J)	0.176	<0.002	<0.001	n/a	7.23	<0.002	<0.002	n/a	<0.005	306	3.14	<0.002	0.803	n/a	<0.002	<0.002	<0.002
	11/10/2023	n/a	<0.004	0.000522(J)	0.144	<0.002	<0.001	n/a	8.61	<0.002	<0.002	n/a	0.00499(J)	336	2.54	<0.002	0.891	n/a	0.00228	<0.002	<0.002
	5/22/2024	n/a	<0.004	<0.002	0.18	<0.002	<0.001	n/a	8.77	<0.002	<0.002	n/a	<0.005	395(B)	0.0561(J)	<0.002	1.04	n/a	<0.002	<0.002	<0.002
	11/20/2024	n/a	<0.004	0.000551(J)	0.138	<0.002	<0.001	n/a	8.66	<0.002	<0.002	n/a	0.00146(BJ	330(B)	2.14	<0.002	0.859	n/a	<0.002	<0.002	<0.002
	5/8/2025	n/a	<0.004	0.000409(J)	0.144	<0.002	<0.001	n/a	9.08	<0.002	<0.002	n/a	<0.005	336(B)	2.62	<0.002	0.913	n/a	<0.002	<0.002	<0.002
MW-21	downgradient																				
	9/28/2010	n/a	<0.00015	0.0009	0.0918	<0.00015	<0.0001	n/a	5.83	<0.00025	<0.0005	n/a	0.0006	377	0.748	<5E-05	0.257	n/a	0.0009	<0.001	<0.0004
	12/30/2010	n/a	<0.001	0.00175	0.16	<0.0005	<0.0005	n/a	6.79	0.0009	<0.0025	n/a	<0.001	393	1.23	0.0005	0.435	n/a	0.00125	<0.0025	<0.0005
	3/9/2011	n/a	<0.001	<0.001	0.18	<0.001	<0.0005	n/a	7.2	<0.01	<0.01	n/a	<0.002	400	1.4	<0.001	0.52	n/a	<0.02	<0.001	<0.01
	6/3/2011	n/a	<0.001	<0.001	0.19	<0.001	<0.0005	n/a	7.1	<0.01	<0.01	n/a	<0.002	440	1.5	<0.001	0.53	n/a	<0.02	<0.001	<0.01
	9/13/2011	n/a	<0.001	0.003	0.18	<0.001	<0.0005	n/a	12	<0.01	<0.01	n/a	<0.002	400	1.4	<0.001	0.48	n/a	<0.02	<0.001	<0.01
	3/13/2012	n/a	<0.001	0.0016	0.22	<0.001	<0.0005	n/a	7	0.014	<0.01	n/a	0.0017	420	1.9	0.0011	0.53	n/a	0.0069	<0.001	<0.01
	9/26/2012	n/a	<0.001	0.00063	0.17	0.00017	<0.0005	n/a	7.1	0.0047	<0.01	n/a	0.0013	370	1.9	0.00062	0.49	n/a	<0.02	<0.001	<0.01
	3/6/2013	n/a	<0.001	0.0016	0.18	<0.001	<0.0005	n/a	6.8(B)	0.0076(J)	<0.01	n/a	0.0025	320	3.1(B)	0.0057(R)	0.45(B)	<0.0002	0.019(J)	<0.001	<0.01
	9/12/2013	n/a	0.00032(J)	0.0081	0.27	0.00012(J)	0.00018(J)	n/a	9.3	0.012	0.0061	n/a	0.059(BO)	630	4.8	0.0023	1.5	<0.0002	0.024	0.00043(J)	<0.001
	3/6/2014	n/a	<0.001	0.017	0.19	<0.001	0.00031(J)	n/a	7	0.0029	0.00049(J)	n/a	0.0016(J)	510	2.7	0.00057(J)	1.1	n/a	0.0058	0.00097(J)	<0.001
	10/8/2014	n/a	<0.001	0.0038	0.17	<0.001	<0.0005	n/a	6.8	0.0026	<0.001	n/a	<0.002	380(B)	1.4	<0.001	0.57	n/a	0.0025	<0.001	<0.001
	4/22/2015	n/a	<0.002	0.0047	0.18	<0.002	<0.001	n/a	7	0.0013(J)	<0.002	n/a	0.00064(J)	370	1.5	0.00031(J)	0.56	n/a	0.0012(J)	<0.002	<0.002
	10/14/2015	n/a	<0.002	0.00883	0.216	<0.002	<0.001	n/a	7.21	0.0374	0.00127(J)	n/a	0.00176(J)	468	2.48	0.000281(J)	0.916	n/a	0.028	<0.002	<0.002
	4/13/2016	n/a	0.000244(J)	0.00387	0.154	<0.002	<0.001	n/a	6.9	0.00718	<0.002	n/a	0.00117(J)	330	1.48	0.000414(J)	0.472	n/a	0.00474	<0.002	<0.002
	12/20/2016	n/a	<0.002	0.00198(J)	0.144	<0.002	<0.001	n/a	7.09	0.00315	0.000264(J)	n/a	<0.005	349	1.34	0.000252(J)	0.482	n/a	0.00276	<0.002	<0.002
	6/14/2017	n/a	<0.002	0.0155	0.196	<0.002	<0.001	n/a	7.3	0.00208	<0.002	n/a	<0.005	454	2.8	<0.002	0.962	n/a	0.00176(J)	<0.002	<0.002
	11/29/2017	n/a	<0.002	0.0024	0.148	<0.002	<0.001	n/a	7.17	<0.002	<0.002	n/a	0.00113(BJ	332	1.38	<0.002	0.503	n/a	<0.002	<0.002	<0.002
	5/24/2018	n/a	<0.002	0.00445	0.171	<0.002	<0.001	n/a	7.14	<0.002	<0.002	n/a	).000749(BJ	372	1.78	0.00033(BJ)	0.6	n/a	<0.002	<0.002	<0.002
	11/13/2018	n/a	<0.002	0.00128(J)	0.127	<0.002	<0.001	n/a	6.93	<0.002	<0.002	n/a	<0.005	290	0.964	<0.002	0.491	n/a	<0.002	<0.002	<0.002
	5/7/2019	n/a	).000797(BJ	0.00171(J)	0.162	<0.002	<0.001	n/a	7.21	<0.002	<0.002	n/a	0.000723(J)	359	1.37	<0.002	0.492	n/a	<0.002	<0.002	<0.002
	11/26/2019	n/a	<0.002	0.00253	0.128	<0.002	<0.001	n/a	7.55	).000711(BJ	<0.002	n/a	<0.005	223	1.22	<0.002	0.439	n/a	<0.002	<0.002	<0.002
	5/14/2020	n/a	<0.004	0.00147(J)	0.137	<0.002	<0.001	n/a	7.39	<0.002	<0.002	n/a	<0.005	322	1.15	<0.005	0.471	n/a	<0.002	<0.002	<0.002
	11/10/2020	n/a	<0.004	0.00242	0.131	<0.002	<0.001	n/a	6.98	0.00138(J)	<0.002	n/a	<0.005	294	1.44	<0.005	0.477	n/a	<0.002	<0.002	<0.002
	5/14/2021	n/a	<0.004	0.00157(J)	0.14	<0.002	<0.001	n/a	7.18	<0.002	<0.002	n/a	0.00156(J)	339	1.2	<0.002	0.494	n/a	0.001(J)	<0.002	<0.002
	11/10/2021	n/a	<0.004	0.00112(J)	0.163	<0.002	<0.001	n/a	7.11	<0.002	<0.002	n/a	<0.005	375	1.97	<0.002	0.629	n/a	<0.002	<0.002	<0.002
	5/11/2022	n/a	<0.004	0.00374	0.19	<0.002	<0.001	n/a	7.52	<0.002	<0.002	n/a	<0.005	410	2.25	<0.002	0.679	n/a	<0.002	<0.002	<0.002
	11/10/2022	n/a	<0.004	0.00131(J)	0.214	<0.002	<0.001	n/a	7.03	<0.002	<0.002	n/a	<0.005	407	2.18	<0.002	0.735	n/a	<0.002	<0.002	<0.002
	5/8/2023	n/a	<0.004	0.00194(J)	0.157	<0.002	<0.001	n/a	7.74	<0.002	0.000145(J)	n/a	0.00193(J)	342	1.49	<0.002	0.485	n/a	<0.002	<0.002	0.000282(J)
	11/9/2023	n/a	<0.004	0.00308	0.262	<0.002	<0.001	n/a	7.54	<0.002	0.000685(J)	n/a	<0.005	581(B)	4.15	<0.002	1.45	n/a	0.000897(J)	<0.002	<0.002
	1/31/2024	n/a	n/a	n/a	0.199	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	415	1.92	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-21	5/22/2024	n/a	<0.004	0.00121(J)	0.185	<0.002	0.000154(J)	n/a	7.56	<0.002	6.42E-05(J)	n/a	0.00385(J)	418(B)	1.21	<0.002	0.57	n/a	0.00117(J)	<0.002	0.000319(J)
(cont.)	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/22/2024	n/a	<0.004	0.00325	0.207	<0.002	<0.001	n/a	7.87	<0.002	0.000313(J)	n/a	0.00145(BJ)	410(B)	3.04	<0.002	0.984	n/a	0.000607(J)	<0.002	<0.002
	5/6/2025	n/a	<0.004	0.00699	0.239	<0.002	<0.001	n/a	7.98	<0.002	0.00105(J)	n/a	0.00222(J)	556(B)	3.99	0.000518(J)	1.13	n/a	0.00122(J)	<0.002	<0.002
	7/29/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	465	2.54	n/a	n/a	n/a	n/a	n/a	n/a
MW-22	upgradient																				
	11/28/2017	n/a	<0.002	0.00268	0.0638	<0.002	<0.001	n/a	3.73	).000705(BJ	<0.002	n/a	0.00093(BJ)	207	0.78	<0.002	0.193	n/a	<0.002	<0.002	<0.002
	11/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/8/2018	n/a	<0.002	0.00261	0.0516	<0.002	<0.001	n/a	3.47	0.000633(J)	<0.002	n/a	0.00109(J)	180	0.477	<0.002	0.207	n/a	0.000505(J)	<0.002	<0.002
	5/23/2018	n/a	<0.002	0.00296	0.0638	<0.002	<0.001	n/a	4.32	<0.002	<0.002	n/a	).000579(BJ	226	0.553	<0.002	0.234	n/a	<0.002	<0.002	<0.002
	8/20/2018	n/a	<0.002	0.00217	0.0606	<0.002	<0.001	n/a	4.78	<0.002	<0.002	n/a	<0.005	236	0.499	<0.002	0.222	n/a	<0.002	<0.002	<0.002
	11/9/2018	n/a	<0.002	0.00199(J)	0.0533	<0.002	<0.001	n/a	4.11	<0.002	<0.002	n/a	<0.005	212	0.392	0.000535(J)	0.234	n/a	<0.002	<0.002	<0.002
	1/29/2019	n/a	<0.002	0.00214	0.0571	<0.002	<0.001	n/a	4.3	<0.002	<0.002	n/a	0.00058(BJ)	231	0.453	<0.002	0.217	n/a	<0.002	<0.002	<0.002
	5/6/2019	n/a	).000874(BJ	0.00253	0.0568	<0.002	<0.001	n/a	3.56	<0.002	<0.002	n/a	0.000644(J)	196	0.397	<0.002	0.222	n/a	).000572(BJ	<0.002	<0.002
	7/23/2019	n/a	<0.002	0.00194(J)	0.051	<0.002	<0.001	n/a	3.92	<0.002	<0.002	n/a	<0.005	201	0.428	<0.002	0.192	n/a	<0.002	<0.002	<0.002
	11/25/2019	n/a	<0.002	0.00214	0.0544	<0.002	<0.001	n/a	3.87(B)	).000627(BJ	<0.002	n/a	<0.005	136	0.429	<0.002	0.218	n/a	<0.002	<0.002	<0.002
	5/13/2020	n/a	<0.004	0.0035	0.062	<0.002	<0.001	n/a	4.25	<0.002	<0.002	n/a	<0.005	212	1.31	<0.005	0.207	n/a	<0.002	<0.002	<0.002
	8/3/2020	n/a	n/a	0.00267	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.775	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2020	n/a	<0.004	0.00258	0.062	<0.002	<0.001	n/a	3.69	<0.002	9.45E-05(J)	n/a	<0.005	205	0.644	).000974(BJ	0.231	n/a	<0.002	<0.002	<0.002
	5/12/2021	n/a	<0.004	0.00218	0.053	<0.002	<0.001	n/a	3.7	<0.002	<0.002	n/a	0.00227(J)	204	0.458	<0.002	0.22	n/a	<0.002	<0.002	0.000202(J)
	11/8/2021	n/a	<0.004	0.00304	0.0498	<0.002	<0.001	n/a	3.38	<0.002	<0.002	n/a	<0.005	191	1.1	<0.002	0.204	n/a	<0.002	<0.002	0.000226(J)
	1/11/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.04	n/a	n/a	n/a	n/a	n/a	n/a
	5/10/2022	n/a	<0.004	0.00295(B)	0.0555	<0.002	<0.001	n/a	3.57	<0.002	<0.002	n/a	<0.005	187	0.71	<0.002	0.218	n/a	<0.002	<0.002	0.000185(J)
	11/9/2022	n/a	<0.004	0.00766(R)	0.0785(R)	<0.002	<0.001	n/a	3.18	<0.002	8.95E-05(J)	n/a	<0.005	196	3.16(R)	<0.002	0.232	n/a	<0.002	<0.002	8.16E-05(J)
	2/6/2023	n/a	n/a	0.00463	0.0602	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.52	n/a	0.238	n/a	n/a	n/a	n/a
	5/8/2023	n/a	<0.004	0.00404	0.0573	<0.002	<0.001	n/a	3.27	<0.002	<0.002	n/a	<0.005	218	1.32	<0.002	0.22	n/a	<0.002	<0.002	<0.002
	11/8/2023	n/a	<0.004	0.00336	0.0574	<0.002	<0.001	n/a	3.8	<0.002	<0.002	n/a	<0.005	203	0.696	<0.002	0.244	n/a	<0.002	<0.002	<0.002
	5/21/2024	n/a	<0.004	0.00307	0.0623	<0.002	<0.001	n/a	4.82	<0.002	<0.002	n/a	<0.005	213(B)	0.479	<0.002	0.26	n/a	<0.002	<0.002	0.00051(J)
	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4.06	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.268	n/a	n/a	n/a	n/a
	11/19/2024	n/a	<0.004	0.00506	0.0625	<0.002	<0.001	n/a	3.59	<0.002	<0.002	n/a	0.00117(BJ)	188(B)	1.5	<0.002	0.229	n/a	<0.002	<0.002	<0.002
	1/23/2025	n/a	n/a	0.00466	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/7/2025	n/a	<0.004	0.00974	0.0891	<0.002	<0.001	n/a	3.54	<0.002	<0.002	n/a	<0.005	202(B)	4.63	<0.002	0.249	n/a	<0.002	<0.002	<0.002
	7/29/2025	n/a	n/a	0.00552	0.0719	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2.16	n/a	n/a	n/a	n/a	n/a	n/a
MW-23	downgradient																				
	9/25/2024	n/a	<0.004	0.000606(J)	0.204	<0.002	0.000158(J)	n/a	14.2	<0.002	<0.002	n/a	<0.005	400	2.97	<0.002	0.425	n/a	<0.002	<0.002	<0.002
	11/22/2024	n/a	0.000383(J)	0.00074(J)	0.169	<0.002	<0.001	n/a	11.4	<0.002	<0.002	n/a	0.00112(BJ)	304(B)	3.38	<0.002	0.371	n/a	<0.002	<0.002	<0.002
	3/12/2025	n/a	<0.004	0.000811(J)	0.157	<0.002	<0.001	n/a	8.72	<0.002	<0.002	n/a	<0.005	339	2.83	<0.002	0.337	n/a	<0.002	<0.002	<0.002
	5/6/2025	n/a	<0.004	0.000951(J)	0.166	<0.002	<0.001	n/a	9.96	<0.002	<0.002	n/a	<0.005	347(B)	3.3	<0.002	0.364	n/a	<0.002	<0.002	<0.002
MW-24	downgradient																				
	9/24/2024	n/a	<0.004	0.000503(J)	0.208	<0.002	<0.001	n/a	22.3	<0.002	<0.002	n/a	<0.005	417	4.94	<0.002	0.485	n/a	<0.002	<0.002	<0.002
	11/22/2024	n/a	0.000474(J)	0.00048(J)	0.227	<0.002	<0.001	n/a	33.9	<0.002	0.000101(J)	n/a	0.00173(BJ)	466(B)	5.64	<0.002	0.567	n/a	<0.002	<0.002	<0.002
	3/12/2025	n/a	<0.004	0.000348(J)	0.287	<0.002	<0.001	n/a	47.3	<0.002	<0.002	n/a	0.00195(J)	581	6.8	<0.002	0.756	n/a	<0.002	<0.002	<0.002
	5/6/2025	n/a	<0.004	0.000606(J)	0.192	<0.002	<0.001	n/a	19.5	<0.002	<0.002	n/a	0.000708(J)	409(B)	4.03	<0.002	0.454	n/a	0.000554(J)	<0.002	<0.002
MW-25	downgradient																				
	9/24/2024	n/a	<0.004	0.000925(J)	0.226	<0.002	<0.001	n/a	39	0.00273(B)	0.000122(J)	n/a	<0.005	478	4.23	<0.002	0.576	n/a	<0.002	<0.002	<0.002
	11/25/2024	n/a	0.000384(J)	0.000788(J)	0.232	<0.002	<0.001	n/a	43.1	<0.002	<0.002	n/a	<0.005	477(B)	4.15	<0.002	0.598	n/a	<0.002	<0.002	<0.002
	3/13/2025	n/a	0.000549(J)	0.000675(J)	0.242	<0.002	<0.001	n/a	50.5	0.00247	<0.002	n/a	0.000943(J)	496	4.8	<0.002	0.635	n/a	<0.002	<0.002	<0.002
	5/6/2025	n/a	<0.004	0.000617(J)	0.23	<0.002	<0.001	n/a	33.9	<0.002	<0.002	n/a	<0.005	490(B)	4.79	<0.002	0.602	n/a	<0.002	<0.002	<0.002
MW-26	downgradient																				
	9/24/2024	n/a	<0.004	0.00102(J)	0.163	<0.002	<0.001	n/a	8.27	0.00192(BJ)	0.000106(J)	n/a	0.00314(J)	367	2.58	<0.002	0.646	n/a	<0.002	<0.002	<0.002

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
MW-26	11/21/2024	n/a	<0.004	0.000978(J)	0.156	<0.002	<0.001	n/a	8.7	<0.002	<0.002	n/a	0.00134(BJ)	341(B)	2.48	<0.002	0.628	n/a	<0.002	<0.002	<0.002
(cont.)	3/13/2025	n/a	<0.004	0.00085(J)	0.152	<0.002	<0.001	n/a	7.34	<0.002	<0.002	n/a	<0.005	344	2.42	<0.002	0.609	n/a	<0.002	<0.002	<0.002
	5/15/2025	n/a	<0.004	0.00115(J)	0.143	<0.002	<0.001	n/a	6.92	<0.002	<0.002	n/a	<0.005	332(B)	2.11	0.000657(BJ	0.52	n/a	<0.002	<0.002	<0.002
MW-27R	downgradient																				
	9/25/2024	n/a	<0.004	0.000649(J)	0.171	<0.002	<0.001	n/a	8.88	0.00256(B)	<0.002	n/a	<0.005	374	3.64	<0.002	0.468	n/a	<0.002	<0.002	<0.002
	11/21/2024	n/a	0.000726(J)	0.000693(J)	0.194	<0.002	<0.001	n/a	10.4	<0.002	<0.002	n/a	0.00119(BJ)	390(B)	3.91	<0.002	0.518	n/a	<0.002	<0.002	<0.002
	3/13/2025	n/a	<0.004	0.000658(J)	0.186	<0.002	<0.001	n/a	9.92	<0.002	<0.002	n/a	0.000702(J)	398	4.25	<0.002	0.524	n/a	<0.002	<0.002	<0.002
	5/15/2025	n/a	<0.004	0.000776(J)	0.211	<0.002	<0.001	n/a	10.9	<0.002	0.000151(J)	n/a	0.0117	416(B)	4.57	0.000529(BJ	0.573	n/a	<0.002	<0.002	<0.002
MW-28	downgradient																				
	9/25/2024	n/a	<0.004	0.000867(J)	0.165	<0.002	<0.001	n/a	6.66	0.00293(B)	<0.002	n/a	<0.005	338	2.9	<0.002	0.738	n/a	0.000854(J)	<0.002	<0.002
	11/25/2024	n/a	<0.004	0.000924(J)	0.196	<0.002	<0.001	n/a	7.93	0.001(J)	<0.002	n/a	<0.005	358(B)	3.71	<0.002	1.17	n/a	0.000595(J)	<0.002	<0.002
	3/13/2025	n/a	<0.004	0.000912(J)	0.175	<0.002	<0.001	n/a	7.09	0.00242	0.000334(J)	n/a	<0.005	350	4.46	<0.002	1.02	n/a	0.00191(J)	<0.002	<0.002
	5/16/2025	n/a	0.000355(BJ	0.00121(J)	0.185	<0.002	<0.001	n/a	7.81	0.00193(J)	0.000915(J)	n/a	0.0353	357(B)	6.8	0.00194(BJ)	0.842	n/a	0.00228	<0.002	<0.002
MW-29	downgradient																				
	9/25/2024	n/a	<0.004	0.000911(J)	0.184	<0.002	<0.001	n/a	10.8	0.00294(B)	0.000102(J)	n/a	<0.005	358	2.83	<0.002	0.374	n/a	<0.002	<0.002	<0.002
	11/25/2024	n/a	0.000437(J)	0.000848(J)	0.195	<0.002	<0.001	n/a	11.8	<0.002	<0.002	n/a	<0.005	355(B)	2.85	<0.002	0.395	n/a	<0.002	<0.002	<0.002
	3/13/2025	n/a	<0.004	0.000671(J)	0.245	<0.002	<0.001	n/a	12.4	0.00439	0.000315(J)	n/a	0.00323(J)	409	4.97	0.000713(J)	0.523	n/a	0.00294	<0.002	<0.002
	5/16/2025	n/a	<0.004	0.000522(J)	0.289	<0.002	<0.001	n/a	15.3	<0.002	<0.002	n/a	<0.005	458(B)	4.39	<0.002	0.569	n/a	0.00128(J)	<0.002	<0.002
LEACHATEBLDGA	downgradient																				
	3/6/2013	n/a	0.0011	0.17	10	0.00022	<0.0005	n/a	1800	0.016	0.088	n/a	0.014	4600	180	0.013	4.2	0.00065	0.11	0.018	<0.01
	9/11/2013	n/a	0.0034	0.069	2.4	<0.005	<0.0025	n/a	1900	0.049	0.047	n/a	0.079	5200	7.2	0.0069	0.74	5.5E-05	0.14	0.032	<0.005
	3/5/2014	n/a	0.0013(J)	0.083	3.1	<0.005	<0.0025	n/a	2000	0.043	0.052	n/a	0.0043(J)	82	14	0.0038(J)	0.92	n/a	0.15	0.022	<0.005
	10/9/2014	n/a	0.0018	0.069	2.9	<0.001	<0.0005	n/a	2200	0.041	0.056	n/a	0.0013(J)	5900(B)	7.3	<0.001	0.78	n/a	0.15	0.0028	<0.001
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/16/2015	n/a	0.0098(J)	0.067	2.1	<0.018	<0.009	n/a	1500	0.036	0.098	n/a	0.013(J)	4500	43	0.0072(J)	5.7	n/a	0.18	<0.018	<0.018
	10/16/2015	n/a	0.00278(J)	0.0775	2.58	<0.018	<0.009	n/a	2160	0.0462	0.0641	n/a	0.00596(J)	5500	12.3	<0.018	0.701	n/a	0.167	<0.018	<0.018
	4/13/2016	n/a	0.00276(J)	0.0653	2.59	<0.018	<0.009	n/a	1990	0.0372	0.0565	n/a	<0.045	5060	5.72	<0.018	0.758	n/a	0.14	<0.018	<0.018
	12/22/2016	n/a	<0.018	0.064	3.26	0.00163(J)	<0.009	n/a	2640	0.0877	0.0762	n/a	0.0331(BJ)	5500	30.5	0.0227	0.865	n/a	0.196	0.00449(J)	<0.018
	6/15/2017	n/a	0.0252	0.0464	1.82	<0.002	<0.001	n/a	1490	0.036	0.0567	n/a	0.00167(J)	5240	5.81	0.0003(J)	0.614	n/a	0.144	0.00201	<0.002
	12/1/2017	n/a	0.0068	0.0702	2.67	<0.002	<0.001	n/a	2280	0.0569	0.0673	n/a	0.0436	5620	5.62	0.000391(J)	0.679	n/a	0.166	0.00302	<0.002
	5/25/2018	n/a	0.0327	0.094	3.1	0.000779(J)	<0.001	n/a	2470	0.067	0.0711	n/a	0.0295	5960	22.9	0.0114	0.779	0.000492(J)	0.187	0.00289	<0.002
	11/14/2018	n/a	0.0191	0.0793	2.46	<0.002	<0.001	n/a	2380	0.0583	0.0586	n/a	0.0134(B)	5220	5.34	0.000444(J)	0.515	n/a	0.159	0.00311	<0.002
	5/8/2019	n/a	0.0191(J)	0.076	2.6	<0.02	<0.01	n/a	2500	0.0478	0.0544	n/a	0.0175(BJ)	13000	6.59	<0.02	0.539	n/a	0.153	<0.02	<0.02
	11/26/2019	n/a	0.00999(J)	0.088	2.65	<0.002	<0.002	n/a	2640	0.0572	0.0618	n/a	<0.01	5980	6.9	<0.005	0.602	<0.0002	0.173	<0.01	<0.005
	5/15/2020	n/a	0.0415	0.146	2.48	<0.002	<0.001	n/a	2660	0.0567	0.0601	n/a	0.00649	6340	15.2	0.00501	0.586	n/a	0.168	0.00248	<0.002
	11/11/2020	n/a	0.0224(J)	0.133	3.43	<0.018	<0.009	n/a	2520	0.0614	0.0659	n/a	<0.045	6040	21.4	<0.045	0.999	n/a	0.187	<0.018	<0.018
	5/14/2021	n/a	0.0143	0.0607	1.38	0.000746(J)	<0.001	n/a	1550	0.0362	0.0312	n/a	0.0232	3430	14	0.00779	0.401	n/a	0.0904	0.00166(J)	<0.002
	11/10/2021	n/a	0.024(J)	0.114	2.42	<0.02	<0.01	n/a	1910	0.0363	0.0469	n/a	<0.05	5720	10.8	<0.02	0.728	n/a	0.144	<0.02	<0.02
	5/11/2022	n/a	0.0195	0.117	2.94	0.0107	0.00173	n/a	1300	0.139	0.0816	n/a	0.129	3750	169	0.112	0.884	n/a	0.201	0.00522	0.000334(J)
	11/10/2022	n/a	0.0095(J)	0.0632	1.4	<0.01	<0.005	n/a	1610	0.0309	0.0331	n/a	0.0534	3670	1.64	<0.01	0.406	n/a	0.0936	<0.01	<0.01
	5/9/2023	n/a	0.0154	0.0855	1.94	0.00104(J)	<0.001	n/a	1640	0.05	0.0448	n/a	0.0218	4590	25.2	0.0105	0.613	n/a	0.111	0.00226	<0.002
	11/10/2023	n/a	0.0254	0.161	2.67	0.00158(J)	<0.005	n/a	2310	0.0321	0.0504	n/a	0.0294	5300	30.6	0.0112	0.627	n/a	0.149	0.00195(J)	<0.01
	5/23/2024	n/a	0.0505	0.407	3.9	0.00417	0.000465(J)	n/a	2100	0.107	0.115	n/a	0.0643	4200	136	0.0426	1.69	n/a	0.299	0.00837	0.000148(J)
	11/25/2024	n/a	0.0368	0.197	2.78	<0.018	<0.009	n/a	222	0.0409	0.0674	n/a	0.0211(J)	5640	32.6	0.0111(J)	0.833	n/a	0.197	0.00316(J)	<0.018
	5/16/2025	n/a	0.0262(J)	0.119	2.51	<0.018	<0.009	n/a	2090	0.0628	0.0587	n/a	0.011(J)	5460	22.9	0.00554(J)	0.635	n/a	0.162	0.00346(J)	<0.018
LEACHATEBLDGB	downgradient																				
	3/6/2013	n/a	0.00023	0.025	0.86	0.00065	<0.0005	n/a	410	0.002	0.018	n/a	0.14	1100	58	0.011	2.9	<0.0002	0.038	0.0045	<0.01
	3/5/2014	n/a	0.00047(J)	0.0084	0.48	<0.001	<0.0005	n/a	440	0.0027	0.0059	n/a	0.0018(J)	12000	4.3	0.00071(J)	2.3	n/a	0.036	0.0047	0.0027
	10/9/2014	n/a	0.0004(J)	0.011	0.57	<0.001	<0.0005	n/a	510	0.0036	0.0096	n/a	0.034	1500(B)	8.8	0.00043(J)	1.7	n/a	0.044	0.00087(J)	<0.001
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ammonia as N (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	COD (mg/L)	Copper (mg/L)	Dissolved solids (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)
LEACHATEBLDGB	4/16/2015	n/a	0.00089(J)	0.0056	0.81	<0.002	<0.001	n/a	510	0.0034	0.01	n/a	0.037	1400	25	0.024	2	n/a	0.047	<0.002	<0.002
(cont.)	10/16/2015	n/a	0.000498(J)	0.00789	0.599	<0.002	<0.001	n/a	523	0.0035	0.00987	n/a	0.018	1440	10.2	0.00914	1.28	n/a	0.045	0.000444(J)	<0.002
	4/13/2016	n/a	0.000694(J)	0.00943	0.568	<0.002	<0.001	n/a	467	0.00392	0.00789	n/a	0.0475	1460	10.4	0.00262	1.72	n/a	0.044	0.000388(J)	<0.002
	12/22/2016	n/a	0.00107(J)	0.0296	0.611	<0.002	0.000163(J)	n/a	511	0.00512	0.00862	n/a	0.472	1620	18.6	0.0125	1.35	n/a	0.0483	0.000666(J)	0.000348(J)
	6/15/2017	n/a	0.000892(J)	0.00622	0.536	<0.002	<0.001	n/a	424	0.00347	0.00721	n/a	0.00268(J)	1380	5.12	0.000914(J)	1.59	n/a	0.0457	0.000438(J)	<0.002
	12/1/2017	n/a	<0.002	0.0284	1.7	0.000123(J)	<0.001	n/a	510	0.00711	0.00857	n/a	1.74	1400	127	0.0168	1.95	n/a	0.0502	0.000449(J)	<0.002
	5/25/2018	n/a	n/a	0.00993	1.06	<0.002	<0.001	n/a	367	0.00289	0.00703	n/a	n/a	1320	50.1	n/a	1.73	n/a	0.0447	n/a	<0.002
	11/14/2018	n/a	0.000909(J)	0.0139	0.578	<0.002	<0.001	n/a	571	0.00973	0.0156	n/a	0.066(B)	1750	18.4	0.00813	1.03	n/a	0.0516	0.000437(J)	<0.002
	11/26/2019	n/a	<0.002	0.00838	0.391	<0.002	<0.001	n/a	431	0.00448(B)	0.0106	n/a	0.04	1380	4.37	0.00119(J)	1.12	n/a	0.0446	0.000591(J)	<0.002
	5/15/2020	n/a	<0.004	0.0128	0.842	<0.002	<0.001	n/a	482	0.00452	0.0121	n/a	0.0572	1540	33.7	0.00411(J)	1.25	n/a	0.0441	<0.002	<0.002
	11/11/2020	n/a	<0.004	0.0139	0.418	<0.002	<0.001	n/a	236	0.00345	0.00803	n/a	0.0954	800	15.6	0.00468(BJ)	0.936	n/a	0.0277	0.000343(J)	<0.002
	5/14/2021	n/a	<0.004	0.00403	0.389	<0.002	<0.001	n/a	407	0.00283	0.00919	n/a	0.016	1110	3.36	<0.002	1.13	n/a	0.0378	<0.002	<0.002
	11/10/2021	n/a	0.00142(J)	0.0151	0.381	<0.002	<0.001	n/a	387	0.00207	0.00665	n/a	0.0128	1110	6.33	<0.002	0.79	n/a	0.0307	<0.002	<0.002
	5/11/2022	n/a	<0.004	0.0165	0.573	<0.002	<0.001	n/a	472	0.00537	0.018	n/a	0.0514	1400	12.4	0.0034	1.23	n/a	0.0517	0.000431(J)	<0.002
	11/10/2022	n/a	<0.004	0.0125	0.508	<0.002	<0.001	n/a	406	0.00332	0.0126	n/a	0.0156	1260	5.31	<0.002	0.97	n/a	0.0414	0.000323(J)	<0.002
	5/9/2023	n/a	<0.004	0.0146	1.29	0.0113	0.000264(J)	n/a	573	0.0816	0.0421	n/a	0.472	1900	44.3	0.122	1.51	n/a	0.109	0.00374	0.000123(J)
	11/10/2023	n/a	<0.004	0.0137	0.473	<0.002	<0.001	n/a	508	0.0048	0.0152	n/a	0.0846	1770	5.75	0.00591	0.636	n/a	0.0508	0.000459(J)	<0.002
	5/23/2024	n/a	0.00127(J)	0.0669	1.15	<0.002	<0.001	n/a	465	0.00377	0.0118	n/a	0.0404	1620	36.8	0.0333	0.824	n/a	0.0385	0.000549(J)	<0.002
	11/25/2024	n/a	0.00174(J)	0.0168	0.719	<0.002	<0.001	n/a	708	0.0183	0.0185	n/a	0.0709	2150	4.58	0.00189(J)	0.313	n/a	0.0798	0.000507(J)	<0.002
	5/16/2025	n/a	0.00193(BJ)	0.0114	0.384	<0.002	<0.001	n/a	138	0.00278	0.00557	n/a	0.105	496	3.53	0.0055(B)	0.254	n/a	0.0135	<0.002	<0.002
LEACHATEBLDGC	downgradient																				
	9/11/2013	n/a	0.00051	0.0067	0.33	<0.001	<0.0005	n/a	470	0.0046	0.0014	n/a	0.0023	1300	3.7	0.00038	1.3	<0.0002	0.014	0.0073	<0.001
	3/5/2014	n/a	0.00054(J)	0.016	0.39	<0.001	<0.0005	n/a	520	0.004	0.0034	n/a	0.00053(J)	1600	26	0.001	2.2	n/a	0.02	0.0072	<0.001
	10/9/2014	n/a	0.0022	0.0044	0.59	<0.001	<0.0005	n/a	670	0.0024	0.0038	n/a	<0.002	2300(B)	2.1	<0.001	2	n/a	0.047	0.0012	<0.001
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/16/2015	n/a	0.0012(J)	0.005	0.49	<0.002	<0.001	n/a	620	0.002(J)	0.0029	n/a	0.00087(J)	2000	25	<0.002	3	n/a	0.04	0.00049(J)	<0.002
	10/16/2015	n/a	0.000744(J)	0.00503	0.481	<0.002	<0.001	n/a	691	0.00184(J)	0.00226	n/a	0.00166(J)	2060	14.2	<0.002	2.21	n/a	0.0479	0.000643(J)	<0.002
	4/13/2016	n/a	0.000588(J)	0.00348	0.445	<0.002	<0.001	n/a	682	0.00183(J)	0.00241	n/a	0.000731(J)	2240	8.4	<0.002	2.55	n/a	0.0434	0.000603(J)	<0.002
	12/22/2016	n/a	0.001(J)	0.0142	1.66	<0.002	<0.001	n/a	788	0.00415	0.00407	n/a	0.00922	2390	116	0.000386(J)	3.01	n/a	0.0563	0.000959(J)	<0.002
	6/15/2017	n/a	<0.002	0.00346	0.555	<0.002	<0.001	n/a	538	0.00147(J)	0.00276	n/a	0.00054(J)	2830	10.4	<0.002	2.7	n/a	0.0576	0.000727(J)	<0.002
	12/1/2017	n/a	<0.002	0.00673	3.72	<0.002	<0.001	n/a	864	0.00198(BJ)	0.00328	n/a	0.0239	2370	20.1	0.000562(J)	2.48	n/a	0.0627	0.00082(J)	<0.002
	5/25/2018	n/a	<0.002	0.00462	0.572	<0.002	<0.001	n/a	743	0.00174(J)	0.00335	n/a	0.00384(BJ)	1990	11.7	0.000271(BJ	2.6	n/a	0.0716	0.00102(J)	<0.002
	11/14/2018	n/a	<0.002	0.00425	0.654	<0.002	<0.001	n/a	932	0.00327	0.00376	n/a	<0.005	2180	13.9	0.00033(J)	2.5	n/a	0.0786	0.000904(J)	<0.002
	5/8/2019	n/a	0.00974(J)	0.041	0.353	<0.01	<0.005	n/a	455	0.0704	0.168	n/a	0.0125(BJ)	6410	178	0.00923(J)	12	n/a	0.17	<0.01	<0.01
	11/26/2019	n/a	0.00178(J)	0.0187	1.05	0.000572(J)	0.00107	n/a	952	0.0221	0.0221	n/a	0.0188	3190	52.8	0.0108	3.04	n/a	0.109	0.00177(J)	<0.002
	5/15/2020	n/a	0.00552	0.0139	1.02	<0.002	<0.001	n/a	887	0.0229	0.0114	n/a	0.00462(J)	3630	26.5	<0.005	4.37	n/a	0.0805	0.00138(J)	<0.002
	11/11/2020	n/a	<0.036	0.0157(J)	1.33	<0.018	<0.009	n/a	956	0.0333	0.0199(B)	n/a	0.0141(J)	3770	54.7	<0.045	6.75	n/a	0.117	<0.018	<0.018
	5/14/2021	n/a	0.00272(J)	0.0128	1.45	<0.002	<0.001	n/a	1100	0.0205	0.0166	n/a	0.00425(BJ)	3230	40.8	<0.002	4.95	n/a	0.101	0.00111(J)	<0.002
	11/10/2021	n/a	<0.04	0.0139(J)	1.59	<0.02	<0.01	n/a	1080	0.0204	0.0171(J)	n/a	<0.05	4080	32.6	<0.02	3.96	n/a	0.11	<0.02	<0.02
	5/11/2022	n/a	0.00363(J)	0.0382	1.5	<0.002	<0.001	n/a	1430	0.0385	0.022	n/a	0.00282(J)	3300	10.7	0.00108(J)	2.57	n/a	0.127	0.00196(J)	<0.002
	11/10/2022	n/a	<0.02	0.0513	1.28	<0.01	<0.005	n/a	1610	0.0569	0.0282	n/a	<0.025	5260	3.62	<0.01	1.69	n/a	0.145	0.00157(J)	<0.01
	5/9/2023	n/a	0.00322(J)	0.0399	1.44	<0.002	<0.001	n/a	1640	0.0597	0.0285	n/a	0.0117	5100	5.02	0.00165(J)	1.36	n/a	0.146	0.00232	<0.002
	11/10/2023	n/a	<0.02	0.0387	1.24	<0.01	<0.005	n/a	1910	0.0475	0.0242	n/a	0.0117(J)	3290	25.6	<0.01	4.72	n/a	0.111	0.00162(J)	<0.01
	5/23/2024	n/a	0.00354(J)	0.0288	1.19	<0.002	0.000158(J)	n/a	737	0.0396	0.0357	n/a	0.00429(J)	3640	28.4	0.00554	8.07	n/a	0.0722	0.00213	<0.002
	11/25/2024	n/a	0.00452(J)	0.0427	1.66	<0.018	<0.009	n/a	1400	0.0408	0.027	n/a	<0.045	4840	25.2	<0.018	3.18	n/a	0.159	<0.018	<0.018
	5/16/2025	n/a	0.00281(J)	0.0559	1.8	<0.018	<0.009	n/a	1640	0.0502	0.0298	n/a	<0.045	5820	16.5	<0.018	2.09	n/a	0.142	<0.018	<0.002

B: analyte was detected in associated blank sample.
J: analyte was detected below the RDL; is an estimate.
O: value is a statistical outlier; not used in statistics.
R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-6	downgradient																				
	3/16/1995	142	53	20.2	<0.002	n/a	<0.4	<0.05	550	n/a	6.79	115	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	5/23/1995	17.9	48.4	24.7	<0.002	n/a	<0.4	0.061	550	n/a	6.73	212	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	6/29/1995	19.7	45.3	20.2	<0.002	n/a	<0.4	0.015	550	n/a	7.02	42.3	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	7/25/1995	18.8	44.8	24.5	<0.002	n/a	<0.4	<0.01	590	n/a	6.55	82.9	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/8/1996	21.2	43	17	<0.002	n/a	<0.4	<0.01	550	n/a	6.51	157	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	8/6/1996	13.8	56.2	23.7	0.014	n/a	<0.4	0.041	610	n/a	6.85	52.9	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/26/1997	16.1	61	14.7	<0.002	n/a	<0.1	0.07	620	n/a	6.39	22	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	9/10/1997	14.2	86.1	16.7	<0.002	n/a	<0.1	0.098	700	n/a	6.5	844	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
MW-6R	downgradient																				
	9/23/1998	13.5	36	18.2	<0.001	n/a	<0.4	<0.03	600	n/a	7.05	1.91	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/16/1999	15.2	41.8	19	<0.001	n/a	<0.4	<0.03	580	n/a	6.86	1.4	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/29/1999	14.2	43.4	19.2	<0.001	n/a	<0.4	<0.03	608	n/a	7.1	0.54	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/14/2000	14.1	39.1	17.3	<0.001	n/a	<0.4	<0.03	676	n/a	7.05	1.16	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/20/2000	17.2	40.9	18.4	<0.001	n/a	<0.4	<0.03	709	n/a	6.84	<1	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/21/2001	14.07	47.1	19	<0.001	n/a	<0.4	<0.03	655	n/a	6.95	0.5	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/26/2001	13.9	333(O)	19.9	<0.001	n/a	<0.4	<0.03	1147	n/a	6.65	0.79	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/27/2002	14.4	59	16.2	<0.001	n/a	<0.4	<0.03	678	n/a	6.86	1.13	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/25/2002	16.8	151	19.3	<0.001	n/a	<0.4	<0.03	850	n/a	6.68	0.59	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	4/1/2003	16.9	69.5	17.8	<0.001	n/a	<0.4	<0.03	687	n/a	6.9	0.39	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/17/2003	16.2	114	25.2	<0.001	n/a	<0.4	<0.03	697	n/a	6.95	1.07	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/24/2004	18.1	51.2	18.1	<0.001	n/a	<0.4	<0.03	663	n/a	6.73	0.53	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/14/2004	n/a	104	20.7	<0.001	<1	<0.4	<0.03	794	n/a	6.81	0.38	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	3/9/2005	n/a	62.6	12.7	<0.001	1.31	<0.4	<0.03	730	n/a	6.9	0.56	<5	<5	<0.5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	9/28/2005	n/a	81.2	19.7	<0.001	<1	<0.002	<0.01	708	n/a	6.67	0.21	<5	<5	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/15/2006	n/a	81.2	16.4	<0.001	<1	<0.002	<0.01	690	n/a	6.79	0.35	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/20/2006	n/a	87.9	18.1	<0.01	<0.5	<0.002	<0.01	742	n/a	6.69	0.32	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/6/2007	n/a	73.6	15	<0.001	1.45	<0.002	<0.01	655	n/a	7	0.57	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/19/2007	n/a	130	20.5	<0.00174	<1	<0.01	<0.0025	794	n/a	6.8	0.85	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	4/1/2008	n/a	82.4	17.8	<0.00075	<1	<0.05	<0.025	702	n/a	6.91	1.25	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/18/2008	n/a	92.4	23.9	<0.0002	1.68	<0.02	<0.01	543	n/a	7	2.41	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/17/2009	n/a	72.1	18.4	<0.0002	<1	<0.02	<0.01	745	n/a	7.33	38.5	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	10/7/2009	n/a	132	19.6	<0.0002	1	<0.02	0.0145	808	n/a	6.5	3.55	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/16/2010	n/a	73.1	18.2	<0.0005	<1	<0.005	<0.005	764	n/a	6.73	2.08	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/28/2010	n/a	96.8	21.4	<0.0005	<1	<0.001	<0.005	138.3	n/a	7.21	1.75	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/13/2012	n/a	88	20.1	<0.001	<1	<0.01	0.0044	814	n/a	6.72	1.56	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/26/2012	n/a	87	19.2	<0.001	0.4	<0.01	<0.01	818	n/a	6.76	1.71	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/5/2014	n/a	74	3.6	<0.001	0.57	<0.002	0.0054	648	n/a	6.8	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	6/9/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.8	3.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
MW-8	downgradient																				
	3/16/1995	40.9	66.1	18.2	<0.002	n/a	<0.4	<0.05	590	n/a	7.11	2.3	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	5/23/1995	23.1	114	20.3	<0.002	n/a	<0.4	<0.05	580	n/a	6.88	2.4	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	6/29/1995	21.3	65.6	21.6	<0.002	n/a	<0.4	<0.01	570	n/a	7.22	4.4	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	7/25/1995	50.4	69.9	21.3	<0.002	n/a	<0.4	<0.01	620	n/a	6.81	2.8	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/8/1996	52.2	61.6	15.7	<0.002	n/a	<0.4	<0.01	550	n/a	6.88	1.2	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	8/6/1996	14.9	50.7	20.5	0.004	n/a	<0.4	<0.01	575	n/a	7	6.4	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/26/1997	16.7	68	15.1	<0.002	n/a	<0.1	0.06	580	n/a	6.64	23.1	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	9/10/1997	15.4	54	16.4	<0.002	n/a	<0.1	0.013	650	n/a	6.79	3.6	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	4/9/1998	13.5	43.8	12.7	<0.001	n/a	<0.4	<0.03	510	n/a	6.42	1.6	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/23/1998	11.7	46	16.7	<0.001	n/a	<0.4	<0.03	690	n/a	6.86	2.3	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-8	3/16/1999	13.9	41.4	18.8	<0.001	n/a	<0.4	<0.03	580	n/a	6.63	2.3	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
(cont.)	9/29/1999	14	43.9	19.3	<0.001	n/a	<0.4	<0.03	593	n/a	7.16	0.3	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/14/2000	13.4	41	17.3	<0.001	n/a	<0.4	<0.03	646	n/a	7.07	0.1	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/20/2000	17	40.3	18.5	<0.001	n/a	<0.4	<0.03	614	n/a	6.89	<1	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/21/2001	13.3	48.3	18.6	<0.001	n/a	<0.4	<0.03	577	n/a	7.06	0.2	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/26/2001	13.1	39.9	19.2	<0.001	n/a	<0.4	<0.03	557	n/a	7.02	0.2	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	2.2
	3/27/2002	13.4	43.4	16.1	<0.001	n/a	<0.4	<0.03	564	n/a	7.05	0.6	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/25/2002	14.3	42.1	18.1	<0.001	n/a	<0.4	<0.03	555	n/a	6.92	0.2	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	4/1/2003	14.2	45.2	18.3	<0.001	n/a	<0.4	<0.03	572	n/a	7.1	0.3	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/17/2003	13.5	47.2	21.5	<0.001	n/a	<0.4	<0.03	617	n/a	7.21	1.7	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/24/2004	14.4	38.4	18.6	<0.001	n/a	<0.4	<0.03	598	n/a	6.92	0.3	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/14/2004	n/a	36.7	22.4	<0.001	<1	<0.4	<0.03	577	n/a	6.95	0.9	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	3/9/2005	n/a	42.5	12	<0.001	2.1	<0.4	<0.03	604	n/a	7.02	0.3	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	9/28/2005	355	<0.002(R)	n/a	<0.01	n/a	<5	<5	0.25	n/a	22.2(R)	n/a	<0.5	<0.5	<0.5	<0.2	<0.1	<0.5	<1	<0.26	<0.25
	3/15/2006	n/a	49.7	16.5	<0.001	<1	<0.002	<0.01	567	n/a	7.08	0.2	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/20/2006	n/a	65.5	18.1	<0.01	<0.5	<0.002	<0.01	567	n/a	6.82	0.3	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/6/2007	n/a	46.3	15.8	<0.001	1.64	<0.002	<0.01	556	n/a	7.15	0.3	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/19/2007	n/a	60.9	23	<0.00174	<1	<0.01	<0.0025	585	n/a	7.13	0.8	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	4/1/2008	n/a	44.8	18.3	<0.00075	<1	<0.05	<0.025	580	n/a	7.16	0.5	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/18/2008	n/a	34.8	24.8	<0.0002	1.39	<0.02	<0.01	435	n/a	7.31	0.9	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/17/2009	n/a	80.6	19.6	<0.0002	<1	<0.02	<0.01	696	n/a	7.41	63.1	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	10/7/2009	n/a	48	21.3	<0.0002	1.01	<0.02	0.0145	625	n/a	6.84	3.4	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/16/2010	n/a	37.5	19.6	<0.0005	<1	<0.0005	<0.005	591	n/a	7.13	6	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/28/2010	n/a	39.8	22.6	<0.0005	<1	<0.001	<0.005	128.5	n/a	7.3	7.5	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/26/2012	n/a	34	22	<0.001	2.6	<0.01	0.0033	584	n/a	7.21	27.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/5/2014	n/a	41	6.8	<0.001	0.47(J)	0.00034(J)	0.0082(J)	525	n/a	7	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/16/2015	n/a	25.2	22.8	<0.002	1.07	0.000469(J)	0.0215(J)	540	n/a	7	4.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	6/15/2017	n/a	24.1	27.9	<0.002	0.64(J)	0.000204(J)	0.0157(J)	521	-5.1	7	3.2	<50	<10	<1	<1	<1	<1	<5	<15	0.278(J)
MW-9	downgradient																				
	3/16/1995	217	18.7	19.4	<0.002	n/a	<0.4	<0.05	490	n/a	7.2	1.84	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	5/23/1995	19.4	20.6	20.5	<0.002	n/a	<0.4	<0.05	470	n/a	7.05	1.64	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	6/29/1995	20.7	22.5	23.7	0.008	n/a	<0.4	<0.01	485	n/a	7.45	2.2	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	7/25/1995	20.9	21.2	23	<0.002	n/a	<0.4	<0.01	485	n/a	6.87	2.12	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/8/1996	17.1	22.6	16.1	<0.002	n/a	<0.4	<0.01	450	n/a	6.87	2.02	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	8/6/1996	17.5	25.4	22.3	0.005	n/a	<0.4	<0.01	500	n/a	7.17	9.47	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/26/1997	17.9	31	16.5	<0.002	n/a	<0.1	0.03	485	n/a	6.75	3.56	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	9/10/1997	16.3	17.3	15	<0.002	n/a	<0.1	<0.01	550	n/a	7.04	2.18	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	4/9/1998	15.1	27.1	12.9	<0.001	n/a	<0.4	<0.03	510	n/a	7.01	1.88	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/23/1998	13.2	16	17.2	<0.001	n/a	<0.4	<0.03	495	n/a	7.03	1.7	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/16/1999	14.9	23.4	20	<0.001	n/a	<0.4	<0.03	495	n/a	6.64	<1	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/29/1999	13.8	17.2	19.3	<0.001	n/a	<0.4	<0.03	472	n/a	7.27	0.32	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/14/2000	13.1	18.8	19.6	<0.001	n/a	<0.4	<0.03	579	n/a	7.25	0.22	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/20/2000	19.4	23.6	18.5	<0.001	n/a	<0.4	<0.03	593	n/a	6.99	<1	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/21/2001	16.77	21	17.9	<0.001	n/a	<0.4	<0.03	590	n/a	7.12	0.38	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/26/2001	14.8	21.5	19.8	<0.001	n/a	<0.4	<0.03	555	n/a	7.02	0.49	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/27/2002	16.6	22.4	17.3	<0.001	n/a	<0.4	<0.03	661	n/a	6.98	0.32	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/25/2002	18.3	23.6	19.3	<0.001	n/a	<0.4	<0.03	610	n/a	6.9	0.39	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	4/1/2003	16	26.2	20.3	<0.001	n/a	<0.4	<0.03	628	n/a	7.01	0.34	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/17/2003	15.3	26.2	21.7	<0.001	n/a	<0.4	<0.03	597	n/a	7.16	0.89	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/24/2004	15.5	34.1	20.1	<0.001	n/a	<0.4	<0.03	628	n/a	6.92	0.25	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-9	9/14/2004	n/a	22.4	23.4	<0.001	<1	<0.4	<0.03	558	n/a	6.9	0.32	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
(cont.)	3/9/2005	n/a	22	12.5	<0.001	1.58	<0.4	<0.03	575	n/a	7.02	0.16	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	9/28/2005	n/a	22.3	23.7	<0.001	1.25	<0.002	<0.01	600	n/a	6.95	0.28	<5	<5	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/15/2006	n/a	24.1	18.3	<0.001	<1	<0.002	<0.01	662	n/a	6.98	0.16	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/20/2006	n/a	32.9	22.7	<0.01	<0.5	<0.002	<0.01	595	n/a	6.9	0.29	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/6/2007	n/a	14.2	18.6	<0.001	<1	<0.002	<0.01	468	n/a	7.15	0.24	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/19/2007	n/a	21.8	23.8	<0.00174	<1	<0.01	<0.0025	632	n/a	7.02	0.59	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	4/1/2008	n/a	10.9	22	<0.00075	<1	<0.05	<0.025	425	n/a	7.26	1.48	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/18/2008	n/a	12.2	25.2	<0.0002	1.53	<0.02	<0.01	383	n/a	7.19	0.74	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/17/2009	n/a	20.6	18.4	<0.0002	<1	<0.02	<0.01	521	n/a	7.24	31	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	10/7/2009	n/a	18.3	21.5	<0.0002	<1	<0.02	0.013	493	n/a	6.79	2.31	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/16/2010	n/a	15.1	20.2	<0.0005	<1	<0.0005	<0.005	495	n/a	7.13	0.63	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
MW-9R	downgradient																				
	9/28/2010	n/a	36.7	21.4	<0.0005	<1	<0.001	<0.005	129.5	n/a	6.88	1.97	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	12/30/2010	n/a	13	18.3	<0.0005	<1	<0.05	<0.025	525	n/a	7	4.98	<10	<2	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	n/a	45	16.4	<0.001	<1	<0.01	<0.01	599	n/a	7.51	5.02	<50	<10	<1	<1	<1	<1	<5	<15	<1
	6/3/2011	n/a	74	23.2	<0.001	64(O)	<0.01	<0.01	664	n/a	6.65	6.18	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/13/2011	n/a	28	23.1	<0.001	<1	<0.01	<0.01	495	n/a	6.96	5.01	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/13/2012	n/a	14	20.14	<0.001	0.84	0.0025	0.0092	543	n/a	6.58	9.89	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/26/2012	n/a	16	23.4	<0.001	0.55	0.0024	0.0086	522	n/a	6.7	16.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/6/2013	n/a	0.65(BJ)	10.1	0.00019(J)	3.9	0.016(J)	0.027	500	n/a	6.3	307	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/12/2013	n/a	46	32.9	<0.001	2	0.0041	0.066(BR)	663	n/a	6.6	59	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/5/2014	n/a	20	1.6	<0.001	0.71(J)	0.00056(J)	0.0056(J)	471	n/a	6.8	10	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/9/2014	n/a	52	23.1	<0.001	0.53(J)	0.00032(J)	0.014	529	n/a	6.9	9.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/22/2015	n/a	13	21.7	<0.002	0.33(J)	0.0011(J)	0.0096(J)	600.5	n/a	6.9	9.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/12/2015	n/a	15.1	20.1	<0.002	0.63(J)	0.000696(J)	0.0938	496	n/a	6.8	9.26	<50	<10	<1	<1	<1	<1	<5	<15	<1
MW-9R2	downgradient																				
	9/28/2010	n/a	36.7	n/a	<0.0005	<1	<0.001	<0.005	n/a	n/a	6.88	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/30/2010	n/a	13	n/a	<0.0005	<1	<0.05	<0.025	n/a	n/a	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/9/2011	n/a	45	n/a	<0.001	<1	<0.01	<0.01	n/a	n/a	7.51	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/3/2011	n/a	74	n/a	<0.001	64(O)	<0.01	<0.01	n/a	n/a	6.65	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/13/2011	n/a	28	n/a	<0.001	<1	<0.01	<0.01	n/a	n/a	6.96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/13/2012	n/a	14	n/a	<0.001	0.84	0.0025	0.0092	n/a	n/a	6.58	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/26/2012	n/a	16	n/a	<0.001	0.55	0.0024	0.0086	n/a	n/a	6.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2013	n/a	0.65(BJ)	n/a	0.00019(J)	3.9	0.016(J)	0.027	n/a	n/a	6.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/12/2013	n/a	46	n/a	<0.001	2	0.0041	0.066(BR)	n/a	n/a	6.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/5/2014	n/a	20	n/a	<0.001	0.71(J)	0.00056(J)	0.0056(J)	n/a	n/a	6.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	10/9/2014	n/a	52	n/a	<0.001	0.53(J)	0.00032(J)	0.014	n/a	n/a	6.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/22/2015	n/a	13	n/a	<0.002	0.33(J)	0.0011(J)	0.0096(J)	n/a	n/a	6.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/12/2015	n/a	15.1	n/a	<0.002	0.63(J)	0.000696(J)	0.0938	n/a	n/a	6.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/29/2017	n/a	14.7	19.1	<0.002	1.28	0.000264(J)	<0.025	394	-88.5	7.7	2.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/25/2018	n/a	21.6	22.9	<0.002	0.861(BJ)	0.000208(J)	<0.025	370	-86.9	7.2	1	<50	<10	<1	<1	<1	<1	<5	<15	0.428(J)
	11/13/2018	n/a	17.2	11.8	<0.002	0.649(J)	<0.005	<0.025	351	-31	6.9	0.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/7/2019	n/a	20.2	22.4	<0.002	0.982(BJ)	0.000223(J)	0.00655(J)	340	-21	7.1	1.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/26/2019	n/a	13.2	15.6	<0.002	0.864(BJ)	0.00054(BJ)	<0.025	318	-62	7.3	2.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/15/2020	n/a	20.2	20.3	<0.002	1.04(B)	<0.005	<0.025	326	-15.1	7.1	4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/11/2020	n/a	10.9	18.6	<0.002	0.954(J)	<0.005	<0.025	290	-90.7	7.3	1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/13/2021	n/a	14.7	20.6	<0.002	1.12(B)	<0.005	<0.025	291	-84.2	7.2	4.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2021	n/a	12.5	19.5	<0.002	0.653(BJ)	<0.005	0.00318(J)	359	-9.1	7.1	1.2	<50	<10	<1	<1	<1	<1	<5	<10	0.114(J)
	5/11/2022	n/a	13.9	22.5	<0.002	0.793(BJ)	<0.005	<0.025	409	35.1	6.9	1.9	<50	<10	<1	<1	<1	<1	<5	<10	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-9R2	11/10/2022	n/a	14.7	19.9	<0.002	0.786(BJ)	<0.005	<0.025	380	-45	7	1.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
(cont.)	5/9/2023	n/a	11.8	22.2	<0.002	0.941(BJ)	<0.005	<0.025	361	58.4	7.2	1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2023	n/a	9.94	19	<0.002	1.51(B)	<0.005	0.00808(J)	302	-29.7	7.1	1.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/22/2024	n/a	10.5	20.4	<0.002	1.29(B)	<0.005	<0.025	350	n/a	6.5	0	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/21/2024	n/a	9.31	18.6	<0.002	1.18	<0.005	0.0118(J)	302	n/a	7	1.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/15/2025	n/a	9.19	22.2	<0.002	0.913(J)	<0.005	0.0153(BJ)	342	n/a	7.2	1	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-14	downgradient																				
	3/16/1995	104	69.7	17.1	<0.002	n/a	<0.4	<0.05	780	n/a	6.98	31	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	5/23/1995	26	79.1	18.6	<0.002	n/a	<0.4	<0.05	710	n/a	6.75	14.2	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	6/29/1995	23.3	83.1	18.8	<0.002	n/a	<0.4	<0.01	720	n/a	7.03	17	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	7/25/1995	29.2	78.3	20.7	<0.002	n/a	<0.4	<0.01	750	n/a	6.81	13.4	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/8/1996	27.4	94.6	16.5	<0.002	n/a	<0.4	<0.01	750	n/a	6.79	20.4	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	8/6/1996	17.1	90.3	22	0.009	n/a	<0.4	<0.01	775	n/a	6.85	25.8	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/26/1997	17.9	109	15.2	<0.002	n/a	<0.1	0.04	780	n/a	6.35	18.1	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	9/10/1997	17.2	93.3	14.7	<0.002	n/a	<0.1	0.014	890	n/a	6.85	14	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	4/9/1998	15.4	78.4	12.8	<0.001	n/a	<0.4	<0.03	780	n/a	6.77	0.53	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/23/1998	13.2	88	16.5	<0.001	n/a	<0.4	<0.03	820	n/a	6.84	1.36	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/16/1999	14.2	86.2	17.1	<0.001	n/a	<0.4	<0.03	710	n/a	6.65	1.37	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/29/1999	14.6	81.9	17.7	<0.001	n/a	<0.4	<0.03	702	n/a	6.91	0.2	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/14/2000	12.7	75.2	18.6	0.0057	n/a	<0.4	<0.03	816	n/a	6.95	0.17	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/20/2000	17.9	78.4	19.3	<0.001	n/a	<0.4	<0.03	859	n/a	6.76	<1	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/21/2001	14.84	86.2	16.4	<0.001	n/a	<0.4	<0.03	801	n/a	6.93	0.16	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/26/2001	13.9	84.7	17.9	<0.001	n/a	<0.4	<0.03	897	n/a	6.8	0.16	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/27/2002	14.5	89.3	17.2	<0.001	n/a	<0.4	<0.03	862	n/a	6.79	0.48	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/25/2002	15.2	83.5	17.8	<0.001	n/a	<0.4	<0.03	860	n/a	6.67	0.68	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	4/1/2003	39.1	90.8	15.3	<0.001	n/a	<0.4	<0.03	831	n/a	6.91	0.27	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/17/2003	14.18	86.2	17.2	<0.001	n/a	<0.4	<0.03	832	n/a	6.78	0.56	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/24/2004	15.8	61.2	16.6	<0.001	<1	<0.4	<0.03	836	n/a	6.65	0.25	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
MW-14R	upgradient																				
	9/14/2004	n/a	136	19.9	<0.001	<1	<0.4	<0.03	892	n/a	6.75	0.6	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	3/9/2005	n/a	162	12.7	<0.001	2.46	<0.4	<0.03	927	n/a	6.9	0.7	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	9/28/2005	n/a	154	18.5	<0.001	1.07	<0.002	<0.01	904	n/a	6.6	0.9	<5	<5	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/15/2006	n/a	167	17.7	<0.001	19(R)	<0.002	<0.01	899	n/a	6.75	1	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/20/2006	n/a	121	17.2	<0.01	<0.5	<0.002	<0.01	848	n/a	6.72	1.2	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/6/2007	n/a	94.7	13.4	<0.001	1.14	<0.002	<0.01	850	n/a	6.94	1.2	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/19/2007	n/a	104	20.1	<0.00174	1.04	<0.01	<0.0025	862	n/a	6.78	2.2	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	4/1/2008	n/a	105	19.7	<0.00075	<1	<0.05	<0.025	872	n/a	6.95	3.1	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/18/2008	n/a	86	18.5	<0.0002	2.48	<0.02	0.0106	581	n/a	6.91	4.7	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/17/2009	n/a	91.8	18	<0.0002	<1	<0.02	<0.01	745	n/a	7.33	38.5	<10	<10	<0.5	<0.5	<0.5	1.08	<0.2	<5	<0.5
	10/7/2009	n/a	106	18.7	<0.0002	<1	<0.02	0.0167	919	n/a	6.47	4.4	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/16/2010	n/a	84.4	18.4	<0.0005	<1	<0.0005	<0.005	973	n/a	6.47	1.9	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/28/2010	n/a	85.4	20.1	<0.0005	<1	<0.001	<0.005	131.2	n/a	7.08	1.3	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/9/2011	n/a	94	18	<0.001	<1	<0.01	<0.01	972	n/a	7.59	3.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/13/2011	n/a	85	22.4	<0.001	<1	<0.01	<0.01	935	n/a	6.85	3.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/13/2012	n/a	84	22.5	<0.001	0.92	<0.01	0.0039	1001	n/a	6.51	4.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/26/2012	n/a	74	22.6	<0.001	<1	<0.01	<0.01	978	n/a	6.7	5.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/5/2013	n/a	72(B)	16.4	<0.001	2.7	<0.01	0.0037(J)	896	n/a	6.6	8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/10/2013	n/a	69	23.8	<0.001	0.58(J)	0.00051(J)	0.0034(BJ)	935	n/a	6.8	5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/4/2014	n/a	77	14.5	<0.001	0.47(J)	0.00049(J)	0.0054(J)	916	n/a	6.8	10	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/6/2014	n/a	81	20.3	<0.001	0.68(J)	0.002(J)	0.094	1059	n/a	7	29.5	<50	<10	<1	<1	<1	<1	<5	<15	0.59(J)

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-14R	4/14/2015	n/a	76	n/a	<0.002	4.5	0.00099(B)	0.0062(J)	725	n/a	6.6	5	<50	<10	<1	<1	<1	<1	<5	<15	<1
(cont.)	10/14/2015	n/a	74.1	22.2	<0.002	1.6	0.000677(J)	0.00291(J)	993	n/a	6.9	9.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/12/2016	n/a	77.8	18.8	<0.002	0.595(J)	0.000991(J)	0.0307	1053	n/a	6.7	8.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	8/2/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	n/a	73.7	13.8	<0.002	1.37	0.000317(J)	0.00632(J)	914	n/a	6.9	8.6	<50	<10	<1	<1	<1	<1	<5	<15	0.642(BJ)
	6/13/2017	n/a	73.4	25.4	<0.002	0.552(J)	0.00026(J)	0.0549	987	-71.4	6.4	9.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/29/2017	n/a	75.4	19	<0.002	0.882(J)	<0.005	<0.025	970	-52.3	7.1	9.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/23/2018	n/a	69.1	21.6	<0.002	0.562(BJ)	<0.005	<0.025	971	-48	6.8	15	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/12/2018	n/a	64.1	15.1	<0.002	0.937(J)	<0.005	<0.025	712	-63.2	6.9	20.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/6/2019	n/a	65.7	17.1	<0.002	0.8(BJ)	<0.005	<0.025	810	-16.2	6.5	33.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/25/2019	n/a	67.9	17.8	<0.002	0.774(BJ)	0.000384(BJ	0.00404(J)	803	-61	6.9	36.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/13/2020	n/a	64.4	24.2	<0.002	0.927(BJ)	<0.005	<0.025	865	-39.3	6.8	49.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2020	n/a	64.9	26.7	<0.002	0.491(J)	<0.005	0.00411(BJ)	884	-55.4	6.8	19.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/12/2021	n/a	57.6	18.4	<0.002	0.947(BJ)	<0.005	<0.025	792	-49.3	6.8	18.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	7/28/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.9	19.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/8/2021	n/a	65	20	<0.002	0.648(BJ)	<0.005	0.0036(J)	899	-56.4	7	18.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/10/2022	n/a	64.4	23.5	<0.002	0.692(BJ)	<0.005	<0.025	894	-3.8	7	32.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/9/2022	n/a	65.5	22.3	<0.002	0.796(BJ)	<0.005	0.0039(J)	799	-130.2	7	54.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	2/6/2023	n/a	n/a	17.3	n/a	n/a	n/a	n/a	750	-63.8	7.4	9.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	n/a	62.7	21.3	<0.002	0.824(BJ)	<0.005	<0.025	940	-43.4	6.9	39.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/8/2023	n/a	63.8	19.5	<0.002	0.837(BJ)	<0.005	0.00746(J)	773	-42.7	6.8	21.9	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/21/2024	n/a	62.7	20.3	<0.002	1.41(B)	<0.005	<0.025	889	n/a	6.7	29.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/19/2024	n/a	66.3	18.4	<0.002	1.34	<0.005	<0.025	789	n/a	6.6	27.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/7/2025	n/a	64.1	18.4	<0.002	1.41	<0.005	<0.025	812	n/a	6.8	26.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-16	downgradient																				
	3/16/1995	233	42.4	18.5	<0.002	n/a	<0.4	<0.05	510	n/a	7.23	24.3	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	5/23/1995	1	5	n/a	0.002	n/a	0.4	0.05	10	n/a	n/a	1	5	5	0.1	1	0.5	1	1	5	0.1
	6/29/1995	19.4	182	20.8	<0.002	n/a	<0.4	<0.01	800	n/a	6.92	41.6	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	7/25/1995	23.3	168	20.7	<0.002	n/a	<0.4	<0.01	805	n/a	6.49	110	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/8/1996	24.8	33.9	16.4	<0.002	n/a	<0.4	<0.01	450	n/a	7.09	17.4	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	8/6/1996	11.3	34	22.2	0.014	n/a	<0.4	<0.01	475	n/a	6.94	4.84	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/26/1997	13.2	44	17.3	<0.002	n/a	<0.1	0.03	495	n/a	6.95	130	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	9/10/1997	25.1	40.9	16	<0.002	n/a	<0.1	<0.005	590	n/a	7.07	6.41	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	4/9/1998	12	55.8	12.9	<0.001	n/a	<0.4	<0.03	510	n/a	6.89	1.47	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/23/1998	10.6	121	17.4	<0.001	n/a	<0.4	<0.03	750	n/a	7.05	3.17	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/16/1999	11.6	69.5	18.5	<0.001	n/a	<0.4	<0.03	570	n/a	6.68	2.57	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/29/1999	12.5	126	20.3	<0.001	n/a	<0.4	<0.03	721	n/a	7.04	0.84	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/14/2000	9.71	40.2	17.3	<0.001	n/a	<0.4	<0.03	619	n/a	7.14	1.52	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/20/2000	15	47.2	21.1	<0.001	n/a	<0.4	<0.03	637	n/a	6.95	1.26	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/21/2001	10.99	33.2	18.3	<0.001	n/a	<0.4	<0.03	508	n/a	7.07	1.6	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/26/2001	11	43.7	19.9	<0.001	n/a	<0.4	<0.03	570	n/a	6.95	1.04	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/27/2002	10.5	34.8	20.8	<0.001	n/a	<0.4	<0.03	544	n/a	6.97	1.46	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/25/2002	13.5	44.3	20.4	<0.001	n/a	<0.4	<0.03	661	n/a	6.88	1.5	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	4/1/2003	14.1	49.6	20.4	<0.001	n/a	<0.4	<0.03	675	n/a	7.01	0.51	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/17/2003	12.9	45.8	22.9	<0.001	n/a	<0.4	<0.03	634	n/a	6.91	1.21	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/24/2004	15.3	37.4	20.1	<0.001	n/a	<0.4	<0.03	673	n/a	6.7	0.51	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/14/2004	n/a	42.3	23.8	<0.001	<1	<0.4	<0.03	704	n/a	6.77	0.92	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	3/9/2005	n/a	44.4	16.4	<0.001	1.37	<0.4	<0.03	762	n/a	6.85	0.43	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	9/28/2005	n/a	31.8	24.6	<0.001	1.53	<0.002	<0.01	537	n/a	6.72	0.54	<5	<5	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/15/2006	n/a	36.8	21.5	<0.001	<1	<0.002	<0.01	624	n/a	6.76	0.33	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-16	9/20/2006	n/a	40.6	22.7	<0.01	<0.5	<0.002	<0.01	651	n/a	6.7	0.73	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
(cont.)	3/6/2007	n/a	26.1	20.9	<0.001	1.32	<0.002	<0.01	531	n/a	7.01	1.47	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/19/2007	n/a	32.6	23.8	<0.00174	<1	<0.01	<0.0025	589	n/a	7.01	1.44	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	4/1/2008	n/a	35.2	23.1	<0.00075	<1	<0.05	<0.025	612	n/a	6.97	2.24	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/18/2008	n/a	34.2	25.8	<0.0002	1.79	<0.02	<0.01	489	n/a	6.91	4.14	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/17/2009	n/a	28.1	21	<0.0002	<1	<0.02	<0.01	579	n/a	7.04	65.7	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	10/7/2009	n/a	47.6	22.9	<0.0002	1.06	<0.02	0.0172	616	n/a	6.44	4.98	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/16/2010	n/a	38.8	22.4	<0.0005	<1	<0.0005	<0.005	652	n/a	6.86	1.95	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
MW-16R	downgradient																				
	9/28/2010	n/a	32.1	18.5	<0.0005	<1	<0.001	<0.005	94.1	n/a	6.99	1.9	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	12/30/2010	n/a	22.4	18.2	<0.0005	<1	<0.05	<0.025	629	n/a	6.97	3.5	<10	<2	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	n/a	24	15.8	<0.001	<1	<0.01	<0.01	503	n/a	7.62	3.5	<50	<10	<1	<1	<1	<1	<1	<15	<1
	6/3/2011	n/a	25	21.8	<0.001	46(O)	<0.01	<0.01	537	n/a	7.12	4.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/13/2011	n/a	25	22	<0.001	1	<0.01	<0.01	505	n/a	7.1	4.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/13/2012	n/a	26	22.3	<0.001	0.99	<0.01	0.0045	581	n/a	6.8	9.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/26/2012	n/a	20	21.7	<0.001	0.44	0.0024	0.0035	471	n/a	7.06	23.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/5/2013	n/a	22(B)	18.1	<0.001	3.1(O)	0.023(R)	0.061	475	n/a	6.8	846	<50	<10	<1	<1	<1	<1	<5	<15	0.3(J)
	9/11/2013	n/a	28	26.9	<0.001	0.83(J)	0.0066	0.11(B)	532	n/a	6.8	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/4/2014	n/a	20	12.9	<0.001	0.51(J)	0.0022	0.0079(J)	434	n/a	7.1	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/23/2014	n/a	22	n/a	<0.002	52(O)	<0.005	0.015(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/21/2015	n/a	21.3	23.9	<0.002	0.64(J)	0.00062(J)	<0.025	224.3	n/a	6.5	9.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/16/2015	n/a	21.5	20.9	<0.002	1.08	0.000994(J)	0.0682	532	n/a	6.9	9.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/14/2016	n/a	20.3	22.8	<0.002	0.571(J)	0.000773(J)	0.0082(J)	471	n/a	7	5.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	12/20/2016	n/a	20.8	21.5	<0.002	0.967(J)	0.000687(J)	<0.025	494	n/a	7.3	8.5	<50	<10	<1	<1	<1	<1	<5	<15	0.661(BJ)
	6/15/2017	n/a	19.5	26.2	<0.002	0.58(J)	0.000596(J)	0.0111(J)	512	-64.3	6.9	9.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	12/1/2017	n/a	21.4	22.2	<0.002	0.753(J)	0.000377(J)	<0.025	541	-101.8	7.9	2.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/8/2018	n/a	n/a	21.8	n/a	n/a	n/a	n/a	522	n/a	6.8	0.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/24/2018	n/a	22.6	26.4	<0.002	0.654(BJ)	0.000286(J)	<0.025	531	-54.1	7	1.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/12/2018	n/a	17.3	21.7	<0.002	0.702(J)	0.000214(J)	<0.025	359	-58.5	7.1	1.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/7/2019	n/a	14.1	23	<0.002	0.816(BJ)	0.000193(J)	<0.025	372	5.7	7.1	1.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/26/2019	n/a	17.6	17.1	<0.002	0.937(BJ)	0.000304(J)	<0.025	412	-61	7	2.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/14/2020	n/a	21.3	22.4	<0.002	0.939(BJ)	<0.005	<0.025	519	-22.2	7	6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/11/2020	n/a	17.4	20.3	<0.002	0.456(J)	<0.005	0.00536(BJ)	406	0.2	7.1	1.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/18/2021	n/a	17.4	22.9	<0.002	0.705(BJ)	0.001(J)	0.00579(J)	483	4.5	7	5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/9/2021	n/a	17.8	21.1	<0.002	0.714(BJ)	<0.005	0.00305(J)	416	12.3	7	1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/10/2022	n/a	16.9	25.2	<0.002	0.701(BJ)	0.000926(J)	0.00661(J)	434	19.7	7.2	9.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/9/2022	n/a	n/a	21.6	n/a	n/a	n/a	n/a	445	-51.7	6.7	1.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/10/2022	n/a	20.4	n/a	<0.002	0.707(BJ)	<0.005	<0.025	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/9/2023	n/a	17.4	24.1	<0.002	0.971(BJ)	0.00111(J)	0.0102(J)	494	-47.7	7.1	9.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	7/25/2023	n/a	n/a	24.3	n/a	n/a	n/a	n/a	488	-24	6.9	1.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/10/2023	n/a	22	19.7	<0.002	1.39(B)	<0.005	0.00337(J)	433	-22.1	7.1	1.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	1/31/2024	n/a	n/a	19.4	n/a	0.631(J)	n/a	n/a	457	-38.8	7.1	9.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/22/2024	n/a	23.1	24.6	<0.002	1.73(B)	<0.005	0.00356(J)	534	n/a	6.9	6.1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	8/2/2024	n/a	n/a	25.9	n/a	n/a	n/a	n/a	732	n/a	6.8	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/5/2024	n/a	n/a	n/a	n/a	0.63(BJ)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/20/2024	n/a	22.6	19.4	<0.002	<1	<0.005	<0.025	512	n/a	6.7	4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/15/2025	n/a	23.3	23.5	<0.002	0.782(J)	<0.005	0.00597(BJ)	524	n/a	6.9	2.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-17	downgradient																				
	3/16/1995	86.2	41.9	18.4	<0.002	n/a	<0.4	<0.05	1100	n/a	6.92	83.4	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	5/23/1995	30	53.2	20.3	<0.002	n/a	<0.4	<0.05	880	n/a	6.38	33.1	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-17	6/29/1995	29.3	74.3	21.5	<0.002	n/a	<0.4	<0.01	780	n/a	6.63	49.7	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
(cont.)	7/25/1995	30.2	56.4	23.4	<0.002	n/a	<0.4	<0.01	790	n/a	6.49	70.9	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/8/1996	31.1	86	16	<0.002	n/a	<0.4	<0.01	700	n/a	6.9	12.9	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	8/6/1996	23.3	87.8	20.8	0.007	n/a	<0.4	<0.01	610	n/a	6.53	25.1	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/26/1997	22.6	104	16	<0.002	n/a	<0.1	0.06	690	n/a	6.42	46.5	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	9/10/1997	21.6	94.9	18.4	<0.002	n/a	<0.1	<0.01	685	n/a	6.84	8.69	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	4/9/1998	19	109.5	12.9	<0.001	n/a	<0.4	<0.03	740	n/a	6.75	1.87	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/23/1998	16.2	89	17.2	<0.001	n/a	<0.4	<0.03	800	n/a	6.76	2.03	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/16/1999	18.8	107	17.4	<0.001	n/a	<0.4	<0.03	710	n/a	6.73	2.81	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/29/1999	17.9	110	19.3	<0.001	n/a	<0.4	<0.03	696	n/a	7.01	23.8	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/14/2000	18.3	73.4	17.7	<0.001	n/a	<0.4	<0.03	751	n/a	6.92	44.6	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/20/2000	22.1	107.8	24.5	<0.001	n/a	<0.4	<0.03	808	n/a	6.81	111	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/21/2001	18.89	129	22.6	<0.001	n/a	<0.4	<0.03	753	n/a	6.87	3.47	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/26/2001	16.6	117	18.6	<0.001	n/a	<0.4	<0.03	795	n/a	6.8	3.71	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	4
	3/27/2002	18.1	122.8	14	<0.001	n/a	<0.4	<0.03	834	n/a	6.8	12.5	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	13.1
	9/25/2002	17.7	129	18.6	<0.001	n/a	<0.4	<0.03	840	n/a	6.69	6.21	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	4/1/2003	19.3	124	18.1	<0.001	n/a	<0.4	<0.03	815	n/a	6.81	8.03	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	1.6
	9/17/2003	17.8	135	20.8	<0.001	n/a	<0.4	<0.03	816	n/a	6.82	11.7	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	2.3
MW-17R	upgradient																				
	9/14/2004	n/a	58.5	19.9	<0.001	<1	<0.4	<0.03	575	n/a	6.82	0.7	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	3/9/2005	n/a	58.4	14.4	<0.001	1.36	<0.4	<0.03	557	n/a	6.84	0.6	<5	<5	<0.5	<0.5	<0.5	<1	<1	<5	<0.1
	9/28/2005	n/a	61.6	18.7	<0.001	3.59(O)	<0.002	<0.01	545	n/a	6.59	0.5	<5	<5	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/15/2006	n/a	57.8	18.9	<0.001	<1	<0.002	<0.01	530	n/a	6.75	1.1	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/20/2006	n/a	58.1	17.2	<0.01	<0.5	<0.002	<0.01	514	n/a	6.82	1.3	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	3/6/2007	n/a	47.7	14.1	<0.001	1.13	<0.002	<0.01	513	n/a	6.9	2.6	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	9/19/2007	n/a	47.4	19.4	<0.00174	<1	<0.01	<0.0025	521	n/a	6.76	1.8	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.1
	4/1/2008	n/a	45.2	18.1	<0.00075	<1	<0.05	<0.025	494	n/a	6.91	30.6	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/18/2008	n/a	38.3	22.2	<0.0002	1.02	<0.02	<0.01	381	n/a	6.98	16.9	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/17/2009	n/a	36.9	19.6	<0.0002	<1	<0.02	<0.01	485	n/a	7.56	52	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	10/7/2009	n/a	43.5	18.9	<0.0002	<1	<0.02	0.0127	512	n/a	6.33	5	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/16/2010	n/a	33.7	19.6	<0.0005	<1	<0.0005	<0.005	525	n/a	6.84	4.1	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	9/28/2010	n/a	31.9	19.7	<0.0005	<1	<0.001	<0.005	117.7	n/a	7.13	2.6	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	3/9/2011	n/a	34	16.2	<0.001	<1	<0.01	<0.01	491	n/a	7.6	4.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/13/2011	n/a	36	22.1	<0.001	<1	<0.01	<0.01	491	n/a	6.93	4.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/13/2012	n/a	36	21.74	<0.001	0.61	<0.01	0.0049	525	n/a	6.41	23.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/26/2012	n/a	37	20.6	<0.001	0.34	<0.01	0.0038	513	n/a	6.82	99.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/5/2013	n/a	30(B)	14.02	<0.001	0.48(J)	<0.01	<0.01	477	n/a	6.7	8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/11/2013	n/a	33	23.4	<0.001	0.85(J)	0.0044	0.0048(BJ)	524	n/a	6.6	86	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/5/2014	n/a	33	14.8	<0.001	0.23(J)	<0.002	<0.01	503	n/a	6.8	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/9/2014	n/a	34	22	<0.001	0.76(J)	<0.002	0.015	557	n/a	6.9	9.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/21/2015	n/a	33.8	19.5	<0.002	0.38(J)	0.00042(J)	<0.025	235.8	n/a	6.4	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/14/2015	n/a	34.8	n/a	<0.002	0.94(J)	0.000551(J)	<0.025	584	n/a	6.9	6.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/12/2016	n/a	35.8	20.4	<0.002	0.33(J)	0.000619(J)	0.0141(J)	587	n/a	6.7	9.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	8/2/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	n/a	33.1	18.1	<0.002	0.647(J)	0.000292(J)	0.0288	506	n/a	7	8.7	<50	<10	<1	<1	<1	<1	<5	<15	0.558(BJ)
	4/12/2017	n/a	n/a	23.74	n/a	n/a	n/a	0.0395	543	n/a	6.84	7.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/14/2017	n/a	32.9	22.6	<0.002	0.343(J)	<0.005	0.0115(J)	537	-21.2	6.6	9.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/29/2017	n/a	31.9	18.7	<0.002	0.53(J)	<0.005	<0.025	540	-65.4	7.4	8.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/23/2018	n/a	30.1	22.5	<0.002	0.598(BJ)	0.000279(J)	<0.025	591	-25.1	6.8	5.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	8/20/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.5	3.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-17R	11/9/2018	n/a	30.1	17.8	<0.002	0.713(J)	<0.005	<0.025	507	-21.2	6.8	5.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
(cont.)	5/6/2019	n/a	29.8	18.4	<0.002	0.764(BJ)	<0.005	<0.025	541	-12.5	6.7	7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	7/23/2019	n/a	n/a	22.94	n/a	n/a	n/a	n/a	583	n/a	6.96	7.91	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/25/2019	n/a	33.1	17.3	<0.002	0.525(BJ)	0.000183(J)	<0.025	550	-33	6.9	6.8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/14/2020	n/a	30.6	19.6	<0.002	0.732(BJ)	<0.005	<0.025	547	-12.2	6.7	4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2020	n/a	32	23.8	<0.002	0.282(J)	<0.005	0.00471(BJ)	609	-39.7	6.8	1.2	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/12/2021	n/a	32.6	19.7	<0.002	0.686(BJ)	<0.005	<0.025	598	-39.9	6.8	6.1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/9/2021	n/a	34.5	17.8	<0.002	0.467(BJ)	<0.005	<0.025	559	9.7	6.8	3.3	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/10/2022	n/a	35.3	20.6	<0.002	0.51(BJ)	0.00112(BJ)	<0.025	659	25	6.7	1.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2022	n/a	36.9	19.1	<0.002	1.06(B)	<0.005	<0.025	594	-63.4	7.1	5.3	<50	<10	<1	<1	<1	<1	<5	<10	<1
	2/6/2023	n/a	n/a	17.9	n/a	n/a	n/a	n/a	597	-53.5	7.3	1.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	n/a	38.8	21.6	<0.002	0.767(BJ)	<0.005	<0.025	745	-49.7	6.9	1.2	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/9/2023	n/a	39.2	18.3	<0.002	1.13(B)	<0.005	0.00341(J)	598	-16.2	6.6	2	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/21/2024	n/a	32.1	21.9	<0.002	1.19(B)	<0.005	<0.025	737	n/a	6.5	8.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	8/5/2024	n/a	n/a	23.4	n/a	0.478(BJ)	n/a	n/a	736	n/a	6.6	1.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/20/2024	n/a	38.1	17.8	<0.002	1.92	<0.005	<0.025	660	n/a	6.5	1.9	<50	<10	<1	<1	<1	<1	<5	<10	<1
	1/23/2025	n/a	n/a	17	n/a	0.59(J)	n/a	n/a	516	n/a	6.9	2.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2025	n/a	36.6	18.3	<0.002	0.803(J)	<0.005	0.0047(J)	660	n/a	6.8	2.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-18	downgradient																				
	3/16/1995	74.2	79.6	17.4	<0.002	n/a	<0.4	<0.05	800	n/a	6.73	7.97	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	5/23/1995	33.9	36	19.2	<0.002	n/a	<0.4	<0.05	480	n/a	6.5	6.72	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	6/29/1995	38.6	53.1	21.6	<0.002	n/a	<0.4	<0.01	700	n/a	6.86	40.8	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	7/25/1995	48.8	57.3	22.1	<0.002	n/a	<0.4	<0.01	850	n/a	6.81	30.2	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/8/1996	51.3	53.9	16.5	<0.002	n/a	<0.4	<0.01	800	n/a	6.89	48	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	8/6/1996	39	52.7	20.8	0.014	n/a	<0.4	<0.01	900	n/a	6.86	25.8	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	2/26/1997	23.6	56	16.2	<0.002	n/a	<0.1	0.06	780	n/a	6.44	27.4	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	9/10/1997	40	56	14.8	<0.002	n/a	<0.1	<0.01	950	n/a	6.81	16.9	<5	<5	<0.1	<1	<0.5	<1	<1	<5	<0.1
	4/9/1998	40.3	64.3	14.4	<0.001	n/a	<0.4	<0.03	910	n/a	6.82	2.31	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/23/1998	26.2	63	17	<0.001	n/a	<0.4	<0.03	1000	n/a	6.84	2.4	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/16/1999	37.8	68.4	19.5	<0.001	n/a	<0.4	<0.03	900	n/a	6.51	1.71	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/29/1999	35.5	79.3	19.2	<0.001	n/a	<0.4	<0.03	975	n/a	7.04	0.48	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/14/2000	37.5	79	19.8	<0.001	n/a	<0.4	<0.03	1015	n/a	7	0.59	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/20/2000	41.2	98.9	19.2	<0.001	n/a	<0.4	<0.03	1072	n/a	6.81	<1	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/21/2001	33.13	100	20.4	<0.001	n/a	<0.4	<0.03	881	n/a	7.03	0.72	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/26/2001	29.3	129	18.3	<0.001	n/a	<0.4	<0.03	1053	n/a	6.78	0.41	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	3/27/2002	33.5	118.5	14.2	<0.001	n/a	<0.4	<0.03	953	n/a	6.86	0.75	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/25/2002	36.9	144	20.5	<0.001	n/a	<0.4	<0.03	1016	n/a	6.74	1.74	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	4/1/2003	37.9	119	17.2	<0.001	n/a	<0.4	<0.03	923	n/a	7	0.69	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
	9/17/2003	66.2	114	20.1	<0.001	n/a	<0.4	0.051	840	n/a	7.08	305	<5	<5	<0.05	<0.5	<0.5	<1	<1	<5	<0.1
MW-19	downgradient																				
	9/28/2010	n/a	27.4	19.2	<0.0005	<1	<0.001	<0.005	125.6	n/a	7.3	1.7	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	12/30/2010	n/a	29.4	17.8	<0.0005	<1	<0.05	<0.025	651	n/a	7.16	4	<10	<2	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	n/a	37	17.2	<0.001	<1	<0.01	<0.01	631	n/a	7.66	3.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	6/3/2011	n/a	38	21.7	<0.001	9.1(O)	<0.01	<0.01	682	n/a	7.09	2.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/13/2011	n/a	38	22.1	<0.001	1.1	<0.01	<0.01	611	n/a	7.08	4.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/13/2012	n/a	45	21.2	<0.001	1	<0.01	0.0035	694	n/a	6.71	7.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/26/2012	n/a	42	22.6	<0.001	2.3	<0.01	0.0033	788	n/a	6.87	22.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/5/2013	n/a	43(B)	18.4	<0.001	1.2	0.0034(J)	0.007(J)	691	n/a	6.6	141	<50	<10	<1	<1	<1	<1	<5	<15	0.7(J)
	9/11/2013	n/a	55	23.9	<0.001	1.9	0.0019(J)	0.028(B)	594	n/a	6.6	10	<50	<10	<1	1.8(R)	<1	<1	<5	<15	0.73(J)
	11/20/2013	n/a	n/a	17.9	n/a	n/a	n/a	n/a	749	n/a	6.8	9.9	n/a	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-19	3/4/2014	n/a	45	13.8	<0.001	0.47(J)	0.0012(J)	0.0028(J)	600	n/a	7	10	<50	<10	<1	<1	<1	<1	<5	<15	<1
(cont.)	6/9/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.9	15	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/9/2014	n/a	38	26.9	<0.001	0.5(J)	0.0006(J)	0.071	594	n/a	7	8.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/21/2015	n/a	37	20.4	<0.002	0.44(J)	0.00091(J)	0.0054(J)	287.4	n/a	6.3	9.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/16/2015	n/a	37.5	23.8	<0.002	1.34	0.00237(J)	0.0119(J)	720	n/a	6.8	27.4	<50	<10	<1	<1	<1	<1	<5	<15	0.314(J)
	2/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7	12.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/14/2016	n/a	41.7	21.5	<0.002	0.493(J)	0.000858(J)	0.0183(J)	642	n/a	6.8	7.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	8/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/22/2016	n/a	36.7	20.4	<0.002	0.971(J)	0.000409(J)	0.0636	612	n/a	7.7	6.2	<50	<10	<1	<1	<1	<1	<5	<15	0.518(BJ)
	4/12/2017	n/a	n/a	26.24	n/a	n/a	n/a	n/a	672	n/a	6.93	10.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2017	n/a	36.9	23.3	<0.002	0.55(J)	0.000407(J)	0.0421	670	-58.9	6.9	4.8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	12/1/2017	n/a	36.9	20	<0.002	0.646(J)	0.000272(J)	<0.025	587	-104.6	7.9	2.8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/8/2018	n/a	n/a	18.1	n/a	n/a	n/a	n/a	658	n/a	6.9	2.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/24/2018	n/a	37.6	23.3	<0.002	0.7(BJ)	0.000218(J)	<0.025	652	-41.6	6.8	0.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/12/2018	n/a	34.1	18.9	<0.002	0.975(J)	<0.005	<0.025	505	-35.6	7	0.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/7/2019	n/a	32.8	20.4	<0.002	0.709(BJ)	0.000251(J)	<0.025	630	24.9	6.7	1.8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/26/2019	n/a	35.7	14.8	<0.002	0.748(BJ)	0.000231(J)	<0.025	571	-50	6.9	0.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/14/2020	n/a	38.6	21.1	<0.002	0.904(BJ)	<0.005	<0.025	544	14.8	7	3.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2020	n/a	34.5	22.7	<0.002	0.4(J)	<0.005	0.0077(BJ)	588	-66.1	7	0.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/13/2021	n/a	31.6	18.8	<0.002	0.853(BJ)	<0.005	<0.025	444	-64.7	7	0.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/9/2021	n/a	34.1	21.7	<0.002	0.587(BJ)	<0.005	<0.025	479	3.4	7.1	1.1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/10/2022	n/a	31.8	24.4	<0.002	0.695(BJ)	0.00126(BJ)	<0.025	559	10.9	7	1.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2022	n/a	35.9	22	<0.002	1.05(B)	<0.005	<0.025	529	-70.6	7.4	2.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/9/2023	n/a	27.4	23.3	<0.002	0.867(BJ)	<0.005	<0.025	526	-49.8	7.1	1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/9/2023	n/a	32	21	<0.002	1.3(B)	<0.005	<0.025	529	-44.1	7.1	1.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/21/2024	n/a	28.1	24.4	<0.002	1.05(B)	<0.005	<0.025	544	n/a	6.9	4.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/20/2024	n/a	30.5	20.7	<0.002	1.31	<0.005	<0.025	546	n/a	6.9	1.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/8/2025	n/a	28.6	23.3	<0.002	<1	<0.005	0.00413(J)	480	n/a	7.1	0.9	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-20	downgradient																				
	9/28/2010	n/a	32.4	20.3	<0.0005	<1	0.034	<0.005	124.9	n/a	6.77	6.8	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	12/30/2010	n/a	25	18.2	<0.0005	<1	<0.05	<0.025	533	n/a	6.68	2.2	<10	<2	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	n/a	29	16.4	<0.001	1	<0.01	<0.01	493	n/a	7.5	5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	6/3/2011	n/a	30	23.1	<0.001	51(O)	<0.01	<0.01	523	n/a	6.75	4.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/13/2011	n/a	29	19.2	<0.001	<1	<0.01	<0.01	608	n/a	6.78	5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/13/2012	n/a	25	20.51	<0.001	1.1	0.0027	0.0037	488	n/a	6.18	8.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/26/2012	n/a	27	21	<0.001	0.54	0.044(R)	0.0041	530	n/a	6.62	17.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/6/2013	n/a	30(B)	16.7	<0.001	0.84(J)	0.0083(J)	0.026(R)	475	n/a	6.3	461	<50	<10	0.38(J)	<1	<1	<1	<5	<15	0.37(J)
	9/12/2013	n/a	41	21.9	<0.001	4.2	0.0015(J)	0.0037(BJ)	498	n/a	6.4	8	<50	<10	<1	0.55(JR)	<1	<1	<5	<15	0.55(J)
	11/20/2013	n/a	n/a	20.2	n/a	n/a	n/a	n/a	561	n/a	6.6	9.9	n/a	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a
	3/5/2014	n/a	24	7.8	<0.001	0.67(J)	0.00079(J)	0.003(J)	457	n/a	6.8	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	6/9/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.7	7.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/23/2014	n/a	30	n/a	<0.002	0.8(J)	<0.005	0.075	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/21/2015	n/a	38	22.9	<0.002	0.53(J)	0.00088(J)	<0.025	253.2	n/a	6.2	9.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/15/2015	n/a	27.7	24.9	<0.002	1.1	0.000973(J)	0.0159(J)	519	n/a	6.8	7.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/13/2016	n/a	34.7	22	<0.002	0.646(J)	0.00112(J)	0.0436	440	n/a	6.5	8.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	8/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	n/a	30	13.6	<0.002	1.2	0.000952(J)	0.0793	573	n/a	6	9.6	<50	<10	<1	<1	<1	<1	<5	<15	0.549(BJ)
	4/12/2017	n/a	n/a	23.39	n/a	n/a	n/a	0.00854(J)	564	n/a	6.48	9.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/14/2017	n/a	41.2	26.9	<0.002	0.843(J)	0.000691(J)	0.0615	658	-25	6.4	8.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/5/2017	n/a	n/a	n/a	n/a	n/a	n/a	0.00597(J)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-20	12/1/2017	n/a	25	19.9	<0.002	0.877(J)	0.000297(J)	<0.025	576	-82.6	7.2	1.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
(cont.)	5/24/2018	n/a	25.1	23.7	<0.002	0.648(BJ)	<0.005	<0.025	550	-42.2	6.7	0.8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/13/2018	n/a	26	15.4	<0.002	0.863(J)	<0.005	<0.025	512	16.5	6.4	0.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	1/29/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.5	0.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/7/2019	n/a	23.4	24	<0.002	0.879(BJ)	0.000211(J)	<0.025	503	-20.9	6.9	1.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/26/2019	n/a	24	20.1	<0.002	0.88(BJ)	0.000318(J)	<0.025	482	-52	6.7	1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/14/2020	n/a	25.1	23.6	<0.002	1.11(B)	<0.005	<0.025	497	-35.5	6.9	4.2	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-20R	downgradient																				
	5/13/2021	n/a	25.4	20.3	<0.002	0.918(BJ)	<0.005	<0.025	512	-54.9	6.7	4.1	<50	<10	<1	<1	<1	<1	<5	<10	0.218(J)
	7/28/2021	n/a	n/a	27.5	n/a	n/a	n/a	n/a	503	n/a	6.8	4.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2021	n/a	25.1	20.4	<0.002	0.712(BJ)	<0.005	<0.025	464	-6.1	6.6	2	<50	<10	0.105(J)	<1	<1	<1	<5	<10	<1
	1/11/2022	n/a	n/a	17.5	n/a	n/a	n/a	n/a	426	n/a	6.9	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/11/2022	n/a	29.3	23	<0.002	0.7(BJ)	0.00121(BJ)	<0.025	632	32.8	6.5	1.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2022	n/a	23.9	20.8	<0.002	1.32(B)	<0.005	<0.025	480	-67	6.8	1.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/8/2023	n/a	22.9	28.1	<0.002	1.24(B)	<0.005	<0.025	492	6.1	6.4	2.9	<50	<10	<1	<1	<1	<1	<5	<10	0.15(J)
	11/10/2023	n/a	21.2	18.9	<0.002	1.3(B)	<0.005	<0.025	453	-4.8	6.7	2.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/22/2024	n/a	27.9	21.2	<0.002	1.5(B)	<0.005	<0.025	619	n/a	6.1	9.7	<50	<10	0.122(J)	<1	<1	<1	<5	<10	<1
	11/20/2024	n/a	20.6	19.3	<0.002	1.24	<0.005	<0.025	482	n/a	6.6	2.1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/8/2025	n/a	22.5	20.8	<0.002	0.71(J)	<0.005	<0.025	486	n/a	6.6	1.1	<50	<10	0.0944(J)	<1	<1	<1	<5	<10	<1
MW-21	downgradient																				
	9/28/2010	n/a	19.9	20.6	<0.00025	<1	<0.0005	<0.0025	109.8	n/a	7.15	6.6	<10	<10	<0.5	<0.5	<0.5	<0.2	<0.2	<5	<0.5
	12/30/2010	n/a	16.9	18.9	<0.0005	<1	<0.05	<0.025	664	n/a	7.09	2.9	<10	<2	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	n/a	22	16.6	<0.001	<1	<0.01	<0.01	652	n/a	7.69	3.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	6/3/2011	n/a	23	21.5	<0.001	73(O)	<0.01	<0.01	702	n/a	7.05	2.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/13/2011	n/a	20	23.6	<0.001	4	<0.01	<0.01	639	n/a	7.02	2.8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/13/2012	n/a	19	20.83	<0.001	0.66	0.0036	0.0039	682	n/a	6.76	6.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/26/2012	n/a	11	22.2	<0.001	0.24	<0.01	<0.01	579	n/a	6.88	23.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/6/2013	n/a	11(B)	17.3	<0.001	0.41(J)	0.0041(J)	0.02	497	n/a	6.5	126	<50	<10	<1	<1	<1	<1	<5	<15	<1
	9/12/2013	n/a	200(O)	24.8	<0.001	1.7	0.0017(J)	0.027(B)	798	n/a	6.4	11	<50	<10	<1	<1	<1	<1	<5	<15	<1
	3/6/2014	n/a	72	0.8	<0.001	0.54(J)	0.00019(J)	0.0048(J)	756	n/a	6.6	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/8/2014	n/a	18	24.6	<0.001	0.51(J)	<0.002	0.019	654	n/a	6.9	9.7	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/22/2015	n/a	17	22.8	<0.002	0.41(J)	0.0006(J)	0.0099(J)	664	n/a	7.2	9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/14/2015	n/a	88.6	24.6	<0.002	1.2	0.000712(J)	<0.025	711	n/a	6.7	6.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/13/2016	n/a	18.7	20.7	<0.002	0.381(J)	0.000839(J)	0.00977(J)	383	n/a	6.8	4.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	12/20/2016	n/a	19.9	17.2	<0.002	1.23	0.000347(J)	0.00344(J)	509	n/a	6.5	7.4	<50	<10	<1	<1	<1	<1	<5	<15	0.438(BJ)
	6/14/2017	n/a	85.1	26	<0.002	0.751(J)	0.000291(J)	0.00882(J)	722	-43.2	6.6	8.3	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/29/2017	n/a	11.6	19.7	<0.002	0.585(J)	0.000192(J)	<0.025	527	-60.8	7.3	2.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/24/2018	n/a	26.3	32.8	<0.002	0.508(BJ)	0.000265(J)	<0.025	618	-46.7	6.7	2.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/13/2018	n/a	10.1	6.9	<0.002	0.562(J)	<0.005	<0.025	405	41.9	6.7	0.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/7/2019	n/a	9.24	29.7	<0.002	0.589(BJ)	0.000191(J)	<0.025	528	-27.2	7	1.8	10.4(J)	<10	<1	<1	<1	<1	<5	<15	<1
	11/26/2019	n/a	11.4	14.4	<0.002	0.608(BJ)	0.00025(J)	<0.025	403	-34	6.7	1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/14/2020	n/a	12.5	24.3	<0.002	0.832(BJ)	<0.005	<0.025	450	-16.4	6.8	4.1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2020	n/a	9.94	22.1	<0.002	0.856(J)	<0.005	0.00774(BJ)	474.1	-48.3	6.9	1.1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/14/2021	n/a	11.9	20.6	<0.002	0.677(BJ)	<0.005	<0.025	460	-60.4	6.9	1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2021	n/a	25	21.2	<0.002	0.461(BJ)	<0.005	0.00445(J)	548	3.7	6.6	0.4	<50	<10	0.151(J)	<1	<1	<1	<5	<10	0.0991(J)
	5/11/2022	n/a	10.7	23.5	<0.002	0.522(BJ)	0.00148(BJ)	<0.025	641	36	6.5	1.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2022	n/a	16.7	23.7	<0.002	1.07(B)	<0.005	<0.025	578	-52.2	6.8	1.5	<50	<10	0.109(J)	<1	<1	<1	<5	<10	<1
	5/8/2023	n/a	20	25.8	<0.002	1.03(B)	0.000683(J)	0.00914(J)	582	-52.7	6.8	9.1	<50	<10	<1	<1	<1	<1	<5	<10	0.169(J)
	11/9/2023	n/a	140	21.7	<0.002	1.68(B)	<0.005	0.00942(J)	705	-11.3	6.6	1.4	<50	<10	0.161(J)	<1	<1	<1	<5	<10	<1
	1/31/2024	n/a	36.6	21.7	n/a	n/a	n/a	n/a	609	-45.5	6.9	6.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-21	5/22/2024	n/a	29.9	23.5	<0.002	1.39(B)	<0.005	0.0121(J)	633	n/a	6.1	7.4	<50	<10	0.0946(J)	<1	<1	<1	<5	<10	<1
(cont.)	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/22/2024	n/a	53.9	16.2	<0.002	1.69	<0.005	<0.025	562	n/a	6.4	1.9	<50	<10	0.211(J)	<1	<1	<1	<5	<10	<1
	5/6/2025	n/a	121	23.9	<0.002	0.749(J)	<0.005	0.0177(J)	752	n/a	6.7	8.9	<50	<10	0.161(J)	<1	<1	<1	<5	<10	<1
	7/29/2025	n/a	55.5	29.7	n/a	n/a	n/a	n/a	737	n/a	6.5	2.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MW-22	upgradient																				
	11/28/2017	n/a	5.56	19.1	<0.002	0.725(J)	0.000293(J)	<0.025	308	-91.7	7.2	0.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/28/2017	n/a	n/a	19.1	n/a	n/a	n/a	n/a	308	n/a	n/a	0.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/8/2018	n/a	3.48(J)	14.3	<0.002	1.46	0.00021(J)	<0.025	296	n/a	6.9	2.1	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/23/2018	n/a	9.61	20.7	<0.002	0.658(BJ)	0.000237(J)	<0.025	368	-109	7.4	0.8	<50	<10	<1	<1	<1	<1	<5	<15	<1
	8/20/2018	n/a	11.7	n/a	<0.002	0.631(BJ)	<0.005	<0.025	n/a	n/a	7.3	1.9	<50	<10	<1	<1	<1	<1	<5	<15	0.315(J)
	11/9/2018	n/a	7.22	16	<0.002	0.726(J)	<0.005	<0.025	290	-10.3	7.5	0.5	<50	<10	<1	<1	<1	<1	<5	<15	0.415(J)
	1/29/2019	n/a	7.72	n/a	<0.002	1.01(B)	<0.005	<0.025	n/a	n/a	7.1	1.2	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/6/2019	n/a	3.05(J)	19.6	<0.002	0.69(BJ)	0.000219(J)	<0.025	269	6.6	7.3	0.9	<50	<10	<1	<1	<1	<1	<5	<15	<1
	7/23/2019	n/a	4.45(J)	20.71	<0.002	0.998(J)	<0.005	0.00534(J)	288	n/a	7.27	1.5	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/25/2019	n/a	4.73(BJ)	16.7	<0.002	0.567(BJ)	0.000252(J)	<0.025	265	-69	7.6	0.6	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/13/2020	n/a	8.23	18.5	<0.002	1.16(B)	<0.005	<0.025	310	-6.8	7.3	7.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	8/3/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2020	n/a	6.78	20	<0.002	0.569(J)	<0.005	<0.025	357	-64	7.5	1.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/12/2021	n/a	4.66(J)	17.3	<0.002	0.688(BJ)	<0.005	<0.025	279	-67.1	7.9	2	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/8/2021	n/a	3.81(J)	20.3	<0.002	0.687(BJ)	<0.005	<0.025	303	49.2	7.2	1.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	1/11/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7.6	3.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/10/2022	n/a	3.53(J)	19.3	<0.002	0.803(BJ)	0.00144(BJ)	<0.025	301	55.5	6.9	3	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/9/2022	n/a	2.95(J)	19.3	<0.002	0.791(BJ)	<0.005	<0.025	270	-150.9	7.5	9.3	<50	<10	<1	<1	<1	<1	<5	<10	<1
	2/6/2023	n/a	n/a	17.5	n/a	n/a	n/a	n/a	277	-53	7.5	6.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	n/a	3.57(J)	20	<0.002	0.835(BJ)	<0.005	<0.025	324	-46.7	7.5	6.9	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/8/2023	n/a	5.23	19.9	<0.002	0.754(BJ)	<0.005	<0.025	286	-16.7	7.3	2.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/21/2024	n/a	9.74	20.8	<0.002	0.901(BJ)	<0.005	<0.025	354	n/a	7.1	8.3	<50	<10	<1	<1	<1	<1	<5	<10	<1
	8/2/2024	n/a	n/a	24.5	n/a	n/a	n/a	n/a	383	n/a	7.2	4.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/19/2024	n/a	3.75(J)	17.9	<0.002	1.05	<0.005	<0.025	270	n/a	7.1	8.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	1/23/2025	n/a	n/a	13.3	n/a	n/a	n/a	n/a	301	n/a	7.5	5.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/7/2025	n/a	3.72(J)	18.3	<0.002	0.668(J)	<0.005	<0.025	273	n/a	7.4	9.3	<50	<10	<1	<1	<1	<1	<5	<10	<1
	7/29/2025	n/a	n/a	22.3	n/a	n/a	n/a	n/a	290	n/a	7.3	6.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MW-23	downgradient																				
	9/25/2024	n/a	32.7	21.3	<0.002	0.795(J)	<0.005	0.00445(J)	600	n/a	6.8	9	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/22/2024	n/a	29	16.4	<0.002	0.931(J)	<0.005	<0.025	481	n/a	6.5	9.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	3/12/2025	n/a	26.4	17.9	<0.002	1.13	<0.005	<0.025	579	n/a	6.9	9.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/6/2025	n/a	26.5	19.3	<0.002	0.656(J)	<0.005	<0.025	489	n/a	6.9	9.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-24	downgradient																				
	9/24/2024	n/a	62	21.2	<0.002	0.727(J)	<0.005	<0.025	643	n/a	6.7	8.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/22/2024	n/a	81.7	16.7	<0.002	2.23	<0.005	<0.025	627	n/a	6.3	3.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	3/12/2025	n/a	113	19.1	<0.002	1.18	<0.005	<0.025	860	n/a	6.5	9.2	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/6/2025	n/a	57.2	21.9	<0.002	0.767(J)	<0.005	<0.025	563	n/a	6.8	6.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-25	downgradient																				
	9/24/2024	n/a	74.1	20.8	<0.002	0.776(J)	<0.005	<0.025	769	n/a	6.8	5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/25/2024	n/a	71.5	18	<0.002	0.972(J)	<0.005	<0.025	664	n/a	6.4	3.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
	3/13/2025	n/a	76	18.1	<0.002	0.825(J)	<0.005	<0.025	749	n/a	6.6	1.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/6/2025	n/a	62.4	21.2	<0.002	0.7(J)	<0.005	<0.025	627	n/a	6.7	1.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-26	downgradient																				
	9/24/2024	n/a	22.8	22	<0.002	0.643(J)	<0.005	0.00305(J)	601	n/a	7	5.8	<50	<10	<1	<1	<1	<1	<5	<10	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
MW-26	11/21/2024	n/a	19.7	17.2	<0.002	1.54	<0.005	<0.025	510	n/a	6.7	1.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
(cont.)	3/13/2025	n/a	18.4	18.2	<0.002	0.748(J)	<0.005	<0.025	534	n/a	7	5.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/15/2025	n/a	16.9	19.5	<0.002	0.715(J)	<0.005	<0.025	484	n/a	7.1	5.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-27R	downgradient																				
	9/25/2024	n/a	20.3	20.1	<0.002	0.553(J)	<0.005	<0.025	572	n/a	6.8	1.1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/21/2024	n/a	18.8	17.4	<0.002	1.55	<0.005	<0.025	580	n/a	6.4	1.4	<50	<10	<1	<1	<1	<1	<5	<10	<1
	3/13/2025	n/a	19.1	18.9	<0.002	0.741(J)	<0.005	<0.025	621	n/a	6.8	1.3	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/15/2025	n/a	19.8	19.8	<0.002	0.816(J)	<0.005	0.00737(BJ)	654	n/a	6.7	2.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
MW-28	downgradient																				
	9/25/2024	n/a	14.8	20.7	<0.002	0.656(J)	<0.005	<0.025	527	n/a	6.9	7.4	<50	<10	<1	<1	<1	<1	<5	<10	0.098(J)
	11/25/2024	n/a	15.5	19.9	<0.002	1.32	<0.005	<0.025	517	n/a	6.6	3.8	<50	<10	<1	<1	<1	<1	<5	<10	<1
	3/13/2025	n/a	15.4	20.3	<0.002	0.912(J)	0.000851(J)	0.00966(J)	532	n/a	6.9	7.5	<50	<10	<1	<1	<1	<1	<5	2.53(J)	<1
	5/16/2025	n/a	15.4	21.9	<0.002	20.9	0.003(J)	0.0189(BJ)	565	n/a	6.9	9.4	<50	<10	<1	<1	<1	<1	<5	<10	0.212(BJ)
MW-29	downgradient																				
	9/25/2024	n/a	41.4	21.4	<0.002	0.527(J)	<0.005	<0.025	547	n/a	6.8	3.2	<50	<10	<1	<1	<1	<1	<5	2.25(J)	<1
	11/25/2024	n/a	35.9	19.7	<0.002	1.3	<0.005	<0.025	491	n/a	6.7	4.1	<50	<10	<1	<1	<1	<1	<5	<10	<1
	3/13/2025	n/a	41.4	19.8	<0.002	0.907(J)	0.00102(J)	0.0087(J)	621	n/a	6.6	9.6	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/16/2025	n/a	48.9	19.3	<0.002	1.33	<0.005	0.00577(BJ)	702	n/a	6.4	3.5	<50	<10	<1	<1	<1	<1	<5	<10	<1
LEACHATEBLDGA	downgradient																				
	3/6/2013	n/a	11	13.1	<0.001	260	0.041	11	8380	n/a	7.5	1100	45	<10	2.6	<1	<1	<1	<5	18	0.96
	9/11/2013	n/a	0.99	25.9	<0.005	480	0.033	0.21	11292	n/a	7.4	49.6	<50	<10	1.4	<1	<1	<1	<5	<15	<1
	3/5/2014	n/a	0.47(J)	9.3	<0.005	620	0.038	0.023(J)	11550	n/a	7.6	306	15(J)	<10	4	<1	<1	<1	<5	<15	<1
	10/9/2014	n/a	<5	26.9	<0.001	450	0.022	0.0062(J)	10480	n/a	7.9	62.6	<50	<10	3.4	<1	<1	<1	<5	<15	<1
	4/14/2015	n/a	n/a	20.7	n/a	n/a	n/a	n/a	5623	n/a	6.8	404	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/16/2015	n/a	91	n/a	<0.018	1300	0.028(J)	1	n/a	n/a	n/a	n/a	1600	<10	1.9	<1	<1	<1	<5	2800	3.5
	10/16/2015	n/a	7.42	25.5	<0.018	557	0.0273(J)	0.138(J)	1278	n/a	7.7	252	20.1(J)	<10	1.95	<1	<1	<1	<5	6.38(J)	<1
	4/13/2016	n/a	4.48(J)	n/a	<0.018	429	0.0217(J)	<0.225	n/a	n/a	n/a	n/a	10.3(J)	<10	2.33	<1	<1	<1	<5	<15	<1
	12/22/2016	n/a	6.53	13.3	<0.018	1710	0.0681	0.213(J)	1272	n/a	8.4	n/a	24.2(J)	<10	2.42	<1	<1	<1	<5	<15	0.421(BJ)
	6/15/2017	n/a	<5	7.28	<0.002	434	0.0176	0.031	110.2	n/a	7.2	27.9	2340(J)	<10	2.21	<1	<1	<1	<5	3380	<1
	12/1/2017	n/a	<5	14.3	<0.002	533	0.0276	0.0593(B)	1156	n/a	8.1	28.3	550	<50	<5	<5	<5	<5	<25	869	<5
	5/25/2018	n/a	<5	30.7	<0.002	555	0.0414	0.267	1205	n/a	7.5	864	1300	<10	2.08	<1	<1	<1	<5	1530	<1
	11/14/2018	n/a	<5	n/a	<0.002	781	0.0255	0.0168(J)	n/a	n/a	7.7	n/a	286	<10	1.95	<1	<1	<1	<5	777	<1
	5/8/2019	n/a	0.711(BJ)	26.1	<0.02	618	0.0233(J)	<0.25	1244	n/a	7.4	61.7	1160(J)	<10	2.32	<1	<1	<1	<5	1300	0.538(J)
	11/26/2019	n/a	<5	n/a	<0.01	589	0.0243	0.0312(J)	n/a	n/a	7.6	51.1	554	<50	2.33(J)	<5	<5	<5	<25	717	<5
	5/15/2020	n/a	3.82(J)	n/a	<0.002	567	0.0391	0.121	n/a	n/a	7.8	316	1330	<50	1.76(J)	<5	<5	<5	<25	1430	<5
	11/11/2020	n/a	<50	20.7	<0.018	390	0.0313(J)	0.124(BJ)	11095	n/a	7.6	155	491	<50	2.7(J)	<5	<5	<5	<25	381	<5
	5/14/2021	n/a	<50	n/a	<0.002	482	0.0277	0.0456	n/a	n/a	7.1	n/a	6620	<50	2.39(J)	<5	<5	<5	<25	7590	0.86(J)
	11/10/2021	n/a	12	n/a	<0.02	640	0.0264(J)	0.0731(J)	n/a	n/a	7.5	n/a	4390	<10	2.53	<1	<1	<1	<5	4040	2.77
	5/11/2022	n/a	1.02(J)	n/a	0.00106(BJ)	455	0.154	0.446	n/a	n/a	7.2	n/a	2470	<100	1.97(J)	<10	<10	<10	<50	2560	1.06(J)
	11/10/2022	n/a	<5	32.3	<0.01	376	0.0162(J)	0.0835(J)	7124	-27.3	8.2	41	757	<100	<10	<10	<10	<10	<50	763	<10
	5/9/2023	n/a	74.6(J)	26.9	0.000179(J)	377	0.0405	0.172	9247	-169.8	7.6	n/a	878	<10	1.46	<1	<1	<1	<5	863	0.696(J)
	11/10/2023	n/a	<500	20.8	<0.01	389	0.0294	0.0548(J)	9531	45.6	7.9	52.4	863	<100	1.95(J)	<10	<10	<10	<50	577	<10
	5/23/2024	n/a	22.2(J)	23.5	0.000546(J)	487	0.108	0.382	10408	n/a	7.8	1100	787	<10	2.21	<1	<1	<1	<5	1130	4.01
	11/25/2024	n/a	<100	20	<0.018	531	0.0343(J)	0.206(J)	10210	n/a	7.4	n/a	15900	<1000	<100	<100	<100	<100	<500	11600	16.5(J)
	5/16/2025	n/a	6.81(J)	n/a	<0.018	477	0.0414(J)	0.0693(J)	n/a	n/a	n/a	n/a	2480	<100	1.88(J)	<10	<10	<10	<50	2060	<10
LEACHATEBLDGB	downgradient																				
	3/6/2013	n/a	3.8	11.3	<0.001	40	0.022	0.55	2435	n/a	7	622	12	<10	<1	<1	<1	<1	<5	6.6	<1
	3/5/2014	n/a	4.6(J)	5.8	<0.001	43	0.0039	0.023	2750	n/a	7.5	77	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/9/2014	n/a	1.2(J)	28.4	<0.001	54	0.0011(J)	0.31	2768	n/a	7.5	99.1	<50	<10	0.33(J)	<1	<1	<1	<5	<15	<1
	4/14/2015	n/a	n/a	16.7	n/a	n/a	n/a	n/a	1887	n/a	6.9	885	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Sodium (mg/L)	Sulfate (mg/L)	Temperature (C)	Thallium (mg/L)	TOC [total organic carbon] (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Conductivity (umhos/cm)	ORP (mV)	pH (su)	Turbidity (NTU)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	2-Butanone [MEK] (ug/L)	Carbon disulfide (ug/L)
LEACHATEBLDGB	4/16/2015	n/a	4.2(J)	n/a	<0.002	95	0.0015(J)	0.43	n/a	n/a	n/a	n/a	5800	<10	<1	<1	<1	<1	<5	9200	<1
(cont.)	10/16/2015	n/a	1.67(J)	23.7	<0.002	56.8	0.00162(J)	0.0132(J)	3603	n/a	n/a	117	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/13/2016	n/a	1.6(J)	n/a	<0.002	46.1	0.00195(J)	0.06	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5	<15	<1
	12/22/2016	n/a	4.6(J)	8.4	<0.002	52.7	0.00467(J)	0.422	3052	n/a	8.3	637	<50	<10	<1	<1	<1	<1	<5	<15	0.765(BJ)
	6/15/2017	n/a	1.93(J)	33.94	<0.002	44.9	0.00128(J)	0.03	2798	n/a	6.6	95.8	<50	<10	0.758(J)	<1	<1	<1	<5	6.33(J)	<1
	12/1/2017	n/a	2.33(J)	n/a	<0.002	45.7	0.0125	0.371	n/a	n/a	8	n/a	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/25/2018	n/a	3.81(BJ)	29.4	n/a	40.4	0.00116(J)	n/a	2589	n/a	6.7	254	<50	<10	<1	<1	<1	<1	<5	<15	<1
	11/14/2018	n/a	2.36(J)	n/a	<0.002	101	0.00405(J)	0.0583	n/a	n/a	7.1	n/a	49.6(J)	<10	<1	<1	<1	<1	<5	47.5	<1
	11/26/2019	n/a	4.95(J)	n/a	<0.002	46.6	0.00298(J)	0.0386	n/a	n/a	7.5	70	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/15/2020	n/a	3.37(J)	n/a	<0.002	58.9	0.00591	0.0643	n/a	n/a	7.4	252	23.2(J)	<10	<1	<1	<1	<1	<5	3.82(J)	<1
	11/11/2020	n/a	24.9	18.3	<0.002	21.9	0.004(J)	0.185	1395	n/a	7.1	311	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/14/2021	n/a	3.76(J)	n/a	<0.002	42.1(B)	0.00142(J)	0.0269	n/a	n/a	7.3	n/a	<50	<10	0.097(J)	<1	<1	<1	<5	<10	<1
	11/10/2021	n/a	5.07	n/a	<0.002	37(B)	0.00239(J)	0.011(J)	n/a	n/a	7.4	n/a	<50	<10	<1	<1	<1	<1	<5	<10	0.0994(J)
	5/11/2022	n/a	13.3	n/a	<0.002	42.8(B)	0.00816(B)	0.224	n/a	n/a	7.2	n/a	<50	<10	<1	<1	<1	<1	<5	<10	<1
	11/10/2022	n/a	7.17	22.2	<0.002	44.8(B)	0.00209(J)	0.0248(J)	2169	15.2	7.6	71.7	<50	<10	<1	<1	<1	<1	<5	<10	<1
	5/9/2023	n/a	78(J)	27.2	0.000636(J)	62.5(B)	0.123	0.288	3612	28.5	7.5	807	<50	<10	0.211(J)	<1	<1	<1	<5	<10	<1
	11/10/2023	n/a	<50	19.4	<0.002	54.3(B)	0.00442(J)	0.0738	2811	128.4	7.9	65	<50	<10	<1	<1	<1	<1	<5	<10	0.11(J)
	5/23/2024	n/a	1.57(J)	24.5	<0.002	69.2	0.0249	0.113	3154	n/a	7.5	58.7	11.7(J)	<10	0.0942(J)	<1	<1	<1	<5	<10	<1
	11/25/2024	n/a	7.52(J)	17.1	<0.002	84.1	0.00448(J)	0.0325	3764	n/a	7.5	77	<50	<10	0.096(J)	<1	<1	<1	<5	<10	<1
	5/16/2025	n/a	<50	n/a	<0.002	13.2	0.00272(J)	0.0464	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5	6.69(J)	<1
LEACHATEBLDGC	downgradient																				
	9/11/2013	n/a	55	25.9	<0.001	34	0.005	0.008	2429	n/a	7.4	31.4	77	<10	<1	<1	<1	<1	<5	180	0.55
	3/5/2014	n/a	1.6(J)	7.4	<0.001	54	0.01	0.051	2479	n/a	7	70	170	<10	0.75(J)	<1	<1	<1	<5	250	0.31(J)
	10/9/2014	n/a	4.9(J)	28	<0.001	69	0.0023	0.012	2929	n/a	7.4	22.4	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/14/2015	n/a	n/a	18.6	n/a	n/a	n/a	n/a	2235	n/a	6.9	198	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/16/2015	n/a	8.6	n/a	<0.002	81	0.004(J)	0.0096(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5	<15	<1
	10/16/2015	n/a	4.02(J)	23.5	<0.002	63.6	0.00246(J)	0.00376(J)	3384	n/a	7.7	110	<50	<10	<1	<1	<1	<1	<5	<15	<1
	4/13/2016	n/a	4.66(J)	n/a	<0.002	50.2	0.002(J)	0.00413(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5	<15	<1
	12/22/2016	n/a	1.92(J)	9.35	<0.002	70.3	0.0116	0.0366	3861	n/a	8	n/a	<50	<10	1.11	<1	<1	<1	<5	<15	0.6(BJ)
	6/15/2017	n/a	4.63(J)	31.31	<0.002	61.5	0.0017(J)	0.0149(J)	3882	n/a	6.7	87.1	<50	<10	0.356(J)	<1	<1	<1	<5	<15	<1
	12/1/2017	n/a	2.01(J)	n/a	<0.002	76.4	0.00279(J)	0.0114(BJ)	n/a	n/a	7.9	n/a	<50	<10	<1	<1	<1	<1	<5	<15	<1
	5/25/2018	n/a	1.4(BJ)	28.2	<0.002	73.6	0.00175(J)	0.00283(BJ)	3995	n/a	7	110	18.3(J)	<10	0.543(J)	<1	<1	<1	<5	7.57(J)	<1
	11/14/2018	n/a	1.77(J)	n/a	<0.002	93	0.00294(J)	0.00491(J)	n/a	n/a	7	n/a	<50	<10	1.23	<1	<1	<1	<5	<15	<1
	5/8/2019	n/a	522	25.63	<0.01	3280	0.0191(J)	14.7	6294	n/a	5.6	129	2110(J)	<10	1.05	<1	<1	<1	<5	3510	2.08
	11/26/2019	n/a	28.8	n/a	<0.002	147(B)	0.0212	1.37	n/a	n/a	7.2	n/a	22.4(J)	<10	0.86(J)	<1	<1	<1	<5	8.43(J)	<1
	5/15/2020	n/a	0.994(J)	n/a	<0.002	228(B)	0.0223	0.163	n/a	n/a	7.6	256	24.6(J)	<10	0.17(J)	<1	<1	<1	<5	<10	<1
	11/11/2020	n/a	2.45(J)	18.8	<0.018	171	0.0263(J)	0.133(BJ)	6265	n/a	7.2	493	54.3	<10	1.99	<1	<1	<1	<5	<10	<1
	5/14/2021	n/a	<50	n/a	<0.002	182(B)	0.0211	0.0518	n/a	n/a	7.3	n/a	<250	<50	1.82(J)	<5	<5	<5	<25	<50	<5
	11/10/2021	n/a	2.85(J)	n/a	<0.02	206(B)	0.0212(J)	0.0637(J)	n/a	n/a	7.5	n/a	41.6(J)	<10	1.69	<1	<1	<1	<5	<10	<1
	5/11/2022	n/a	3.85(J)	n/a	<0.002	293(B)	0.0385	0.0487	n/a	n/a	7.6	n/a	198(J)	<50	1.7(J)	<5	<5	<5	<25	98.2	<5
	11/10/2022	n/a	35.6	20.8	<0.01	445(B)	0.0505	0.0305(J)	9210	18.5	7.6	65.6	<500	<100	1.85(J)	<10	<10	<10	<50	68.1(J)	<10
	5/9/2023	n/a	81.6(J)	31.4	0.000242(J)	791	0.049	0.0263	11146	-58.1	7.4	77.7	49.1(J)	<10	2.45	<1	<1	<1	<5	14	0.55(J)
	11/10/2023	n/a	<500	20.3	<0.01	291(B)	0.0343	0.0161(J)	6805	155	7.7	30.3	44.9(J)	<10	0.519(J)	<1	<1	<1	<5	38.3	<1
	5/23/2024	n/a	4.66(J)	26.4	<0.002	980	0.0436	0.257	5758	n/a	6.9	48.3	2990	<10	2.12	<1	<1	<1	<5	5560	1.11
	11/25/2024	n/a	<25	19.5	<0.018	389	0.0391(J)	<0.225	7584	n/a	7.1	140	500(J)	<10	3.24	<1	<1	<1	<5	328	0.615(J)
	5/16/2025	n/a	15.2(J)	n/a	<0.018	447	0.0434(J)	0.109(J)	n/a	n/a	n/a	n/a	<50	<10	1.57	<1	<1	<1	<5	<10	0.28(J)

B: analyte was detected in associated blank sample.
J: analyte was detected below the RDL; is an estimate.
O: value is a statistical outlier; not used in statistics.
R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-6	downgradient																				
	3/16/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	5/23/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	6/29/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	7/25/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/8/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	8/6/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/26/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	9/10/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
MW-6R	downgradient																				
	9/23/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/16/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/29/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/14/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/20/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/21/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/26/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/27/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/25/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	4/1/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/17/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/24/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	1.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/14/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/9/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/28/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.05	<0.2	<0.05	<1	<1	<0.07	<0.06	<0.2	<0.2	<0.5	<0.5	<0.5	<0.08	<0.05	<0.05
	3/15/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/20/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/6/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/19/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	4/1/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/18/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/17/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	10/7/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/16/2010	<0.5	<0.25	<0.5	<1	<0.5	1.43	<0.2	<0.05	<1	<2	0.26	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/13/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8	downgradient																				
	3/16/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	5/23/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	6/29/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	7/25/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/8/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	8/6/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/26/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	9/10/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	4/9/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/23/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-8	3/16/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
(cont.)	9/29/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/14/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/20/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/21/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/26/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/27/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/25/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	4/1/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/17/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/24/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	1.5	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/14/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/9/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/28/2005	<1	<0.5	<0.05	<0.5	<0.2	<0.35	<0.07	<0.06	<5	<0.2	<1	<0.2	<0.5	<0.5	<0.08	<0.05	<0.5	<0.05	<0.06	<0.6
	3/15/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/20/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/6/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/19/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	4/1/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/18/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/17/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	10/7/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/16/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	0.16	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/26/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/15/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9	downgradient																				
	3/16/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	5/23/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	6/29/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	7/25/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/8/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	8/6/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/26/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	9/10/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	4/9/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/23/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/16/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/29/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/14/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/20/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/21/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/26/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/27/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/25/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	4/1/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/17/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/24/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	1.4	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-9	9/14/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
(cont.)	3/9/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/28/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.05	<0.2	<0.05	<1	<1	<0.07	<0.06	<0.2	<0.2	<0.5	<0.5	<0.5	<0.08	<0.05	<0.05
	3/15/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/20/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/6/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/19/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	4/1/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/18/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/17/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	10/7/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/16/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
MW-9R	downgradient																				
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	12/30/2010	<1	<1	<1	<2	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/3/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/13/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/6/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/12/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/22/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/12/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9R2	downgradient																				
	9/28/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/30/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/9/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/3/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/13/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/13/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/26/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/12/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/5/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	10/9/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/22/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/12/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/29/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/25/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/13/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/7/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/26/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/15/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/11/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/13/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/11/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-9R2	11/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.342(J)	<1	<1	<1	<1	<1	<1	<1
(cont.)	5/9/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/22/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/21/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/15/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14	downgradient																				
	3/16/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	5/23/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	6/29/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	7/25/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/8/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	8/6/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/26/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	9/10/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	4/9/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/23/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/16/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/29/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/14/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/20/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/21/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/26/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/27/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/25/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	4/1/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/17/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/24/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	1.4	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
MW-14R	upgradient																				
	9/14/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/9/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/28/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.05	<0.2	<0.05	<1	<1	<0.07	<0.06	<0.2	<0.2	<0.5	<0.5	<0.5	<0.08	<0.05	<0.05
	3/15/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/20/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/6/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/19/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	4/1/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/18/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/17/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	10/7/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/16/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/9/2011	<1	<1	<5	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/13/2011	<1	<1	<5	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2012	<1	<1	<5	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	<1	<1	<5	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/10/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/4/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/6/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-14R	4/14/2015	<1	<1	<1	<5	<5(B)	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
(cont.)	10/14/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/12/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	8/2/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/13/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/29/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/23/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/12/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/6/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/25/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/13/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/12/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	7/28/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/8/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/6/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/8/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/21/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/19/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/7/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-16	downgradient																				
	3/16/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	5/23/1995	0.5	0.25	0.5	1	0.5	1	1	0.5	1	1	0.2	0.2	0.5	0.5	1	1	1	0.5	0.5	0.5
	6/29/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	7/25/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/8/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	8/6/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/26/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	9/10/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	4/9/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/23/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/16/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/29/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/14/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/20/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/21/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/26/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/27/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/25/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	4/1/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/17/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/24/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	1.4	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/14/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/9/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/28/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.05	<0.2	<0.05	<1	<1	<0.07	<0.06	<0.2	<0.2	<0.5	<0.5	<0.5	<0.08	<0.05	<0.05
	3/15/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-16	9/20/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
(cont.)	3/6/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/19/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	4/1/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/18/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/17/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	10/7/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/16/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
MW-16R	downgradient																				
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	12/30/2010	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/3/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/13/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/11/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/4/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/23/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/21/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/14/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/20/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/15/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/1/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/8/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/24/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/12/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/7/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/26/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/14/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/11/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/18/2021	<1	<1	<1	<5	0.3(J)	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/9/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	7/25/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/10/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/22/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/5/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/20/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/15/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17	downgradient																				
	3/16/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	5/23/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-17	6/29/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
(cont.)	7/25/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/8/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	8/6/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/26/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	9/10/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	4/9/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/23/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/16/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/29/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/14/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/20/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/21/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/26/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/27/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/25/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	4/1/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/17/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
MW-17R	upgradient																				
	9/14/2004	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/9/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/28/2005	<0.5	<0.25	<0.5	<1	<0.5	<0.05	<0.2	<0.05	<1	<1	<0.07	<0.06	<0.2	<0.2	<0.5	<0.5	<0.5	<0.08	<0.05	<0.05
	3/15/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/20/2006	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/6/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/19/2007	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	4/1/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/18/2008	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/17/2009	<0.5	<0.25	<0.5	<1	2.16	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	10/7/2009	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/16/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	3/9/2011	<1	<1	<5	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/13/2011	<1	<1	<5	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2012	<1	<1	<5	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	<1	<1	<5	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/11/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/21/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/14/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/12/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	8/2/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/14/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/29/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/23/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	8/20/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-17R	11/9/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
(cont.)	5/6/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	7/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/25/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/14/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/12/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/6/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/21/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	8/5/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/20/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/23/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18	downgradient																				
	3/16/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	5/23/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	6/29/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	7/25/1995	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/8/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	8/6/1996	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	2/26/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	9/10/1997	<0.5	<0.25	<0.5	<1	<0.5	<1	<1	<0.5	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.5	<0.5	<0.5
	4/9/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.5	<1	<1	<1	<0.2	<0.5	<0.5
	9/23/1998	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/16/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/29/1999	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/14/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/20/2000	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/21/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/26/2001	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	3/27/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/25/2002	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	4/1/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
	9/17/2003	<0.5	<0.25	<0.5	<1	<0.5	<0.5	<0.2	<0.05	<1	<1	<0.2	<0.2	<0.5	<0.2	<1	<1	<1	<0.2	<0.5	<0.5
MW-19	downgradient																				
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	12/30/2010	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/3/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/13/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/11/2013	<1	<1	<1	<5	0.76(J)	<2.5	<5	<1	1.8(R)	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/20/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-19	3/4/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
(cont.)	6/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/21/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/14/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	8/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/22/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/1/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/8/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/24/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/12/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/7/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/26/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/14/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/13/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/9/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/21/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/20/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/8/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20	downgradient																				
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	12/30/2010	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	0.256	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/3/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/13/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/6/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/12/2013	<1	<1	<1	<5	0.75(J)	<2.5	<5	<1	0.5(JR)	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/20/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/5/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.39(J)	<1	<1	<1	<1	<1	<1	<1
	6/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.54(J)	<1	<1	<1	<1	<1	<1	<1
	10/23/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.46(J)	<1	<1	<1	<1	<1	<1	<1
	4/21/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.76(J)	<1	<1	<1	<1	<1	<1	<1
	10/15/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.651(J)	<1	<1	<1	<1	<1	<1	<1
	4/13/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.431(J)	<1	<1	<1	<1	<1	<1	<1
	8/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.366(J)	<1	<1	<1	<1	<1	<1	<1
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/14/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.263(J)	<1	<1	<1	<1	<1	<1	<1
	10/5/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-20	12/1/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.639(J)	<1	<1	<1	<1	<1	<1	<1
(cont.)	5/24/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.475(J)	<1	<1	<1	<1	<1	<1	<1
	11/13/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.964(J)	<1	<1	<1	<1	<1	<1	<1
	1/29/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/7/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.502(J)	<1	<1	<1	<1	<1	<1	<1
	11/26/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.927(J)	<1	<1	<1	<1	<1	<1	<1
	5/14/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.323(J)	<1	<1	<1	<1	<1	<1	<1
MW-20R	downgradient																				
	5/13/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	1.96	<1	0.255(J)	<1	<1	<1	<1	<1
	7/28/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	1.79	<1	0.245(J)	<1	<1	<1	<1	<1
	1/11/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.91	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/11/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	1.95	<1	0.331(J)	<1	<1	<1	<1	<1
	11/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	1.42	<1	0.225(J)	<1	<1	<1	<1	<1
	5/8/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	2.3	<1	0.283(J)	<1	<1	<1	<1	<1
	11/10/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	1.44	<1	0.343(J)	<1	<1	<1	<1	<1
	5/22/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	2.15	<1	0.581(J)	<1	<1	<1	<1	<1
	11/20/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.688(J)	<1	<1	<1	<1	<1	<1	<1
	5/8/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	1.71	<1	0.482(J)	<1	<1	<1	<1	<1
MW-21	downgradient																				
	9/28/2010	<0.5	<0.25	<0.5	<1	<0.5	<0.2	<0.2	<0.05	<1	<2	<0.1	<0.1	<0.2	<0.2	<0.5	<0.5	<0.5	<0.18	<0.25	<0.25
	12/30/2010	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/9/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/3/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/13/2011	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/6/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	9/12/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/6/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/8/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/22/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/14/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/13/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/20/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/14/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/29/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.283(J)	<1	<1	<1	<1	<1	<1	<1
	5/24/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/13/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.299(J)	<1	<1	<1	<1	<1	<1	<1
	5/7/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/26/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/14/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.183(J)	<1	<1	<1	<1	<1	<1	<1
	5/14/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.164(J)	<1	<1	<1	<1	<1	<1	<1
	11/10/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.265(J)	<1	0.157(J)	<1	<1	<1	<1	<1
	5/11/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.169(J)	<1	0.133(J)	<1	<1	<1	<1	<1
	11/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.38(J)	<1	0.268(J)	<1	<1	<1	<1	<1
	5/8/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.29(J)	<1	0.248(J)	<1	<1	<1	<1	<1
	11/9/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.482(J)	<1	0.371(J)	<1	<1	<1	<1	<1
	1/31/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

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Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-21	5/22/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.247(J)	<1	0.298(J)	<1	<1	<1	<1	<1
(cont.)	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/22/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.46(J)	<1	0.505(J)	<1	<1	<1	<1	<1
	5/6/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.283(J)	<1	0.43(J)	<1	<1	<1	<1	<1
	7/29/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MW-22	upgradient																				
	11/28/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/8/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/23/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	8/20/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/29/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/6/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	7/23/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/25/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/13/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	0.754(J)	<1	<1
	8/3/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/12/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/8/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/11/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/9/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/6/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/8/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/21/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/19/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/23/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/7/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	7/29/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MW-23	downgradient																				
	9/25/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/22/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/12/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/6/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24	downgradient																				
	9/24/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/22/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/12/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/6/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25	downgradient																				
	9/24/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/25/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/6/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-26	downgradient																				
	9/24/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MW-26	11/21/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
(cont.)	3/13/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/15/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-27R	downgradient																				
	9/25/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.225(J)	<1	<1	<1	<1	<1	<1	<1
	11/21/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.296(J)	<1	<1	<1	<1	<1	<1	<1
	3/13/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.277(J)	<1	<1	<1	<1	<1	<1	<1
	5/15/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.312(J)	<1	<1	<1	<1	<1	<1	<1
MW-28	downgradient																				
	9/25/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/25/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.133(J)	<1	<1	<1	<1	<1	<1	<1
	5/16/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.129(J)	<1	<1	<1	<1	<1	<1	<1
MW-29	downgradient																				
	9/25/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/25/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/13/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/16/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
LEACHATEBLDGA	downgradient																				
	3/6/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	4.1	<1	<1	<1	<1	<1	<1	<1	<1
	9/11/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	2.4	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	6.2	0.32(J)	0.4(J)	<1	<1	<1	<1	<1	<1
	10/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	4.2	0.32(J)	<1	<1	<1	<1	<1	<1	<1
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	3.8	<1	<1	0.82(J)	<1	<1	<1	<1	<1
	10/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	3.47	<1	<1	<1	<1	<1	<1	<1	<1
	4/13/2016	<1	0.367(J)	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	4.78	<1	<1	<1	<1	<1	<1	<1	<1
	12/22/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	5.42	0.265(J)	<1	<1	<1	<1	<1	<1	<1
	6/15/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	3.95	<1	<1	<1	<1	<1	<1	<1	<1
	12/1/2017	<5	<5	<5	<25	<25	<12.5	<25	<5	<5	<12.5	<5	4.73(J)	<5	<5	<5	<5	<5	<5	<5	<5
	5/25/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/14/2018	<1	0.378(J)	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	3.98	<1	0.434(J)	0.467(J)	<1	<1	<1	<1	<1
	5/8/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	4.34	<1	<1	<1	<1	<1	<1	<1	<1
	11/26/2019	<5	<5	<5	<25	<25	<12.5	<25	<5	<5	<12.5	<5	6.85	<5	<5	<5	<5	<5	<5	<5	<5
	5/15/2020	<5	<5	<5	<25	<25	<12.5	<25	<5	<5	<12.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	11/11/2020	<5	<5	<5	<25	<25	<12.5	<25	<5	<5	<12.5	<5	4.61(J)	<5	<5	<5	<5	<5	<5	<5	<5
	5/14/2021	<5	<5	<5	<25	<25	<12.5	<25	<5	<5	<12.5	<5	4.91(J)	<5	2.33(J)	0.955(J)	<5	<5	<5	<5	<5
	11/10/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	5.82	<1	<1	<1	<1	<1	<1	<1	<1
	5/11/2022	<10	<10	<10	<50	<50	<25	<50	<10	<10	<25	<10	4.53(J)	<10	1.82(J)	<10	<10	<10	<10	<10	<10
	11/10/2022	<10	<10	<10	<50	<50	<25	<50	<10	<10	<25	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	5/9/2023	<1	<1	<1	<5	0.502(J)	<2.5	<5	<1	<1	<2.5	<1	3.55	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2023	<10	<10	<10	<50	<50	<25	<50	<10	<10	<25	<10	3.5(J)	<10	<10	<10	<10	<10	<10	<10	<10
	5/23/2024	<1	0.434(J)	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	6	<1	<1	0.735(J)	<1	<1	<1	<1	<1
	11/25/2024	<100	<100	<100	<500	<500	<250	<500	<100	<100	<250	<100	36.2(J)	<100	<100	<100	<100	<100	<100	<100	<100
	5/16/2025	<10	<10	<10	<50	<50	<25	<50	<10	<10	<25	<10	5.75(J)	<10	<10	<10	<10	<10	<10	<10	<10
LEACHATEBLDGB	downgradient																				
	3/6/2013	<1	<1	<1	0.49	<5	<2.5	<5	<1	<1	<2.5	<1	1.9	2.2	<1	1.3	<1	<1	<1	<1	<1
	3/5/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	2.6	2.3	<1	1.4	<1	<1	<1	<1	<1
	10/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	2	1.7	<1	0.59(J)	<1	<1	<1	<1	<1
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.
J: analyte was detected below the RDL; is an estimate.
O: value is a statistical outlier; not used in statistics.
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Sample ID	Date	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorodibromomethane (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	Dibromomethane (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloropropene (ug/L)	trans-1,3-Dichloropropene (ug/L)
LEACHATEBLDGB	4/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	2	1.8	<1	1.3	<1	<1	<1	<1	<1
(cont.)	10/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	2.3	1.1	<1	<1	<1	<1	<1	<1	<1
	4/13/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	4.2	1.46	<1	0.708(J)	<1	<1	<1	<1	<1
	12/22/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	3.62	0.863(J)	<1	<1	<1	<1	<1	<1	<1
	6/15/2017	<1	0.357(J)	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	4.91	1.38	<1	0.934(J)	<1	<1	<1	<1	<1
	12/1/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	4.06	0.758(J)	<1	0.371(J)	<1	<1	<1	<1	<1
	5/25/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	1.29	<1	<1	<1	<1	<1	<1	<1
	11/14/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	6.03	1.86	<1	<1	<1	<1	<1	<1	<1
	11/26/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	2.76	0.533(J)	<1	<1	<1	<1	<1	<1	<1
	5/15/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.651(J)	<1	<1	<1	<1	<1	<1	<1
	11/11/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	1.84	0.492(J)	<1	<1	<1	<1	<1	<1	<1
	5/14/2021	<1	0.138(J)	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	2.77	0.724(J)	<1	0.625(J)	<1	<1	<1	<1	<1
	11/10/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	0.365(J)	<1	<1	<1	<1	<1	<1	<1
	5/11/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	1.55	0.434(J)	<1	0.328(J)	<1	<1	<1	<1	<1
	11/10/2022	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	1.3	0.307(J)	<1	<1	<1	<1	<1	<1	<1
	5/9/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	0.655(J)	<1	<1	<1	<1	<1	<1	<1	<1
	11/10/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	0.877(J)	0.242(J)	<1	<1	<1	<1	<1	<1	<1
	5/23/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	1.66	<1	<1	<1	<1	<1	<1	<1	<1
	11/25/2024	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	0.878(J)	<1	<1	<1	<1	<1	<1	<1	<1
	5/16/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	1.26	0.146(J)	<1	0.205(J)	<1	<1	<1	<1	<1
LEACHATEBLDGC	downgradient																				
	9/11/2013	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	3/5/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	0.47(J)	<1	<1	<1	<1	<1
	10/9/2014	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/16/2015	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/13/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/22/2016	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/15/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/1/2017	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	5/25/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/14/2018	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	0.413(J)	<1	0.362(J)	<1	<1	<1	<1	<1	<1
	5/8/2019	<1	<1	<1	<5	<5	2.39(J)	<5	<1	<1	<2.5	<1	<1	0.407(J)	11.2	<1	1.31	<1	<1	<1	<1
	11/26/2019	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	0.298(J)	<1	<1	<1	<1	<1	<1	<1	<1
	5/15/2020	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/11/2020	<1	<1	<1	0.473(J)	<5	<2.5	<5	<1	<1	<2.5	<1	2.8	<1	<1	<1	0.733(J)	<1	<1	<1	<1
	5/14/2021	<5	<5	<5	<25	<25	<12.5	<25	<5	<5	<12.5	<5	1.5(J)	<5	1.03(J)	<5	<5	<5	<5	<5	<5
	11/10/2021	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	0.719(J)	<1	0.387(J)	<1	0.663(J)	<1	<1	<1	<1
	5/11/2022	<5	<5	<5	<25	<25	<12.5	<25	<5	<5	<12.5	<5	<5	<5	0.672(J)	<5	<5	<5	<5	<5	<5
	11/10/2022	<10	<10	<10	<50	<50	<25	<50	<10	<10	<25	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	5/9/2023	<1	<1	<1	0.724(J)	<5	<2.5	<5	<1	<1	<2.5	<1	0.715(J)	<1	<1	<1	0.212(J)	<1	<1	<1	<1
	11/10/2023	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	0.295(J)	<1	1.31	0.606(J)	0.303(J)	<1	0.246(J)	<1	<1
	5/23/2024	<1	0.167(J)	<1	1.92(J)	<5	<2.5	<5	<1	<1	<2.5	<1	1.5	0.797(J)	3.6	1.12	0.484(J)	<1	0.226(J)	<1	<1
	11/25/2024	<1	0.328(J)	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	1.33	0.243(J)	0.995(J)	<1	0.45(J)	<1	0.261(J)	<1	<1
	5/16/2025	<1	<1	<1	<5	<5	<2.5	<5	<1	<1	<2.5	<1	0.691(J)	<1	0.743(J)	0.609(J)	0.504(J)	<1	0.163(J)	<1	<1

B: analyte was detected in associated blank sample.
J: analyte was detected below the RDL; is an estimate.
O: value is a statistical outlier; not used in statistics.
R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-6	downgradient																		
	3/16/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	5/23/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	6/29/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	7/25/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/8/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	8/6/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/26/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/10/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
MW-6R	downgradient																		
	9/23/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/16/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/29/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/14/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/20/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/21/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/26/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/27/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/25/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/1/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/17/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/24/2004	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/14/2004	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	3/9/2005	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	9/28/2005	<0.06	<0.6	<0.5	<0.26	<0.35	<0.03	<0.08	<0.1	<5E-05	<0.05	<0.07	<0.03	<5E-05	<0.05	<0.11	<0.16	<0.04	<0.2
	3/15/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/20/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/6/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/19/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	4/1/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/18/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/17/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	10/7/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/16/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	0.12	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/13/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/5/2014	0.73	<10	<10	<10	<5	<1	<1	<1	0.001(R)	<5	<1	<1	<0.001	<5	<2.5	<10	<1	5.8(R)
	6/9/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-8	downgradient																		
	3/16/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	5/23/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	6/29/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	7/25/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/8/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	8/6/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/26/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/10/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/9/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/23/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-8	3/16/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
(cont.)	9/29/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/14/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/20/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/21/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/26/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/27/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/25/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/1/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/17/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/24/2004	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/14/2004	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	3/9/2005	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	9/28/2005	<0.2	<0.05	<0.03	<0.08	<0.5	<0.1	<0.05	<0.05	<7E-05	<0.03	<0.05	<0.05	<0.00011	<0.16	<0.04	<0.2	<1	n/a
	3/15/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/20/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/6/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/19/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	4/1/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/18/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/17/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	10/7/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/16/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/5/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	10/16/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	6/15/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-9	downgradient																		
	3/16/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	5/23/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	6/29/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	7/25/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/8/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	8/6/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/26/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/10/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/9/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/23/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/16/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/29/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/14/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/20/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/21/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/26/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/27/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/25/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/1/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/17/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/24/2004	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-9	9/14/2004	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
(cont.)	3/9/2005	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	9/28/2005	<0.06	<0.6	<0.5	<0.26	<0.35	<0.03	<0.08	<0.1	<5E-05	<0.05	<0.07	<0.03	<5E-05	<0.05	<0.11	<0.16	<0.04	<0.2
	3/15/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/20/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/6/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/19/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	4/1/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/18/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/17/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	10/7/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/16/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
MW-9R	downgradient																		
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	12/30/2010	<1	<1	<10	<1	<1	<1	<1	<1	<0.001	0.214	<1	<1	<0.001	<1	<1	<10	<1	<1
	3/9/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	6/3/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/13/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	0.32	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/13/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/6/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	9/12/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/5/2014	0.39(J)	<10	<10	<10	<5	<1	<1	<1	0.00044(J)	<5	<1	<1	<0.001	<5	<2.5	<10	<1	3(J)
	10/9/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/22/2015	<1	<10	<10	<10	1.5(J)	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/12/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-9R2	downgradient																		
	9/28/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/30/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/9/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/3/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/13/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/13/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/26/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/12/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/5/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	10/9/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/22/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/12/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/29/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/25/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/13/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/7/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/26/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/15/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/11/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/13/2021	<1	<10	<10	<10	<5	<1	<1	<1	0.000321(J)	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2021	<1	<10	<10	<10	<5	<1	<1	<1	0.000347(J)	<1	<1	<1	<0.001	<5	<2.5	<0.01	<1	<3
	5/11/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-9R2	11/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
(cont.)	5/9/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/22/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/21/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/15/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-14	downgradient																		
	3/16/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	5/23/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	6/29/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	7/25/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/8/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	8/6/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/26/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/10/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/9/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/23/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/16/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/29/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/14/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/20/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/21/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/26/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/27/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/25/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/1/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/17/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/24/2004	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
MW-14R	upgradient																		
	9/14/2004	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	3/9/2005	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	9/28/2005	<0.06	<0.6	<0.5	<0.26	<0.35	<0.03	<0.08	<0.1	<5E-05	<0.05	<0.07	<0.03	<5E-05	<0.05	<0.11	<0.16	<0.04	<0.2
	3/15/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/20/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/6/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/19/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	4/1/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/18/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/17/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	10/7/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/16/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/9/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/13/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/13/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/5/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	9/10/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/4/2014	<1	<10	<10	<10	<5	<1	<1	<1	0.00063(J)	<5	<1	<1	<0.001	<5	<2.5	<10	<1	3(J)
	10/6/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-14R	4/14/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
(cont.)	10/14/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/12/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/2/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	6/13/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/29/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/23/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/12/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/6/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/25/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/13/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/12/2021	<1	<10	<10	<10	<5	<1	<1	<1	0.0013	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	7/28/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.000665(J)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/8/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<0.01	<1	<3
	5/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	2/6/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/8/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/21/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/19/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/7/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-16	downgradient																		
	3/16/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	5/23/1995	0.2	1	0.5	5	0.1	0.2	1	0.2	0.001	0.1	0.1	0.5	0.0005	1	0.2	5	1	0.6
	6/29/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	7/25/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/8/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	8/6/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/26/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/10/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/9/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/23/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/16/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/29/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/14/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/20/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/21/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/26/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/27/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/25/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/1/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/17/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/24/2004	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/14/2004	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	3/9/2005	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	9/28/2005	<0.06	<0.6	<0.5	<0.26	<0.35	<0.03	<0.08	<0.1	<5E-05	<0.05	<0.07	<0.03	<5E-05	<0.05	<0.11	<0.16	<0.04	<0.2
	3/15/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-16	9/20/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
(cont.)	3/6/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/19/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	4/1/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/18/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/17/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	10/7/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/16/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
MW-16R	downgradient																		
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	12/30/2010	<1	<1	<10	<1	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<1	<1	<10	<1	<1
	3/9/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	6/3/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/13/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/13/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/5/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	9/11/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/4/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	1.3(J)
	10/23/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/21/2015	<1	<10	<10	<10	1.5(J)	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	10/16/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/14/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	12/20/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	6/15/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	12/1/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/8/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/24/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/12/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/7/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/26/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/14/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/11/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/18/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<0.01	<1	<3
	5/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/9/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	7/25/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/10/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	1/31/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/22/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/5/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/20/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/15/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-17	downgradient																		
	3/16/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	5/23/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-17	6/29/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
(cont.)	7/25/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/8/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	8/6/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/26/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/10/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/9/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/23/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/16/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/29/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/14/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/20/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/21/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/26/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/27/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/25/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/1/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/17/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
MW-17R	upgradient																		
	9/14/2004	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	3/9/2005	<0.3	<5	<0.5	<5	<4	<0.2	<1	<0.2	<0.0005	<1	<1	<0.5	<0.0005	<0.5	<0.2	<5	<0.6	<1
	9/28/2005	<0.06	<0.6	<0.5	<0.26	<0.35	<0.03	<0.08	<0.1	<5E-05	<0.05	<0.07	<0.03	<5E-05	<0.05	<0.11	<0.16	<0.04	<0.2
	3/15/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/20/2006	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/6/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/19/2007	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	4/1/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/18/2008	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/17/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	10/7/2009	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/16/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	3/9/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/13/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/13/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/5/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	9/11/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/5/2014	<1	<10	<10	<10	<5	<1	<1	<1	0.00046(J)	<5	<1	<1	<0.001	<5	<2.5	<10	<1	2.3(J)
	10/9/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/21/2015	<1	<10	<10	<10	1.6(J)	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	10/14/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/12/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/2/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/14/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/29/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/23/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/20/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-17R	11/9/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
(cont.)	5/6/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	7/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/25/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/14/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/12/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	2/6/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/21/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/5/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/20/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	1/23/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-18	downgradient																		
	3/16/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	5/23/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	6/29/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	7/25/1995	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/8/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	8/6/1996	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	2/26/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/10/1997	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.001	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/9/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/23/1998	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/16/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/29/1999	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/14/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/20/2000	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/21/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/26/2001	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	3/27/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/25/2002	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	4/1/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
	9/17/2003	<0.2	<1	<0.5	<5	<0.1	<0.2	<1	<0.2	<0.0005	<0.1	<0.1	<0.5	<0.0005	<1	<0.2	<5	<1	<0.6
MW-19	downgradient																		
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	12/30/2010	<1	<1	<10	<1	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<1	<1	<10	<1	<1
	3/9/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	6/3/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/13/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/13/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/5/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	9/11/2013	<1	<10	<10	<10	1.1(J)	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/20/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-19	3/4/2014	0.4(J)	<10	<10	<10	<5	<1	<1	<1	0.00061(J)	<5	<1	<1	<0.001	<5	<2.5	<10	<1	3.4
(cont.)	6/9/2014	0.45(J)	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	2.1(J)
	10/9/2014	<1	<10	<10	<10	<5	0.45(J)	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/21/2015	<1	<10	<10	<10	1.7(J)	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	10/16/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	2/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/14/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/22/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	12/1/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/8/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/24/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/12/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/7/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/26/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/14/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/13/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/9/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/21/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/20/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/8/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-20	downgradient																		
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	12/30/2010	<1	<1	<10	<1	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<1	<1	<10	<1	<1
	3/9/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	6/3/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/13/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/13/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/6/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	9/12/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/20/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/5/2014	0.5(J)	<10	<10	<10	<5	<1	<1	<1	0.00057(J)	<5	<1	<1	<0.001	<5	<2.5	<10	<1	4.2(R)
	6/9/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	10/23/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/21/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	10/15/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/13/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/3/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/20/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/12/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/14/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.29(J)	<3
	10/5/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.
J: analyte was detected below the RDL; is an estimate.
O: value is a statistical outlier; not used in statistics.
R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-20	12/1/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
(cont.)	5/24/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/13/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.35(J)	<3
	1/29/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/7/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/26/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/14/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-20R	downgradient																		
	5/13/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.281(J)	<3
	7/28/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<0.01	<1	<3
	1/11/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/11/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.261(J)	<3
	11/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/8/2023	<1	<10	<10	<10	<5	0.308(J)	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/22/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/20/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/8/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-21	downgradient																		
	9/28/2010	<0.1	<0.6	<0.5	<1.8	<0.35	<0.2	<0.25	<0.1	<0.00025	<0.25	<0.5	<0.5	<0.00025	<0.4	<0.42	<2.4	<0.5	<0.2
	12/30/2010	<1	<1	<10	<1	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<1	<1	<10	<1	<1
	3/9/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	6/3/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/13/2011	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/13/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	9/26/2012	<1	<5	<5	<5	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<5	<1	<3
	3/6/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	9/12/2013	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/6/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	0.45(J)	2(J)
	10/8/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/22/2015	<1	<10	<10	<10	1.8(J)	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	10/14/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/13/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	12/20/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	6/14/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.324(J)	<3
	11/29/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.398(J)	<3
	5/24/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.412(J)	<3
	11/13/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/7/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/26/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/14/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/14/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<0.01	<1	<3
	5/11/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.416(J)	<3
	11/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/8/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.339(J)	<3
	1/31/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

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Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-21	5/22/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
(cont.)	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/22/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/6/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	7/29/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MW-22	upgradient																		
	11/28/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/8/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/23/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/20/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	1/29/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/6/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	7/23/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/25/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/13/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/3/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/12/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/8/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<0.01	<1	<3
	1/11/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/9/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	2/6/2023	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/8/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/8/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/21/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	8/2/2024	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/19/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	1/23/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	5/7/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	7/29/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MW-23	downgradient																		
	9/25/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/22/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/12/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/6/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-24	downgradient																		
	9/24/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/22/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/12/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/6/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-25	downgradient																		
	9/24/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/25/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/13/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/6/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-26	downgradient																		
	9/24/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3

B: analyte was detected in associated blank sample.
J: analyte was detected below the RDL; is an estimate.
O: value is a statistical outlier; not used in statistics.
R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
MW-26	11/21/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
(cont.)	3/13/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/15/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-27R	downgradient																		
	9/25/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/21/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/13/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/15/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-28	downgradient																		
	9/25/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/25/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/13/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/16/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
MW-29	downgradient																		
	9/25/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/25/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/13/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/16/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.314(J)	<3
LEACHATEBLDGA	downgradient																		
	3/6/2013	2.5	<10	<10	2.4	<5	0.93	<1	<1	<0.001	11	<1	<1	<0.001	<5	<2.5	<10	0.64	27
	9/11/2013	2.1	<10	<10	2.8	<5	<1	<1	<1	<0.001	1.6	<1	<1	<0.001	<5	<2.5	<10	<1	12
	3/5/2014	13	<10	<10	<10	<5	0.51(J)	<1	<1	<0.001	4.8(J)	<1	<1	<0.001	<5	<2.5	<10	0.98(J)	29
	10/9/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	3.3(J)	<1	<1	<0.001	<5	<2.5	<10	0.76(J)	24
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/16/2015	9.1	43	<10	23	<5	0.48(J)	<1	<1	<0.001	25	<1	<1	<0.001	<5	<2.5	<10	0.45(J)	19
	10/16/2015	1.49	<10	<10	<10	<5	<1	<1	<1	<0.001	4.61(J)	<1	<1	<0.001	<5	<2.5	<10	0.532(J)	17.6
	4/13/2016	1.02	<10	<10	3.91(J)	<5	<1	<1	<1	<0.001	10.2	<1	<1	<0.001	<5	<2.5	<10	0.566(J)	23.2
	12/22/2016	3.14	<10	<10	3.68(J)	<5	0.64(J)	<1	<1	<0.001	6.46	<1	<1	<0.001	<5	<2.5	<10	0.571(J)	20.7
	6/15/2017	8.99	<10	<10	74.1	<5	1.04	<1	<1	<0.001	9.21	<1	<1	<0.001	<5	<2.5	<10	0.529(J)	16.6
	12/1/2017	9.05	<50	<50	27.7(J)	<25	<5	<5	<5	<0.005	8.78	<5	<5	<0.005	<25	<12.5	<50	<5	15.6
	5/25/2018	9.89	6.31(J)	<10	46.5	<5	1.04	<1	<1	<0.001	8.01	<1	<1	<0.001	<5	<2.5	<10	<1	15.2
	11/14/2018	7.2	<10	<10	28.8	<5	0.698(J)	<1	<1	<0.001	5.57	<1	<1	<0.001	<5	<2.5	<10	0.399(J)	10.4
	5/8/2019	12.4	8.1(J)	<10	54.4	<5	0.982(J)	<1	<1	<0.001	8.73	<1	<1	<0.001	<5	<2.5	<10	0.36(J)	17.2
	11/26/2019	13.9	<50	<50	28.4(J)	<25	<5	<5	<5	<0.005	11.7	<5	<5	<0.005	<25	<12.5	<50	<5	19
	5/15/2020	6.8	6.43(J)	<50	53.3	<25	0.664(J)	<5	<5	<0.005	7.44	<5	<5	<0.005	<25	<12.5	<50	<5	11.5(J)
	11/11/2020	12.8	<50	<50	16.8(J)	<25	<5	<5	<5	<0.005	11.1	<5	<5	<0.005	<25	<12.5	<50	<5	16.5
	5/14/2021	12.5	14(J)	<50	128	<25	2.78(J)	<5	<5	<0.005	17.9	<5	<5	<0.005	<25	<12.5	<50	<5	23.5
	11/10/2021	16.8	15.4	<10	101	<5	2.71	<1	<1	<0.001	18.8	<1	<1	<0.001	<5	<2.5	<0.01	<1	23.4
	5/11/2022	12	8.11(J)	<100	58.7(J)	<50	1.74(J)	<10	<10	<0.01	16.5	<10	<10	<0.01	<50	<25	<100	<10	21.6(J)
	11/10/2022	4.31(J)	<100	<100	22.3(J)	<50	<10	<10	<10	<0.01	10.3	<10	<10	<0.01	<50	<25	<100	<10	6.8(J)
	5/9/2023	6.99	3.01(J)	<10	17.9	<5	0.773(J)	<1	<1	<0.001	7.82	<1	<1	<0.001	<5	<2.5	<10	<1	15.2
	11/10/2023	6.51(J)	<100	<100	21.8(J)	<50	<10	<10	<10	<0.01	6.64(J)	<10	<10	<0.01	<50	<25	<100	<10	9.4(J)
	5/23/2024	14.7	8.61(J)	<10	60	<5	0.561(J)	<1	<1	<0.001	10.7	<1	<1	<0.001	<5	<2.5	<10	<1	22.3
	11/25/2024	38.3(J)	<1000	<1000	274(J)	<500	<100	<100	<100	<0.1	<100	<100	<100	<0.1	<500	<250	<1000	<100	75.7(J)
	5/16/2025	8.25(J)	9.04(J)	<100	48.8(J)	<50	<10	<10	<10	<0.01	9.06(J)	<10	<10	<0.01	<50	<25	<100	<10	16.9(J)
LEACHATEBLDGB	downgradient																		
	3/6/2013	<1	<10	<10	<10	1.4	<1	<1	<1	<0.001	<5	<1	<1	0.0007	<5	<2.5	<10	<1	2.3
	3/5/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	0.00081(J)	<5	<2.5	<10	<1	1.4(J)
	10/9/2014	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	1.2(J)
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

Sample ID	Date	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Iodomethane (ug/L)	4-Methyl-2-pentanone [MIBK] (ug/L)	Methylene chloride (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethene (mg/l)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethene (mg/l)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Xylenes, total (ug/L)
LEACHATEBLDGB	4/16/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	0.00056(J)	<5	<2.5	<10	<1	<3
(cont.)	10/16/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/13/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	1.23(J)
	12/22/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	6/15/2017	0.53(J)	<10	<10	<10	<5	<1	<1	<1	<0.001	0.414(J)	<1	<1	<0.001	<5	<2.5	<10	0.374(J)	2.14(J)
	12/1/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/25/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.475(J)	<3
	11/14/2018	<1	<10	<10	3(J)	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.701(J)	<3
	11/26/2019	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	2.07(J)
	5/15/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/11/2020	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/14/2021	0.147(J)	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	0.000195(J,	<5	<2.5	1.31(J)	<1	0.584(J)
	11/10/2021	<1	<10	<10	1.03(J)	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<0.01	<1	0.736(J)
	5/11/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2022	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/9/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/10/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	5/23/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	11/25/2024	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	0.181(J)
	5/16/2025	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	0.379(J)
LEACHATEBLDGC	downgradient																		
	9/11/2013	0.55	<10	<10	36	<5	<1	<1	<1	<0.001	58	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	3/5/2014	3.2	<10	<10	17	<5	<1	<1	<1	<0.001	320	<1	<1	<0.001	<5	<2.5	<10	3.6	2.7(J)
	10/9/2014	<1	<10	<10	2.4(J)	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	1.9	<3
	4/14/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/16/2015	<1	<10	<10	2.8(J)	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	1.7	<3
	10/16/2015	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	<1	<3
	4/13/2016	<1	<10	<10	3.04(J)	<5	<1	<1	<1	<0.001	<5	<1	<1	<0.001	<5	<2.5	<10	2.8	1.14(J)
	12/22/2016	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	1.66	5.23
	6/15/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	1.38(J)
	12/1/2017	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	0.48(J)	<3
	5/25/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	0.975(J)	<1	<1	<0.001	<5	<2.5	<10	<1	2.2(J)
	11/14/2018	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	4.28
	5/8/2019	3.6	<10	<10	34	56.9	19	<1	<1	0.000628(J)	37	<1	<1	0.000682(J,	<5	<2.5	<10	<1	8.45
	11/26/2019	0.405(J)	<10	<10	<10	<5	<1	<1	<1	<0.001	4.18	<1	<1	<0.001	<5	<2.5	<10	<1	9.38
	5/15/2020	<1	1.64(J)	<10	<10	<5	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	6.28
	11/11/2020	<1	1.36(J)	<10	<10	<5	<1	<1	<1	<0.001	0.974(J)	<1	<1	<0.001	<5	<2.5	<10	0.33(J)	22.9
	5/14/2021	<5	<50	<50	8.67(J)	<25	<5	<5	<5	<0.005	<5	<5	<5	<0.005	<25	<12.5	<50	<5	8.2(J)
	11/10/2021	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	0.292(J)	<1	<1	<0.001	<5	<2.5	<10	0.3(J)	14.8
	5/11/2022	<5	<50	<50	6.76(J)	<25	<5	<5	<5	<0.005	<5	<5	<5	<0.005	<25	<12.5	<50	<5	11.2(J)
	11/10/2022	8.87(J)	<100	<100	<100	<50	<10	<10	<10	<0.01	<10	<10	<10	<0.01	<50	<25	<100	<10	8.02(J)
	5/9/2023	<1	<10	<10	<10	<5	<1	<1	<1	<0.001	1.84	<1	<1	<0.001	<5	<2.5	<10	0.758(J)	15.4
	11/10/2023	<1	1.6(J)	<10	3.5(J)	0.56(J)	<1	<1	<1	<0.001	<1	<1	<1	<0.001	<5	<2.5	<10	<1	6.71
	5/23/2024	12.2	15.6	<10	33.1	8.79	33.9	<1	<1	<0.001	232	<1	<1	0.000371(J,	<5	<2.5	<10	1.19	13.3
	11/25/2024	7.9	2.07(J)	<10	15.5	0.749(J)	0.662(J)	<1	<1	<0.001	16.5	<1	<1	<0.001	<5	<2.5	<10	<1	12.3
	5/16/2025	<1	1.1(J)	<10	6.54(J)	0.465(J)	<1	<1	<1	<0.001	2.31	<1	<1	<0.001	<5	<2.5	<10	0.504(J)	11.7

B: analyte was detected in associated blank sample.
J: analyte was detected below the RDL; is an estimate.
O: value is a statistical outlier; not used in statistics.
R: value was rejected due to suspected error; not used in statistics.

APPENDIX D
BACKGROUND DATA SETS USED FOR STATISTICS

BACKGROUND DATA SETS

Background data sets are evaluated and updated every 2 to 3 years, as recommended in EPA's *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities: Unified Guidance* (Unified Guidance). Background data sets were evaluated and updated, if applicable, prior to the first half of 2023 monitoring period for all well-parameter pairs except the data sets for MW-20R, which did not have enough compliance data to perform a background evaluation. The following general approach was used in accordance with the Unified Guidance recommendations:

- Background data sets for compliance wells were evaluated with the intrawell Mann-Whitney (Wilcoxon Rank-Sum) test and Mann-Kendall/Theil-Sen trend line.
- Updated background data sets were screened for extreme statistical outliers.
- Updated background data sets were screened for statistically significant trends.

Statistical plots showing the results of the trend test evaluation for well-parameter pairs with updated background data sets are included in this appendix. The updated date ranges for background data sets are also included in this appendix. If a background data set could not be established that did not exhibit a statistically significant trend, then the well-parameter pair will be evaluated going forward with a Mann-Kendall test and Theil-Sen trend line as opposed to an intrawell prediction limit test. These well-parameter pairs are summarized in Table D.1.

Statistical outliers that are flagged with an "O" in the historical database and excluded from background data sets are shown in Table D.2. Data that are flagged with an "R" (for rejected), and the rationale for excluding the data from statistical analysis, are also shown in Table D.2.

Table D.1. Well-parameter pairs under formal trend testing.

Parameter	Well
Chromium	MW-21
Sulfate	MW-14R

Table D.2. Data excluded from statistical analysis.

Well	Date	Analyte	Value (mg/L)	Flag	Reason
MW-9R2	6/3/2011	TOC	64	O	Statistically high compared to data set.
MW-9R2	9/13/2011	Chloride	12.0	O	Statistically high compared to data set.
MW-9R2	3/6/2013	Chloride	0.240	O	Statistically low compared to data set.
MW-9R2	3/6/2013	Chromium	0.0920	R	Turbidity of 307 NTUs during sampling.
MW-9R2	3/6/2013	Iron	8.10	R	Turbidity of 307 NTUs during sampling.
MW-9R2	3/6/2013	Lead	0.0100	R	Turbidity of 307 NTUs during sampling.
MW-9R2	3/6/2013	Nickel	0.0520	R	Turbidity of 307 NTUs during sampling.
MW-9R2	9/12/2013	Copper	0.250	R	Turbidity of 59 NTUs during sampling.
MW-9R2	9/12/2013	Lead	0.00850	R	Turbidity of 59 NTUs during sampling.
MW-9R2	9/12/2013	Zinc	0.0660	R	Turbidity of 59 NTUs during sampling.
MW-14R	11/9/2022	Arsenic	0.00502	R	Turbidity of 54.5 NTUs during sampling.
MW-14R	11/9/2022	Barium	0.343	R	Turbidity of 54.5 NTUs during sampling.
MW-14R	11/9/2022	Iron	21.0	R	Turbidity of 54.5 NTUs during sampling.
MW-14R	11/9/2022	Manganese	0.680	R	Turbidity of 54.5 NTUs during sampling.
MW-14R	3/15/2006	TOC	19.0	R	Value is suspect and appears to be an error.
MW-14R	11/9/2022	Arsenic	0.00502	R	Turbidity of 54.5 NTUs during sampling.
MW-14R	11/9/2022	Barium	0.343	R	Turbidity of 54.5 NTUs during sampling.
MW-14R	11/9/2022	Iron	21.1	R	Turbidity of 54.5 NTUs during sampling.
MW-14R	11/9/2022	Manganese	0.680	R	Turbidity of 54.5 NTUs during sampling.
MW-16R	9/28/2010	Chloride	12.9	O	Statistically high compared to data set.
MW-16R	6/3/2011	TOC	46.0	O	Statistically high compared to data set.
MW-16R	3/5/2013	Beryllium	0.00120	R	Turbidity of 846 NTUs during sampling.
MW-16R	3/5/2013	Chromium	0.160	R	Turbidity of 846 NTUs during sampling.
MW-16R	3/5/2013	Cobalt	0.00860	R	Turbidity of 846 NTUs during sampling.
MW-16R	3/5/2013	Copper	0.0390	R	Turbidity of 846 NTUs during sampling.
MW-16R	3/5/2013	Iron	11.0	R	Turbidity of 846 NTUs during sampling.
MW-16R	3/5/2013	Lead	0.0240	R	Turbidity of 846 NTUs during sampling.
MW-16R	3/5/2013	Nickel	0.140	R	Turbidity of 846 NTUs during sampling.
MW-16R	3/5/2013	TOC	3.10	O	Statistically low compared to data set.
MW-16R	3/5/2013	Vanadium	0.0230	R	Turbidity of 846 NTUs during sampling.
MW-16R	9/11/2013	Copper	0.240	O	Statistically high compared to data set.
MW-16R	9/11/2013	Iron	5.50	O	Statistically high compared to data set.
MW-16R	10/23/2014	TOC	52.0	O	Statistically high compared to data set.
MW-17R	3/9/2005	Barium	<0.0100	O	Statistically low compared to data set.
MW-17R	9/28/2005	TOC	3.59	O	Statistically high compared to data set.

Table D.2. Data excluded from statistical analysis (continued).

Well	Date	Analyte	Value (mg/L)	Flag	Reason
MW-17R	3/15/2006	Barium	0.0266	O	Statistically low compared to data set.
MW-17R	9/20/2006	Barium	0.0274	O	Statistically low compared to data set.
MW-17R	3/6/2007	Barium	0.0360	O	Statistically low compared to data set.
MW-17R	9/19/2007	Manganese	<0.0150	O	Statistically low compared to data set; reporting limits have increased.
MW-17R	4/1/2008	Chromium	0.0152	R	Turbidity of 30.6 NTUs during sampling.
MW-17R	4/1/2008	Manganese	<0.0150	O	Statistically low compared to data set; reporting limits have increased.
MW-17R	3/17/2009	Chromium	0.0114	R	Turbidity of 52 NTUs during sampling.
MW-17R	3/9/2011	Manganese	0.420	O	Statistically high compared to data set.
MW-17R	3/13/2012	Chromium	0.0210	R	Turbidity of 23.2 NTUs during sampling.
MW-17R	9/11/2013	Chromium	0.440	R	Turbidity of 86 NTUs during sampling.
MW-17R	9/11/2013	Copper	0.0160	R	Turbidity of 86 NTUs during sampling.
MW-17R	9/11/2013	Iron	5.80	R	Turbidity of 86 NTUs during sampling.
MW-17R	9/11/2013	Manganese	0.150	O	Statistically high compared to data set.
MW-17R	9/11/2013	Nickel	0.380	R	Turbidity of 86 NTUs during sampling.
MW-19	6/3/2011	TOC	9.10	O	Statistically high compared to data set.
MW-19	3/5/2013	Chromium	0.470	R	Turbidity of 141 NTUs during sampling.
MW-19	3/5/2013	Nickel	0.290	R	Turbidity of 141 NTUs during sampling.
MW-19	9/11/2013	Arsenic	0.0150	O	Statistically high compared to data set.
MW-19	9/11/2013	Bromo-chloromethane	0.00180	R	Resample on 11/20/2013 disconfirmed detection.
MW-19	9/11/2013	Copper	0.330	O	Statistically high compared to data set.
MW-19	9/11/2013	Dibromomethane	0.00180	R	Resample on 11/20/2013 disconfirmed detection.
MW-21	6/3/2011	TOC	73.0	O	Statistically high compared to data set.
MW-21	9/13/2011	TOC	4.00	O	Statistically high compared to data set.
MW-21	3/6/2013	Lead	0.00570	R	Turbidity of 126 NTUs during sampling.
MW-21	9/12/2013	Copper	0.0590	O	Statistically high compared to data set.
MW-21	9/12/2013	Sulfate	200	O	Statistically high compared to data set.
MW-22	11/9/2022	Arsenic	0.00766	R	Turbidity of 9.3 NTUs during sampling.
MW-22	11/9/2022	Barium	0.0785	R	Turbidity of 9.3 NTUs during sampling.
MW-22	11/9/2022	Iron	3.16	R	Turbidity of 9.3 NTUs during sampling.

Background Data Sets

Date Ranges

Date: 5/11/2023 2:05 PM

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Antimony (mg/L)
- MW-9R2 background:5/23/2018-2/6/2023
- MW-14R background:3/16/1995-2/6/2023
- MW-16R background:5/23/2018-2/6/2023
- MW-17R background:3/16/1995-2/6/2023
- MW-19 background:5/23/2018-2/6/2023
- MW-21 background:5/23/2018-2/6/2023
- MW-22 background:8/20/2018-2/6/2023

Arsenic (mg/L)
- MW-9R2 background:3/16/1995-2/6/2023
- MW-14R background:3/16/1995-2/6/2023
- MW-16R background:3/16/1995-2/6/2023
- MW-17R background:3/16/1995-2/6/2023
- MW-19 background:3/16/1995-2/6/2023
- MW-21 background:3/16/1995-2/6/2023
- MW-22 background:3/16/1995-2/6/2023

Barium (mg/L)
- MW-9R2 background:3/16/1995-5/8/2019
- MW-14R background:9/19/2007-2/6/2023
- MW-16R background:3/16/1995-4/14/2016
- MW-17R background:3/16/1995-12/1/2017
- MW-19 background:3/16/1995-5/11/2022
- MW-21 background:3/16/1995-2/6/2023
- MW-22 background:3/16/1995-2/6/2023

Beryllium (mg/L)
- MW-9R2 background:10/6/2014-2/6/2023
- MW-14R background:10/6/2014-2/6/2023
- MW-16R background:10/6/2014-2/6/2023
- MW-17R background:10/6/2014-2/6/2023
- MW-19 background:10/6/2014-2/6/2023
- MW-21 background:10/6/2014-2/6/2023
- MW-22 background:3/16/1995-2/6/2023

Cadmium (mg/L)
- MW-9R2 background:10/6/2014-2/6/2023
- MW-14R background:10/6/2014-2/6/2023
- MW-16R background:10/6/2014-2/6/2023
- MW-17R background:10/6/2014-2/6/2023
- MW-19 background:10/6/2014-2/6/2023
- MW-21 background:10/6/2014-2/6/2023
- MW-22 background:3/16/1995-2/6/2023

Chloride (mg/L)
- MW-9R2 background:3/16/1995-11/11/2020
- MW-14R background:3/16/2010-2/6/2023
- MW-16R background:3/16/1995-5/18/2021
- MW-17R background:9/18/2008-2/6/2023
- MW-19 background:3/16/1995-5/18/2021
- MW-21 background:3/16/1995-2/6/2023
- MW-22 background:3/16/1995-2/6/2023

Chromium (mg/L)
- MW-9R2 background:3/16/1995-2/6/2023
- MW-14R background:3/16/1995-2/6/2023
- MW-16R background:3/16/1995-2/6/2023
- MW-17R background:3/16/1995-2/6/2023
- MW-19 background:3/16/1995-2/6/2023
- MW-21 background:3/16/1995-2/6/2023
- MW-22 background:3/16/1995-2/6/2023

Cobalt (mg/L)
- MW-9R2 background:3/16/1995-2/6/2023
- MW-14R background:9/19/2007-11/11/2020
- MW-16R background:10/6/2014-2/6/2023
- MW-17R background:9/19/2007-2/6/2023
- MW-19 background:3/16/1995-2/6/2023
- MW-21 background:3/16/1995-2/6/2023
- MW-22 background:3/16/1995-2/6/2023

Copper (mg/L)
- MW-9R2 background:3/16/1995-2/6/2023
- MW-14R background:3/16/1995-2/6/2023
- MW-16R background:3/5/2013-2/6/2023
- MW-17R background:3/4/2014-2/6/2023
- MW-19 background:3/16/1995-2/6/2023

Date Ranges

Date: 5/11/2023 2:05 PM

Legacy Landfill Client: CCSWDA Data: Craighead County LF

MW-21 background:3/5/2013-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Dissolved solids (mg/L)
MW-9R2 background:3/16/1995-11/14/2018
MW-14R background:3/16/1995-5/11/2022
MW-16R background:3/16/1995-2/6/2023
MW-17R background:3/16/1995-11/11/2020
MW-19 background:3/16/1995-5/11/2022
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Iron (mg/L)
MW-9R2 background:3/16/1995-11/14/2018
MW-14R background:3/16/1995-3/16/2010
MW-16R background:3/16/1995-4/22/2015
MW-17R background:3/16/1995-10/16/2015
MW-19 background:3/16/1995-11/10/2021
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Lead (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/5/2013-2/6/2023
MW-17R background:3/13/2012-2/6/2023
MW-19 background:3/13/2012-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Manganese (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/16/1995-2/6/2023
MW-17R background:9/18/2008-11/10/2021
MW-19 background:3/16/1995-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Nickel (mg/L)
MW-9R2 background:3/4/2014-2/6/2023
MW-14R background:3/4/2014-2/6/2023
MW-16R background:4/14/2015-2/6/2023
MW-17R background:10/6/2014-2/6/2023
MW-19 background:2/3/2016-2/6/2023
MW-21 background:4/12/2016-2/6/2023
MW-22 background:3/16/1995-2/6/2023

pH (su)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/16/1995-2/6/2023
MW-17R background:3/16/1995-2/6/2023
MW-19 background:3/16/1995-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Selenium (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/16/1995-2/6/2023
MW-17R background:3/16/1995-2/6/2023
MW-19 background:3/16/1995-2/6/2023
MW-21 background:10/6/2014-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Silver (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/5/2013-2/6/2023
MW-17R background:3/16/1995-2/6/2023
MW-19 background:3/16/1995-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Sulfate (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-11/26/2019
MW-16R background:3/16/1995-5/25/2018

Date Ranges

Date: 5/11/2023 2:05 PM

Legacy Landfill Client: CCSWDA Data: Craighead County LF

MW-17R background:9/18/2008-2/6/2023
MW-19 background:3/16/1995-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Thallium (mg/L)
MW-9R2 background:10/6/2014-2/6/2023
MW-14R background:10/6/2014-2/6/2023
MW-16R background:10/6/2014-2/6/2023
MW-17R background:10/6/2014-2/6/2023
MW-19 background:10/6/2014-2/6/2023
MW-21 background:10/6/2014-2/6/2023
MW-22 background:3/16/1995-2/6/2023

TOC [total organic carbon] (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/16/1995-2/6/2023
MW-17R background:3/16/1995-2/6/2023
MW-19 background:3/16/1995-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

Vanadium (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/16/1995-2/6/2023
MW-17R background:3/16/1995-2/6/2023
MW-19 background:3/16/1995-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

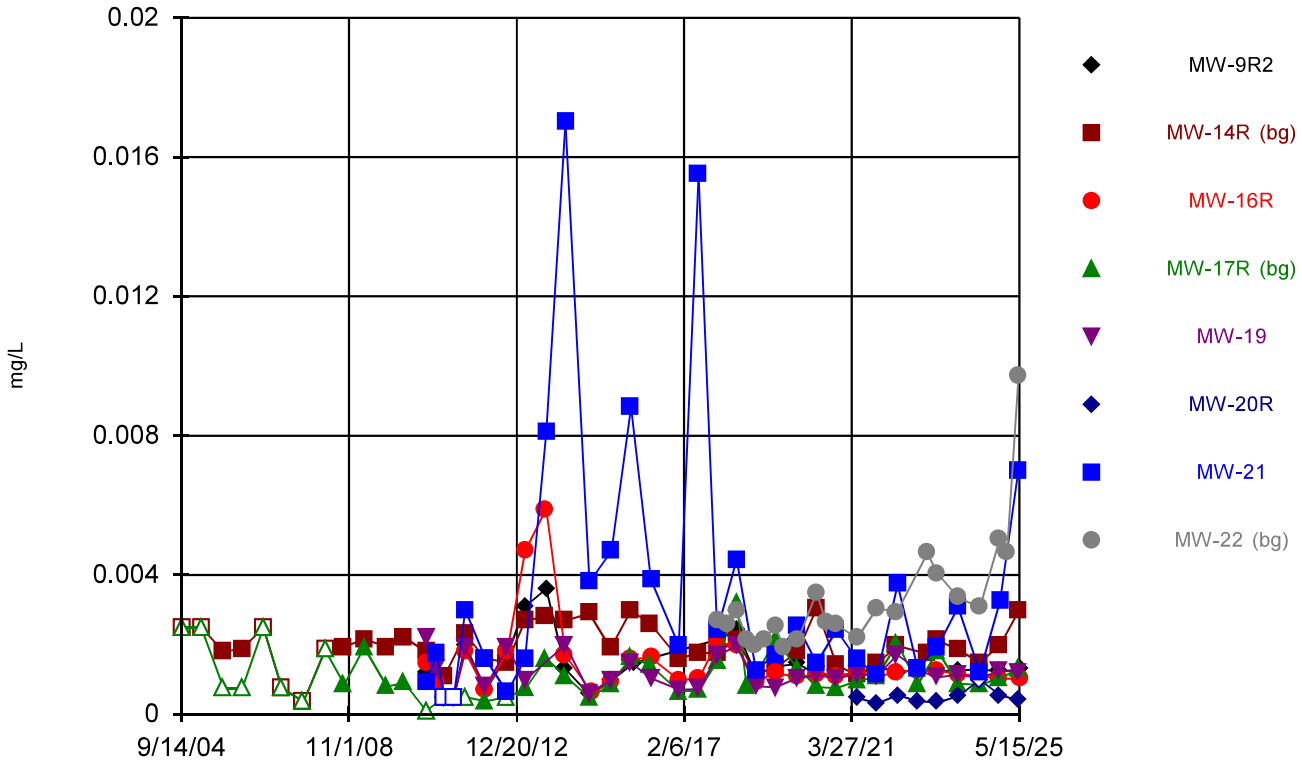
Zinc (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/16/1995-2/6/2023
MW-17R background:3/16/1995-2/6/2023
MW-19 background:3/16/1995-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

APPENDIX E
DISTRIBUTIONAL PLOTS

TIME-SERIES PLOTS

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Hollow symbols indicate censored values.

Time Series

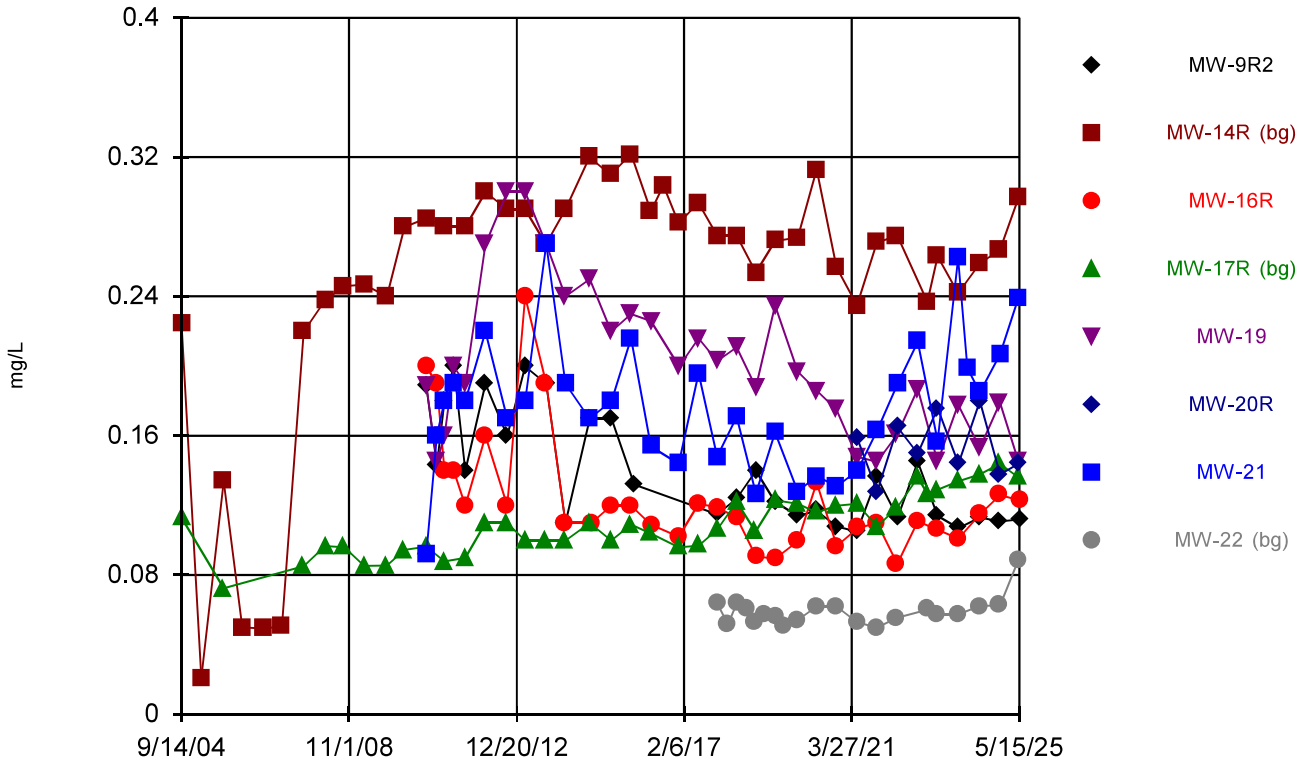


Constituent: Arsenic Analysis Run 6/4/2025 2:23 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.0.26 Software licensed to FTN Associates. UG

Time Series

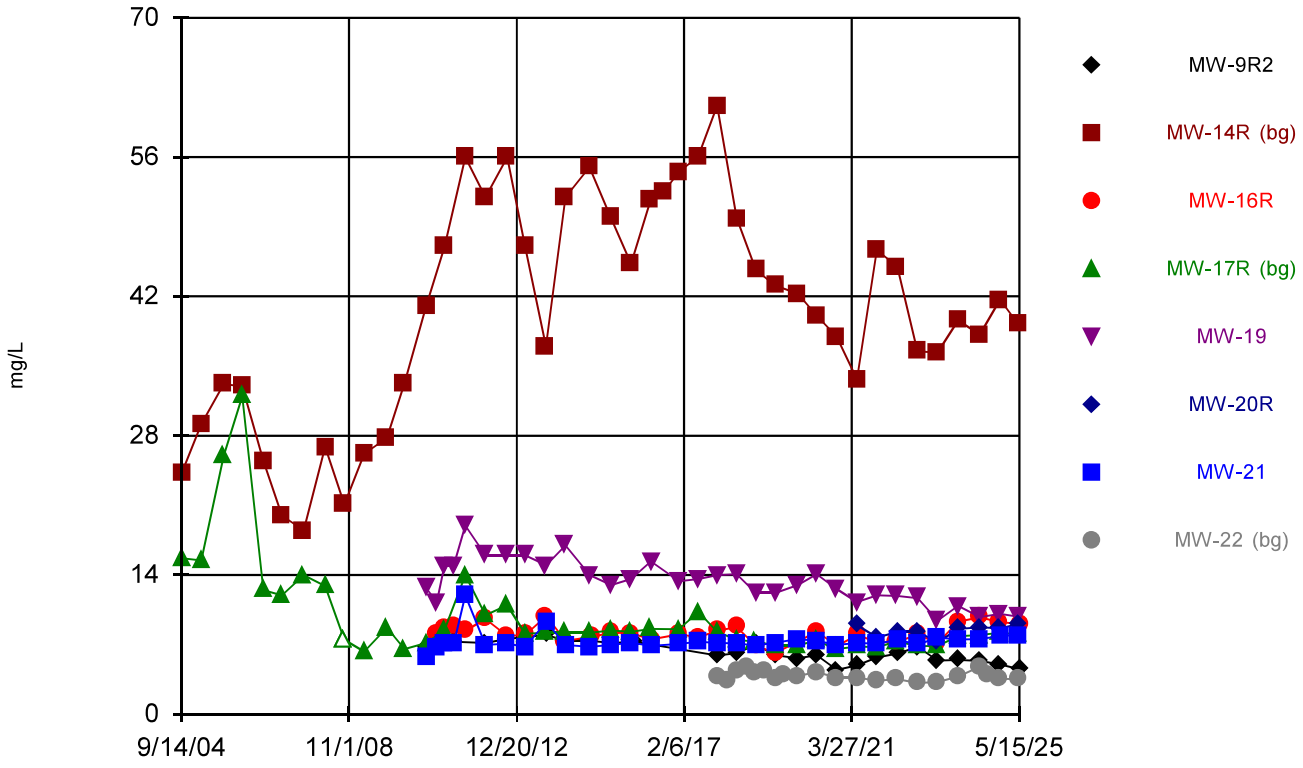


Constituent: Barium Analysis Run 6/4/2025 2:24 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.0.26 Software licensed to FTN Associates. UG
Hollow symbols indicate censored values.

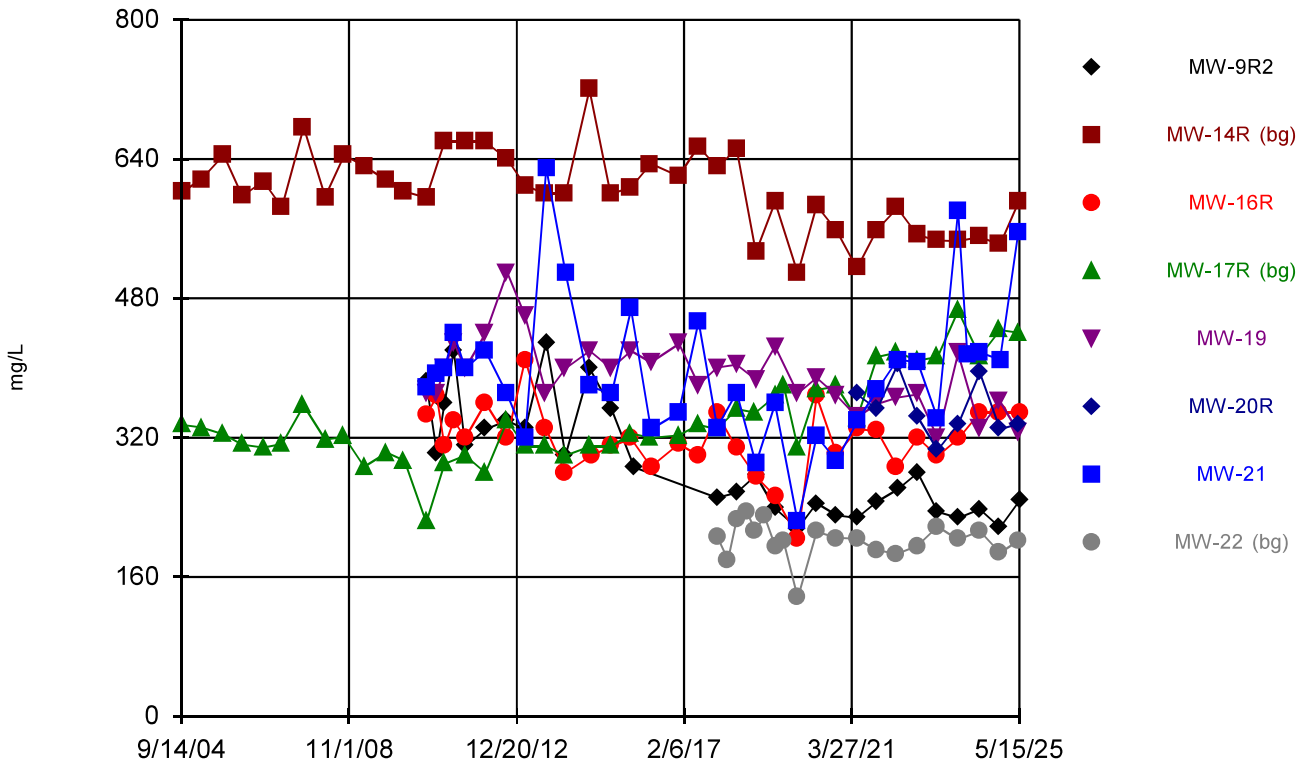
Time Series



Constituent: Chloride Analysis Run 6/4/2025 2:24 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.0.26 Software licensed to FTN Associates. UG

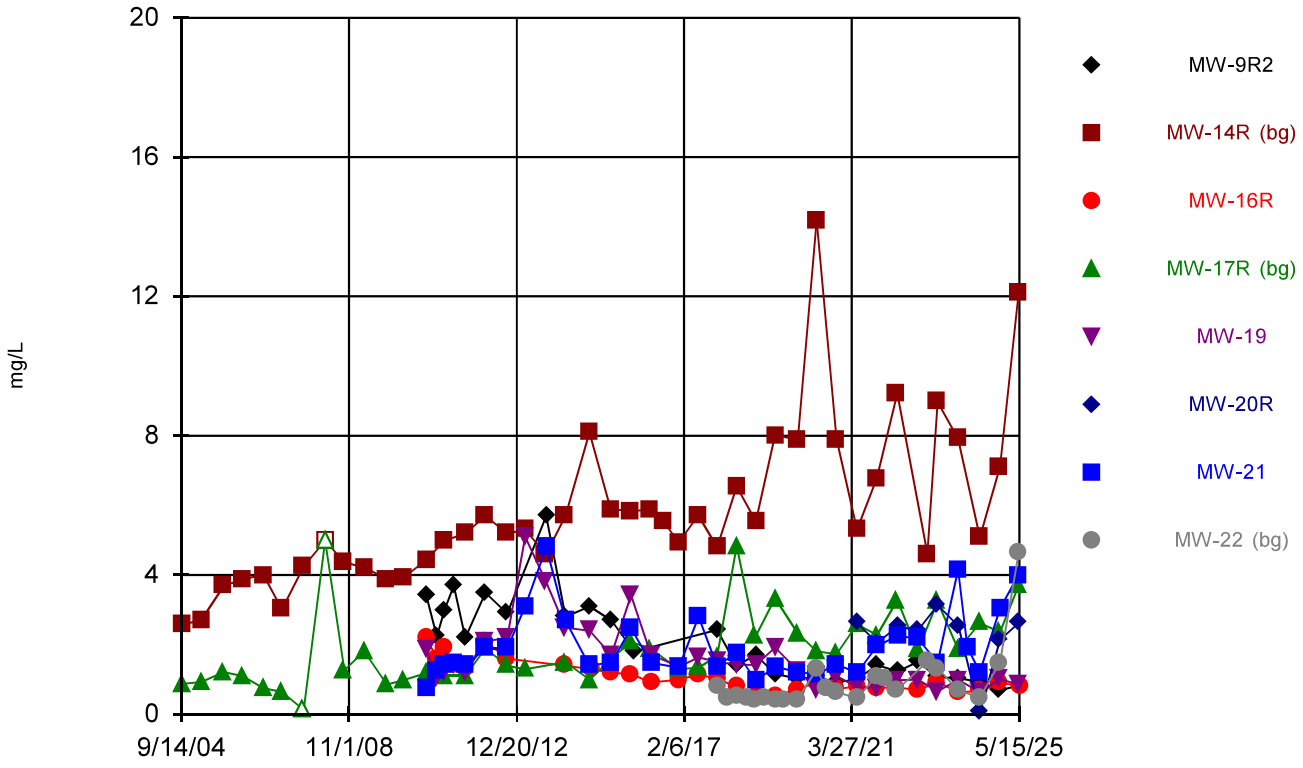
Time Series



Constituent: Dissolved solids Analysis Run 6/4/2025 2:24 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Hollow symbols indicate censored values.

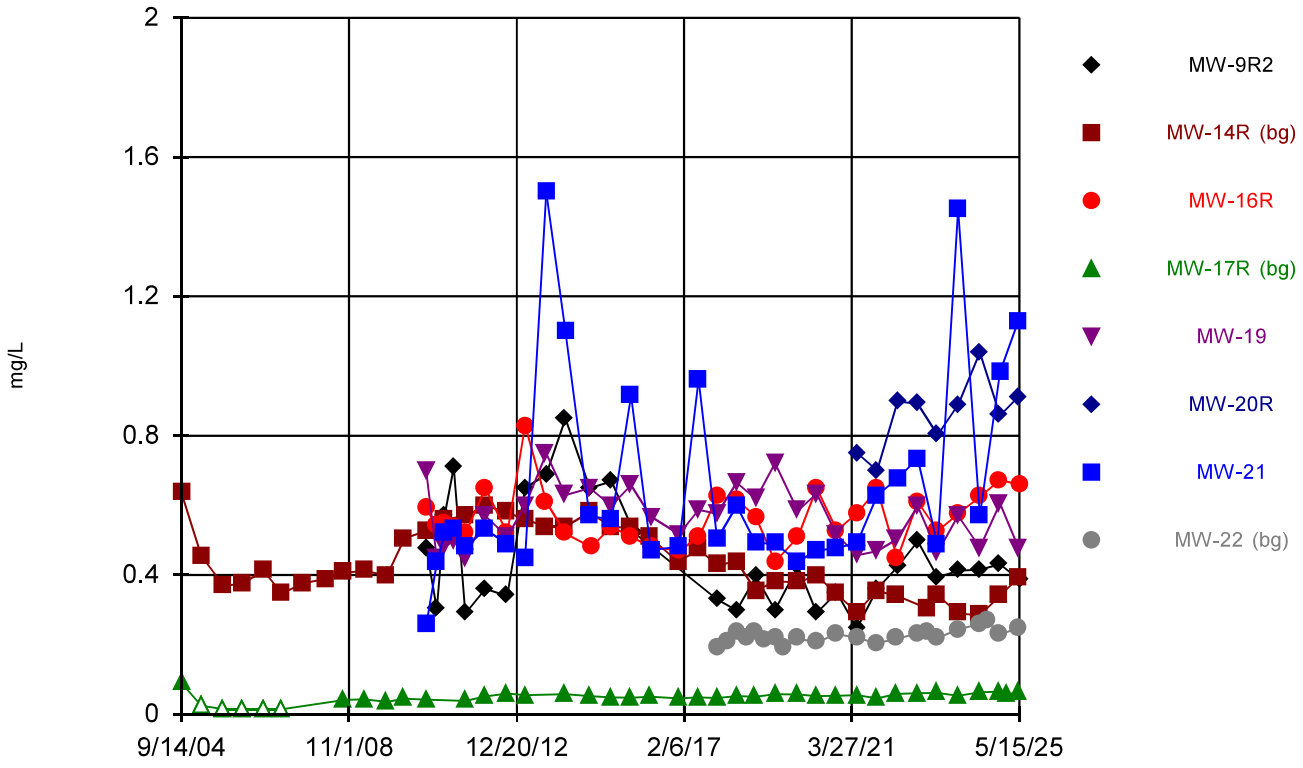
Time Series



Constituent: Iron Analysis Run 6/4/2025 2:24 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Hollow symbols indicate censored values.

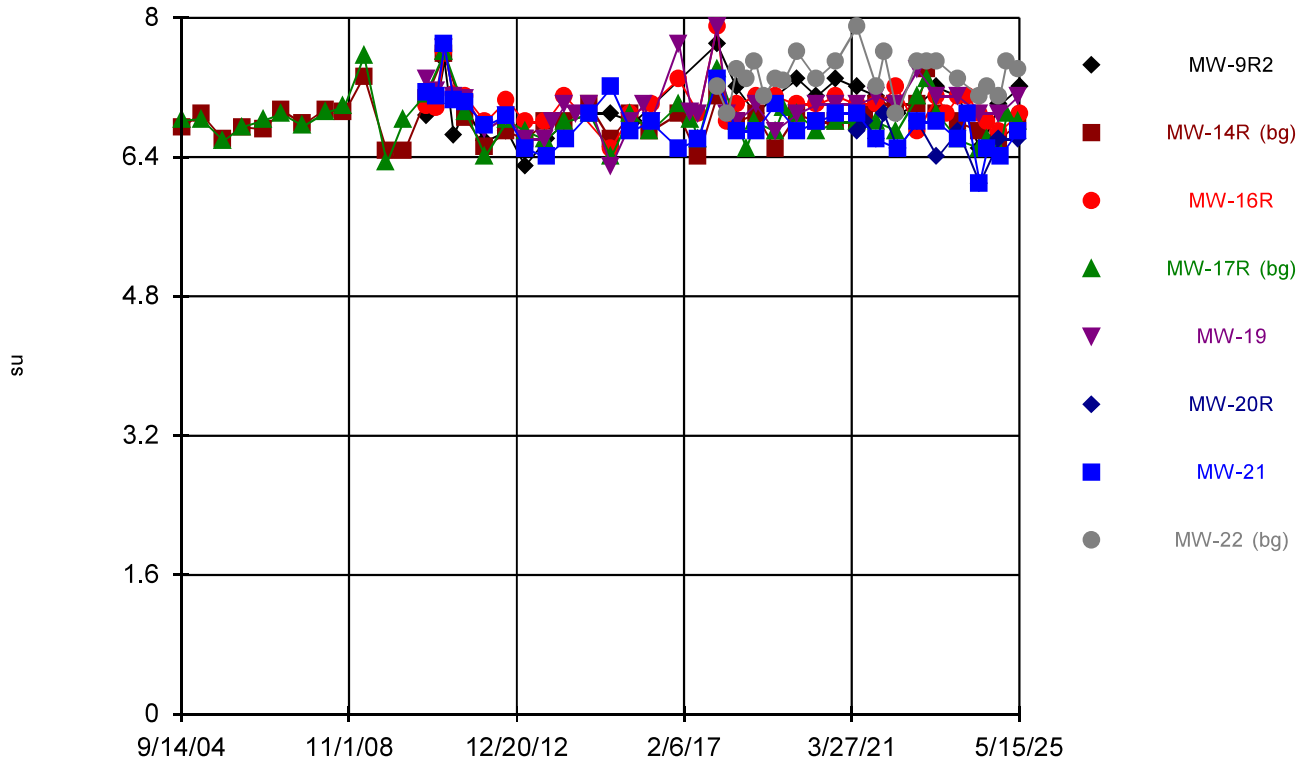
Time Series



Constituent: Manganese Analysis Run 6/4/2025 2:24 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Time Series

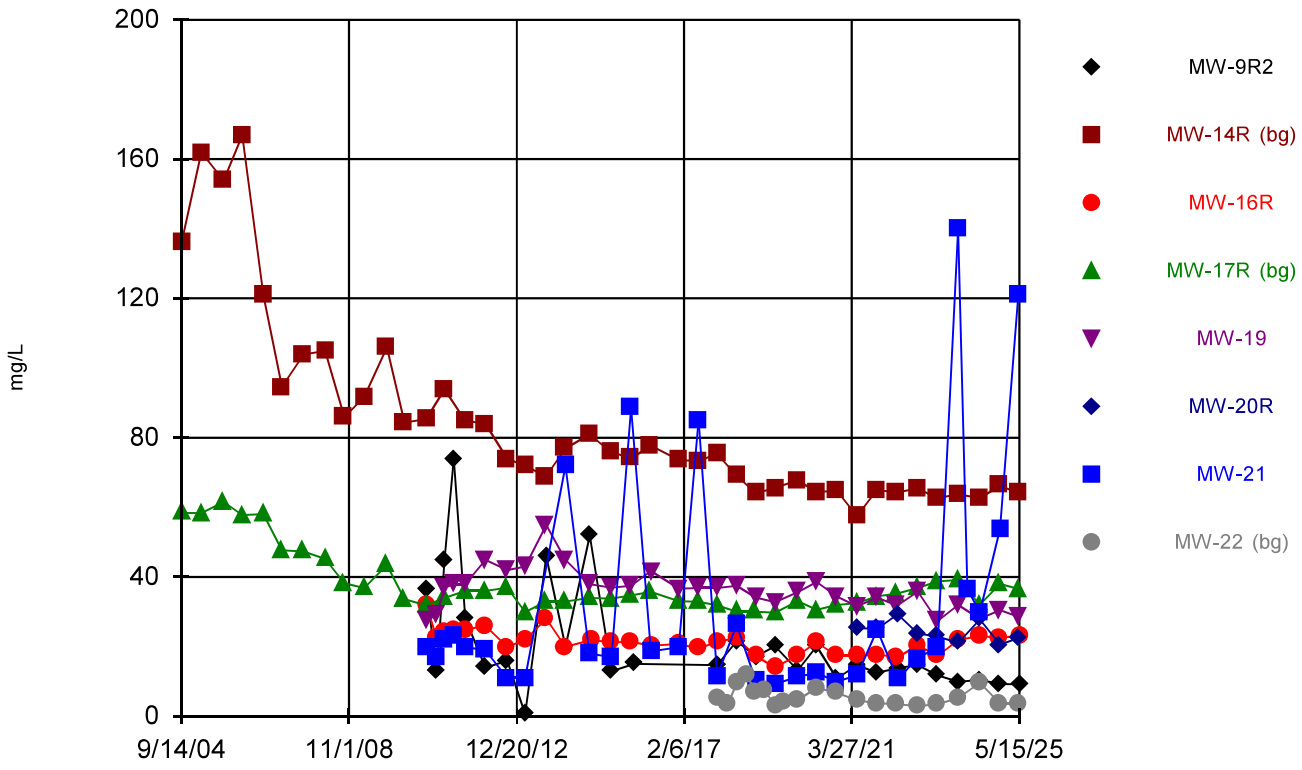


Constituent: pH Analysis Run 6/4/2025 2:24 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Time Series

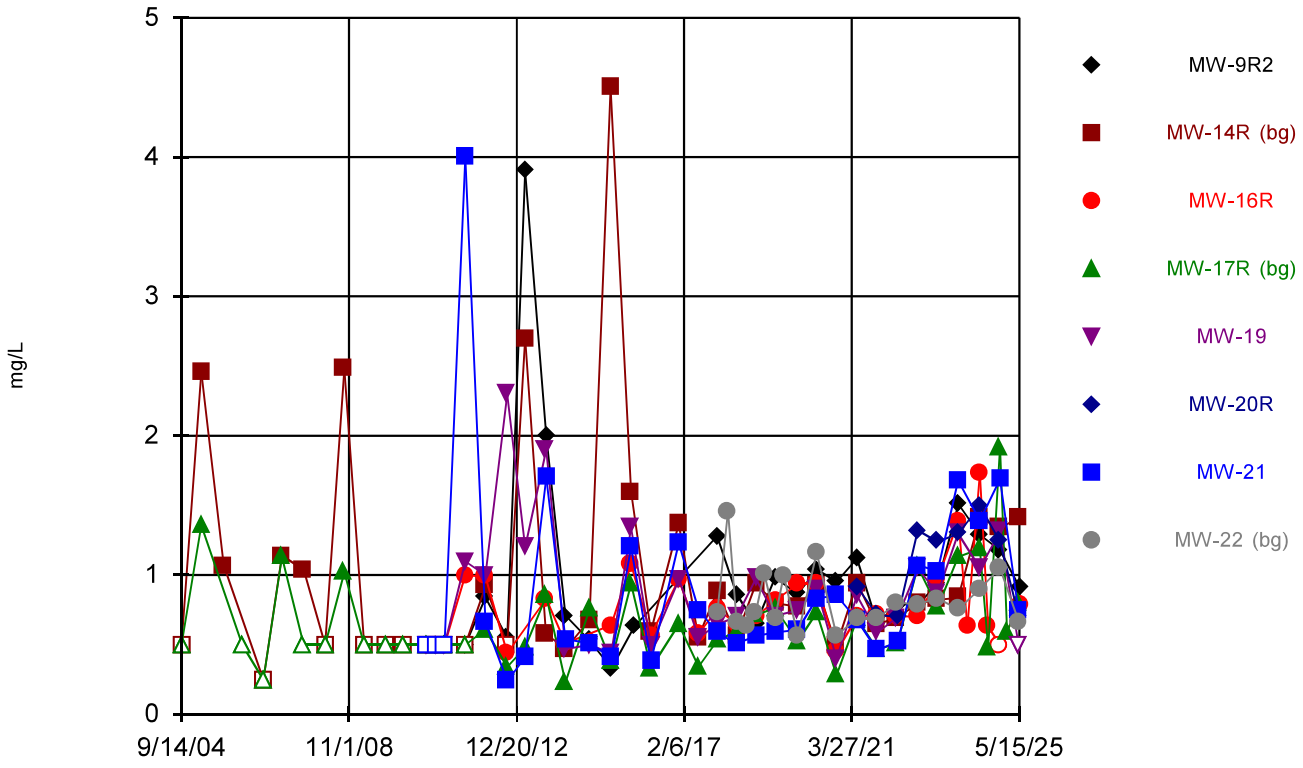


Constituent: Sulfate Analysis Run 6/4/2025 2:24 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Hollow symbols indicate censored values.

Time Series



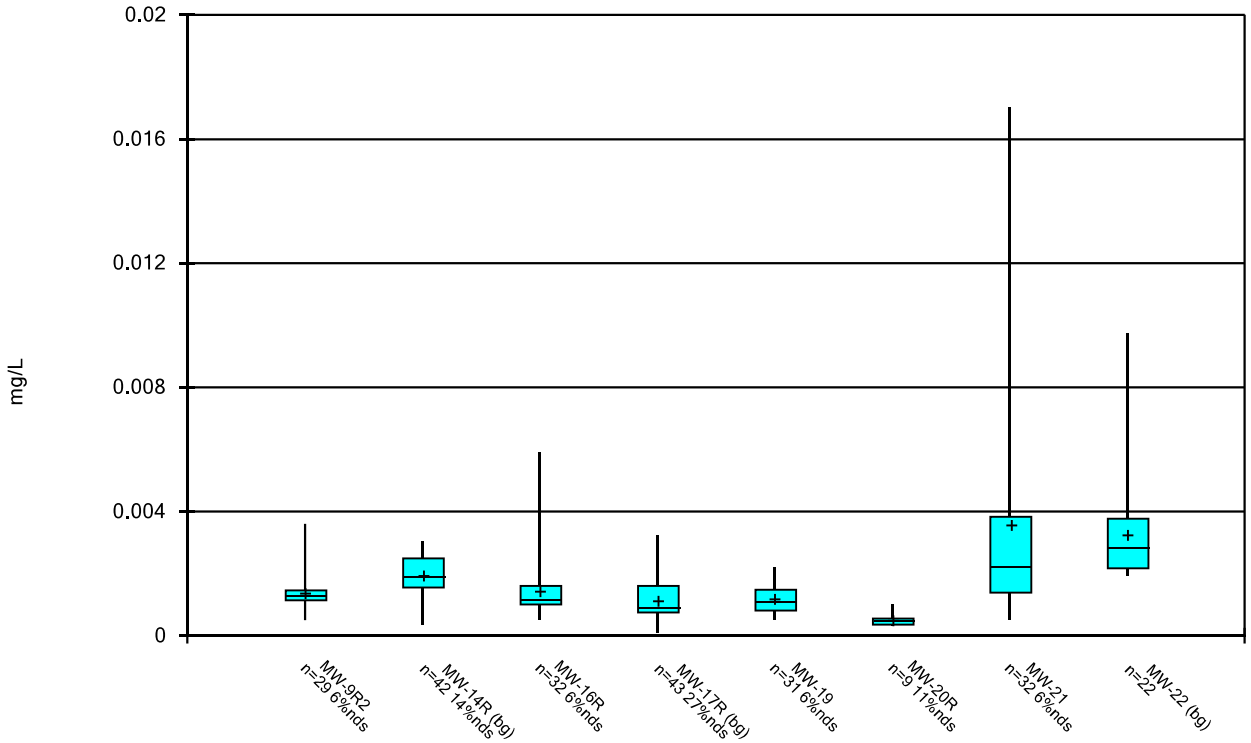
Constituent: TOC [total organic carbon] Analysis Run 6/4/2025 2:24 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

BOX-AND-WHISKER PLOTS

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Box & Whiskers Plot

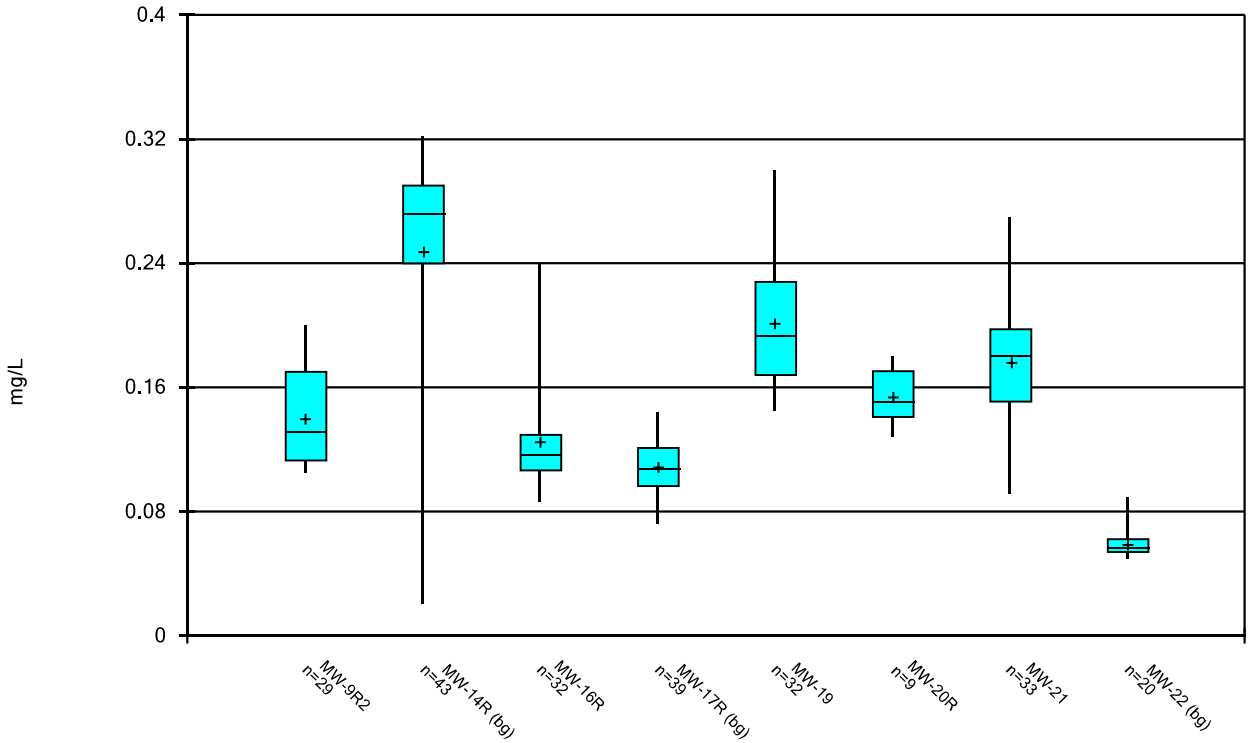


Constituent: Arsenic Analysis Run 6/4/2025 2:25 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Box & Whiskers Plot

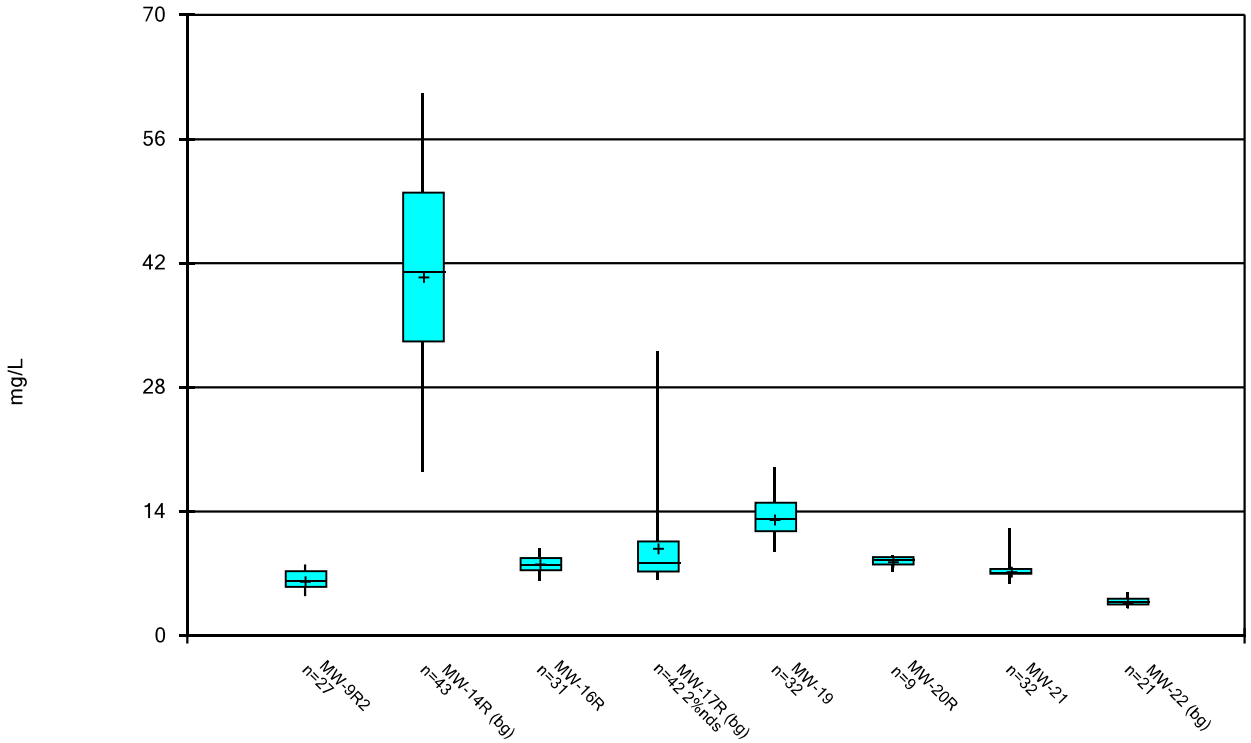


Constituent: Barium Analysis Run 6/4/2025 2:25 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Box & Whiskers Plot

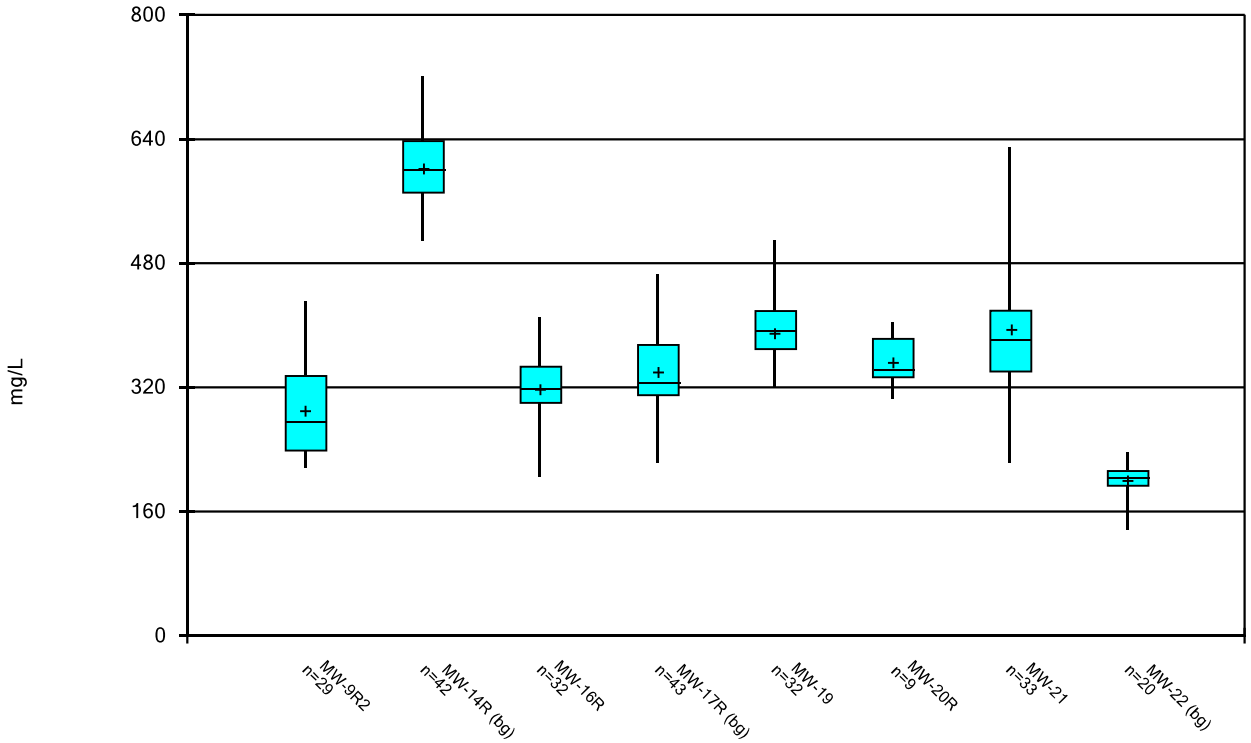


Constituent: Chloride Analysis Run 6/4/2025 2:25 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Box & Whiskers Plot

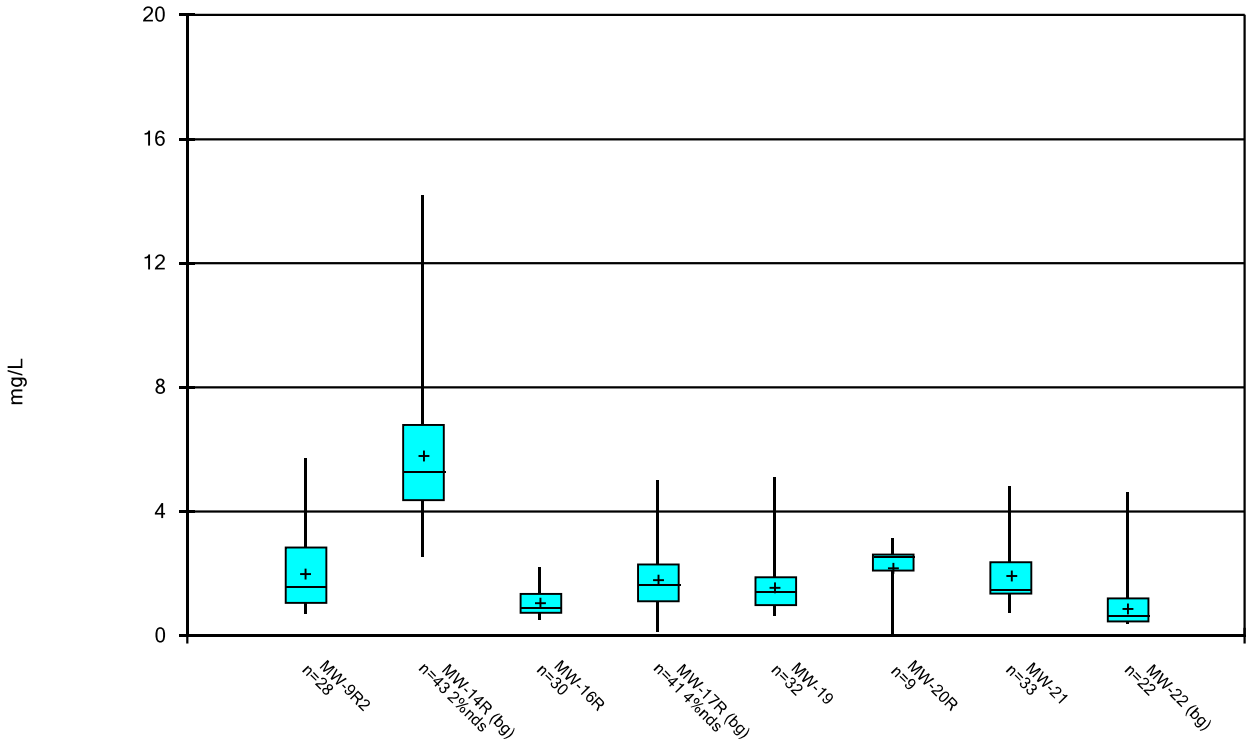


Constituent: Dissolved solids Analysis Run 6/4/2025 2:25 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.0.26 Software licensed to FTN Associates. UG

Box & Whiskers Plot

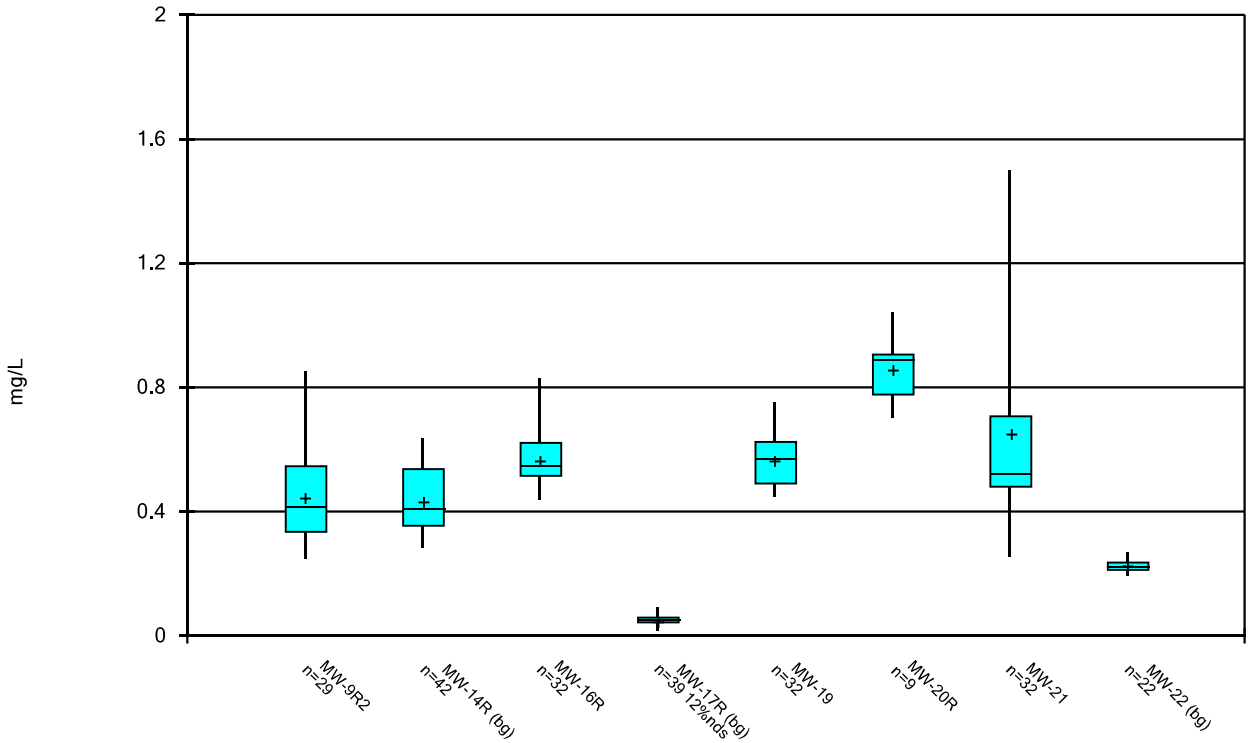


Constituent: Iron Analysis Run 6/4/2025 2:25 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Box & Whiskers Plot

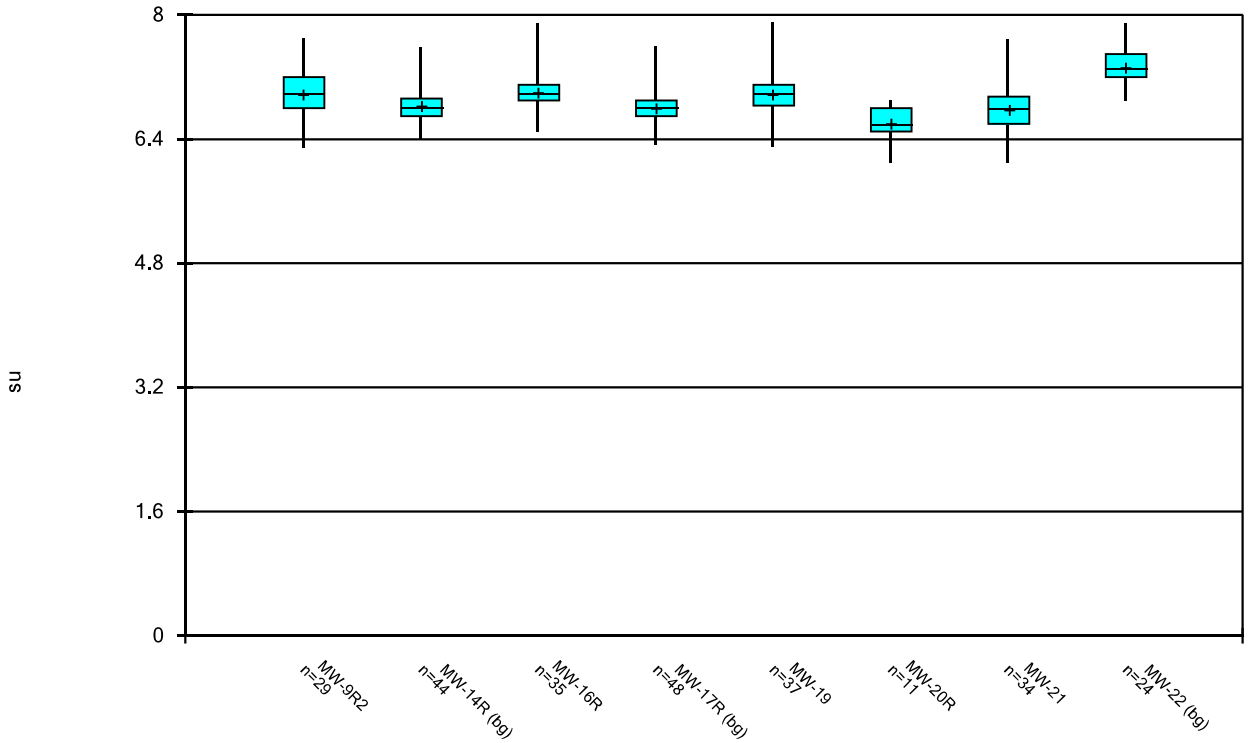


Constituent: Manganese Analysis Run 6/4/2025 2:25 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Box & Whiskers Plot

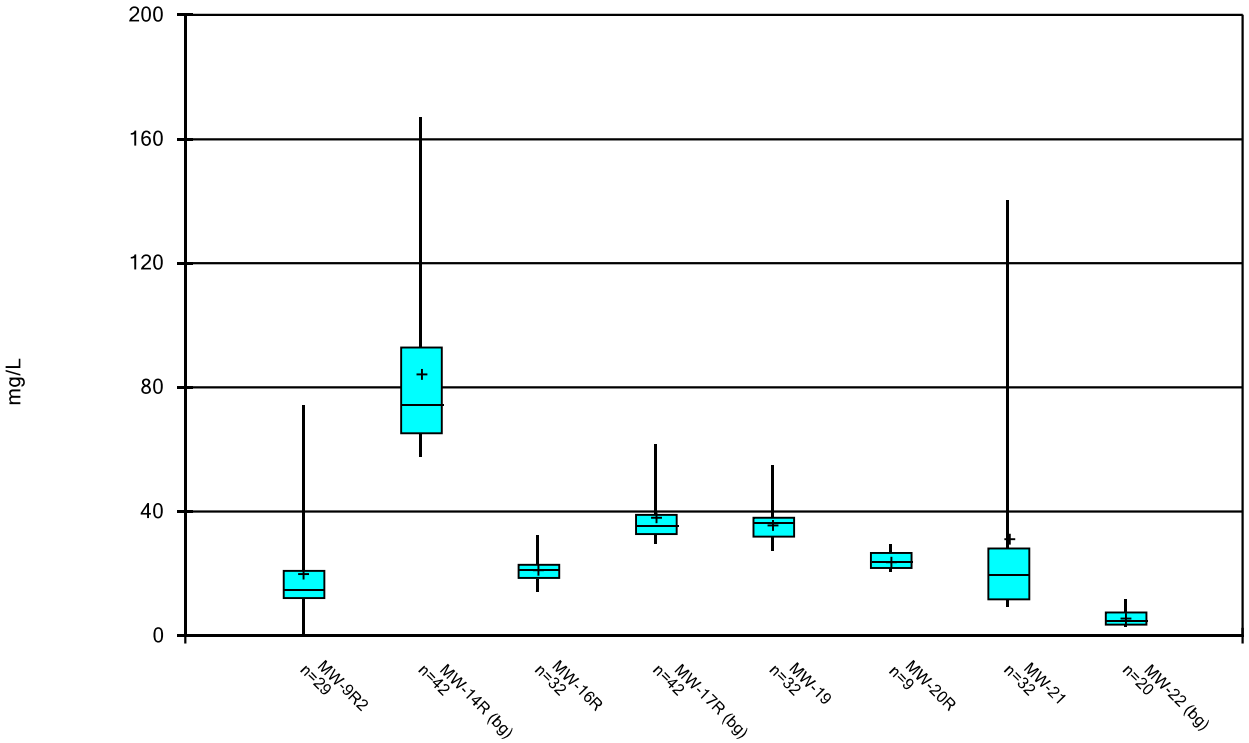


Constituent: pH Analysis Run 6/4/2025 2:25 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.0.26 Software licensed to FTN Associates. UG

Box & Whiskers Plot

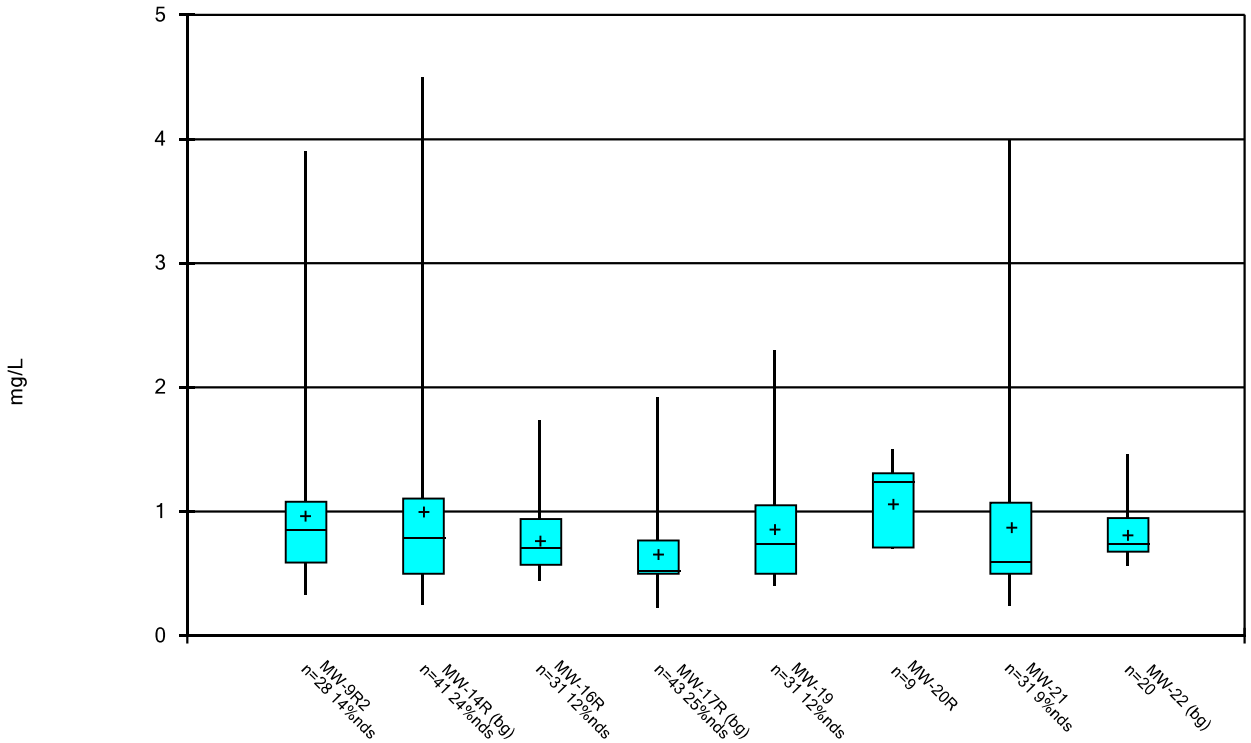


Constituent: Sulfate Analysis Run 6/4/2025 2:25 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.0.26 Software licensed to FTN Associates. UG

Box & Whiskers Plot

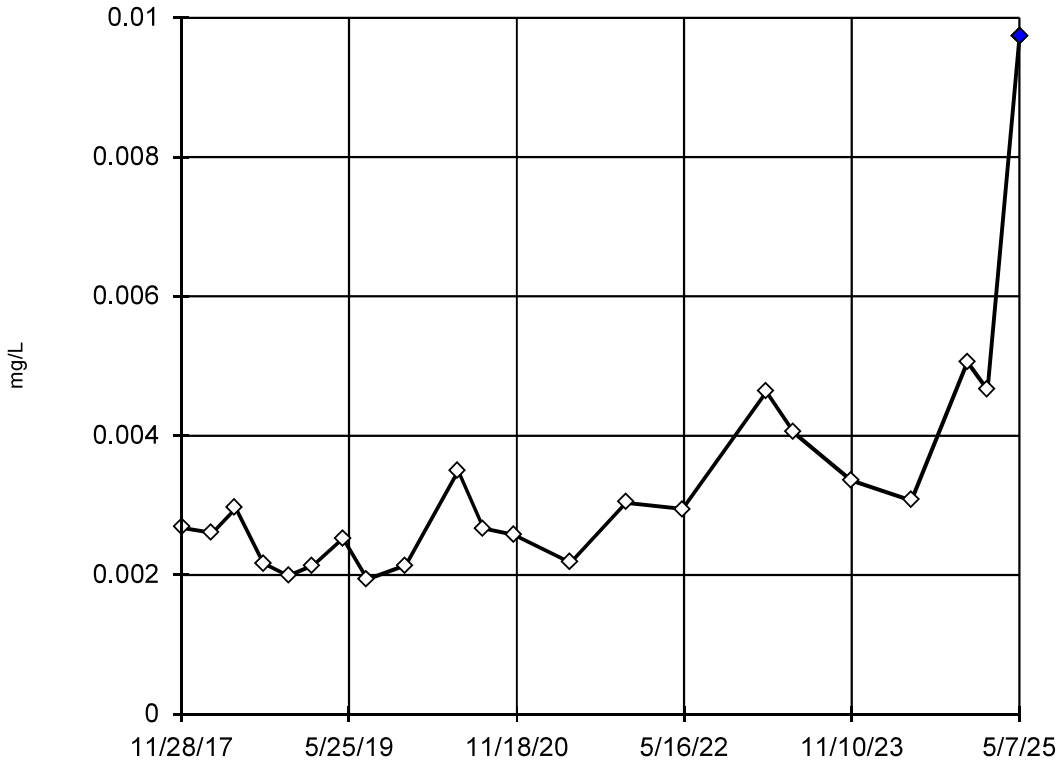


Constituent: TOC [total organic carbon] Analysis Run 6/4/2025 2:25 PM View: Distributional Legacy Landfill Client: CCSWDA Data: Craighead County LF

OUTLIERS

Dixon's Outlier Test

MW-22 (bg)



n = 22

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.003302.
Std. Dev. = 0.001694.
0.00974: c = 0.4865
tabl = 0.43.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9353
Critical = 0.923 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

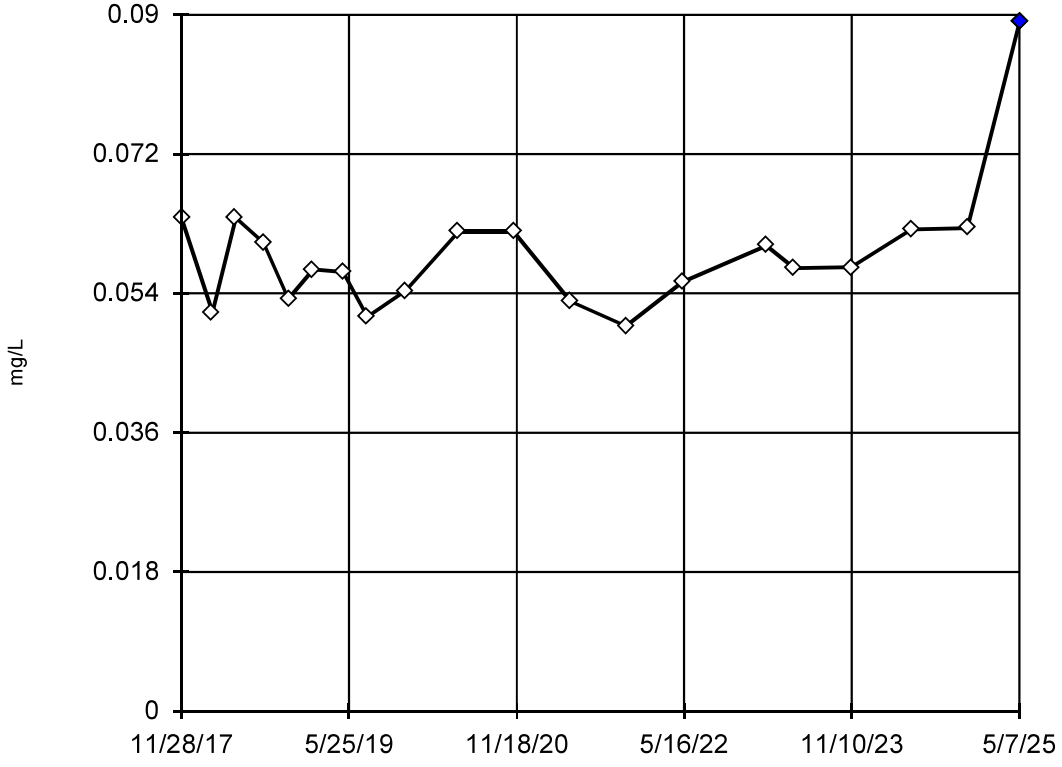
Constituent: Arsenic Analysis Run 7/7/2025 1:39 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.0.27 Software licensed to Olsson. UG

Dixon's Outlier Test

MW-22 (bg)



n = 20

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.05918.
Std. Dev. = 0.008322.
0.0891: c = 0.6747
tabl = 0.45.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9331
Critical = 0.917
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 7/7/2025 1:39 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

APPENDIX F
STATISTICAL PLOTS

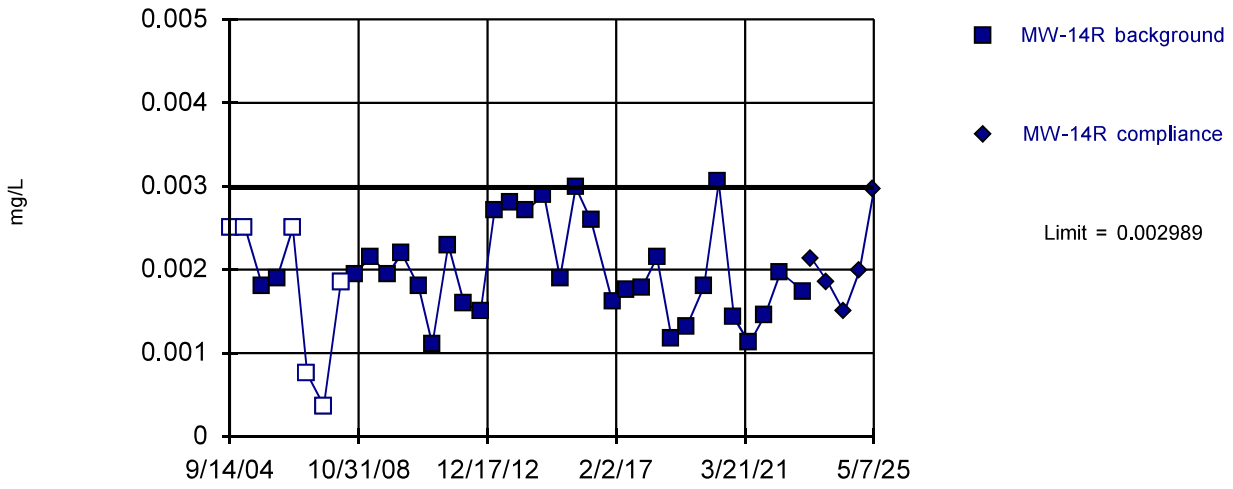
PREDICTION LIMIT RESULTS
FIRST HALF 2025 DETECTION MONITORING

Sanitas™ v.10.0.25 Software licensed to FTN Associates. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001842, Std. Dev.=0.0005962, n=37, 16.22% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9751, critical = 0.914. Kappa = 1.924 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Arsenic Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

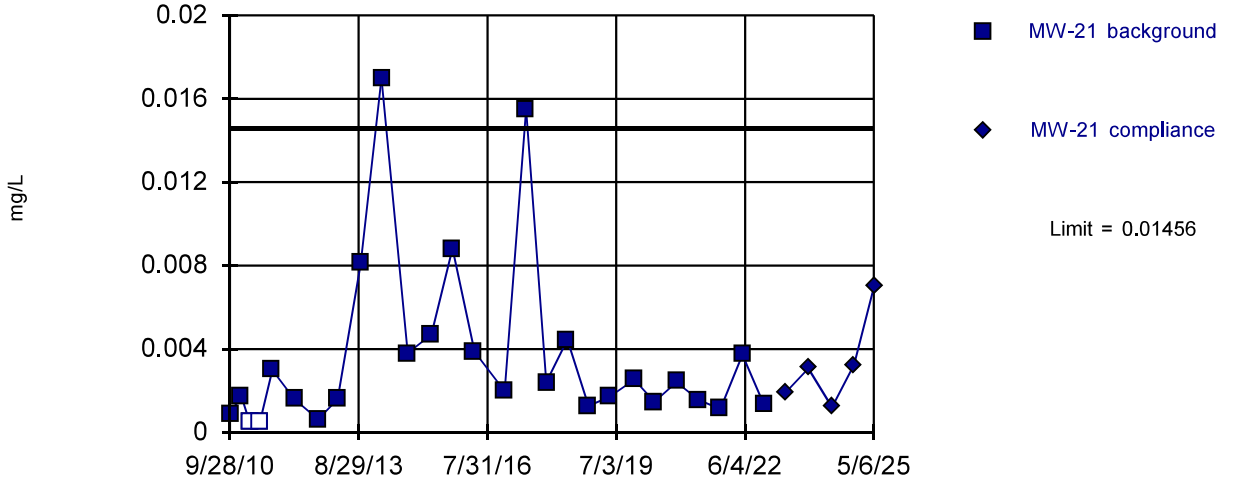
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Sanitas™ v.10.0.25 Software licensed to FTN Associates. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-6.059, Std. Dev.=0.92, n=27, 7.407% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.961, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Arsenic Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

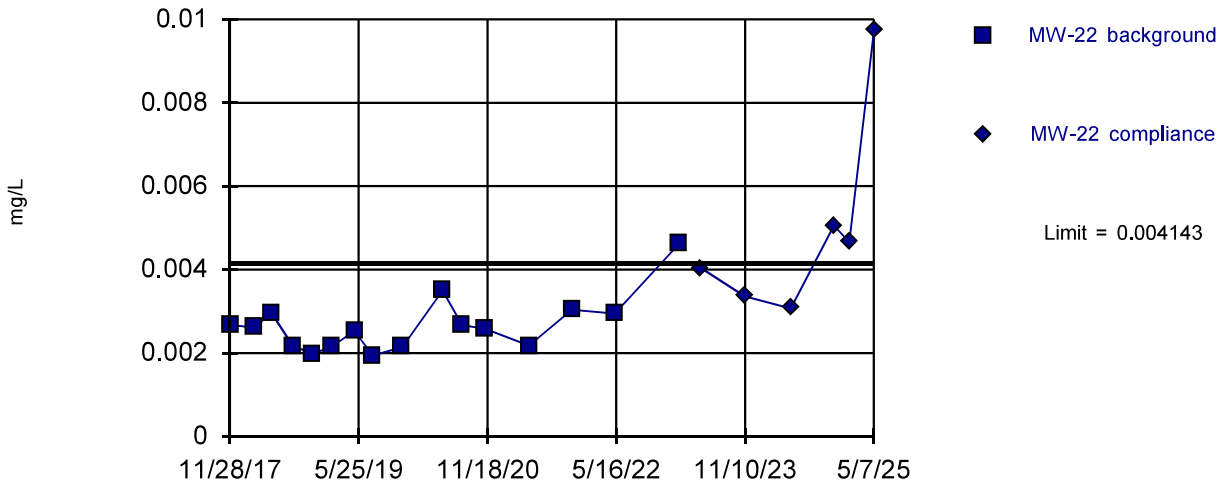
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002669, Std. Dev.=0.0006787, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.844, critical = 0.844. Kappa = 2.172 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Arsenic Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

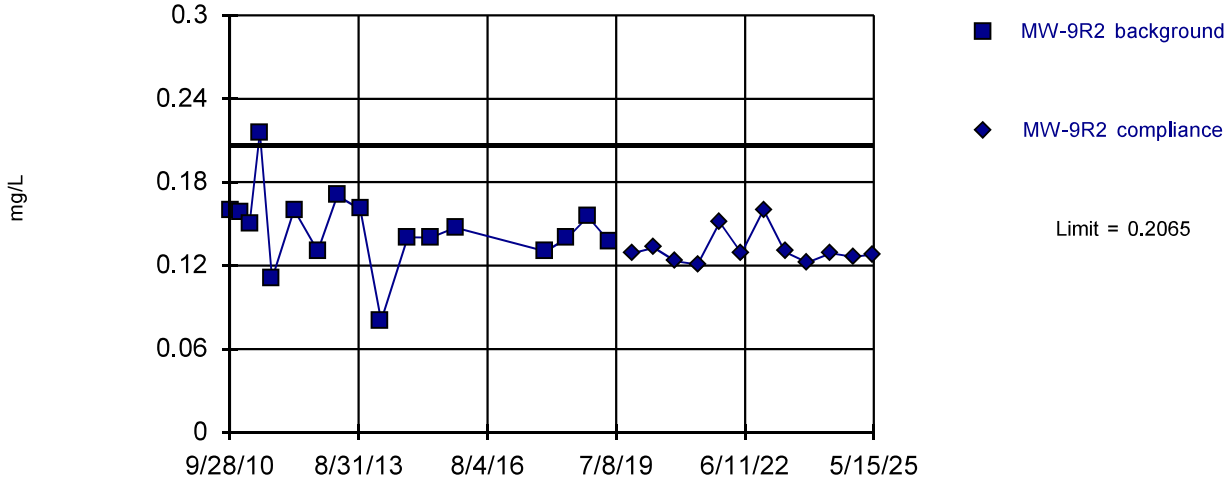
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1464, Std. Dev.=0.02801, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9172, critical = 0.851. Kappa = 2.148 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

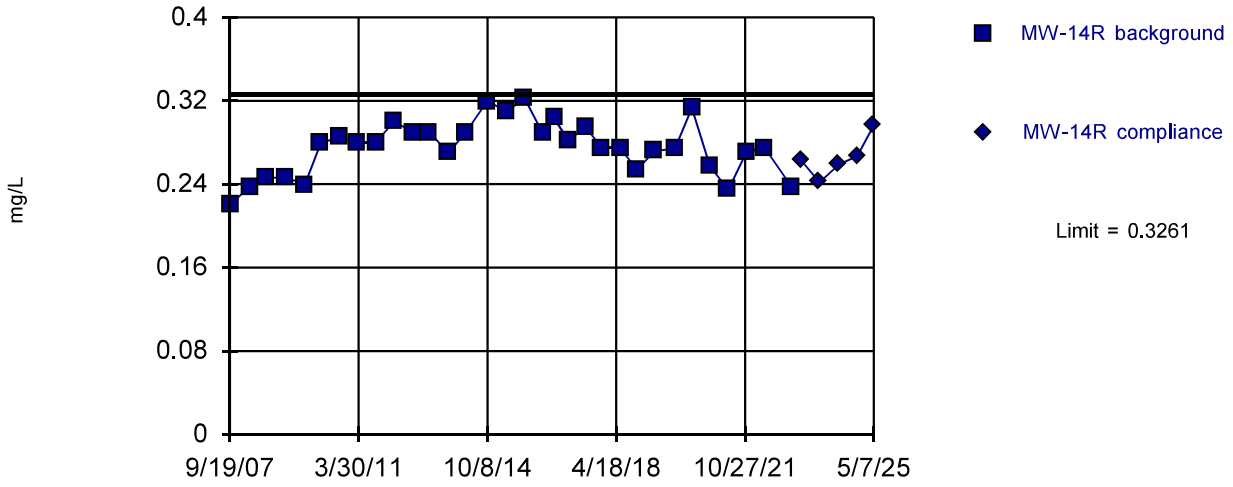
Constituent: Barium Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2755, Std. Dev.=0.02598, n=32. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9659, critical = 0.904. Kappa = 1.949 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

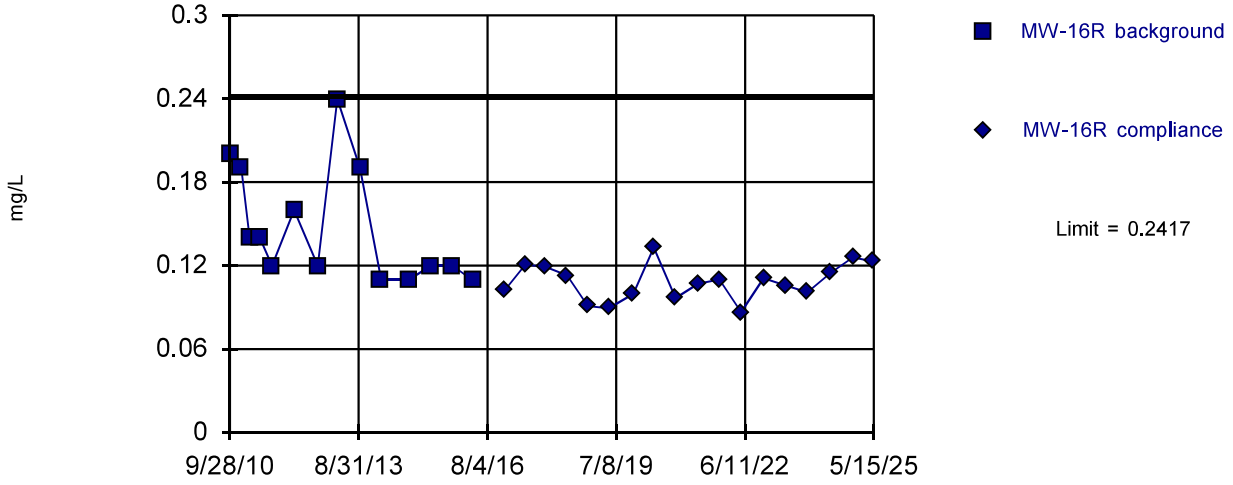
Constituent: Barium Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1478, Std. Dev.=0.04161, n=14. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.844, critical = 0.825. Kappa = 2.258 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Barium Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

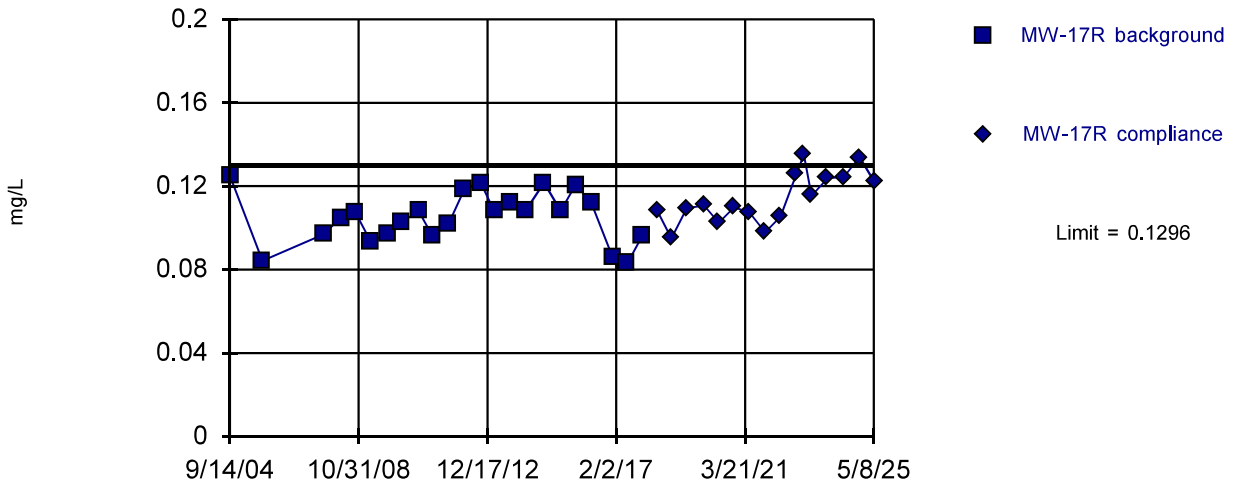
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.105, Std. Dev.=0.01208, n=23. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.881. Kappa = 2.035 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Barium Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

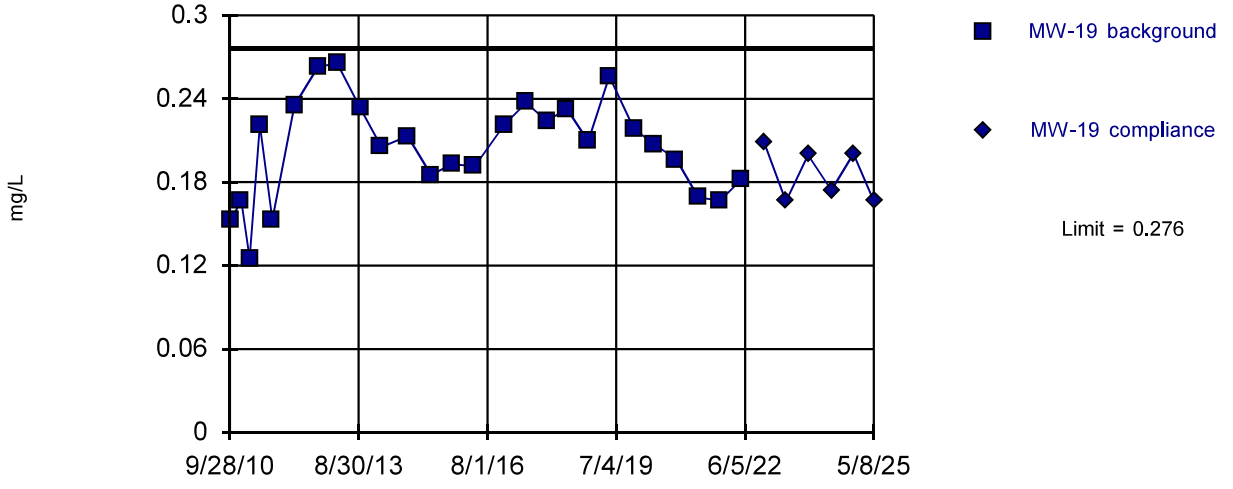
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2049, Std. Dev.=0.03562, n=26. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.978, critical = 0.891. Kappa = 1.998 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Barium Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

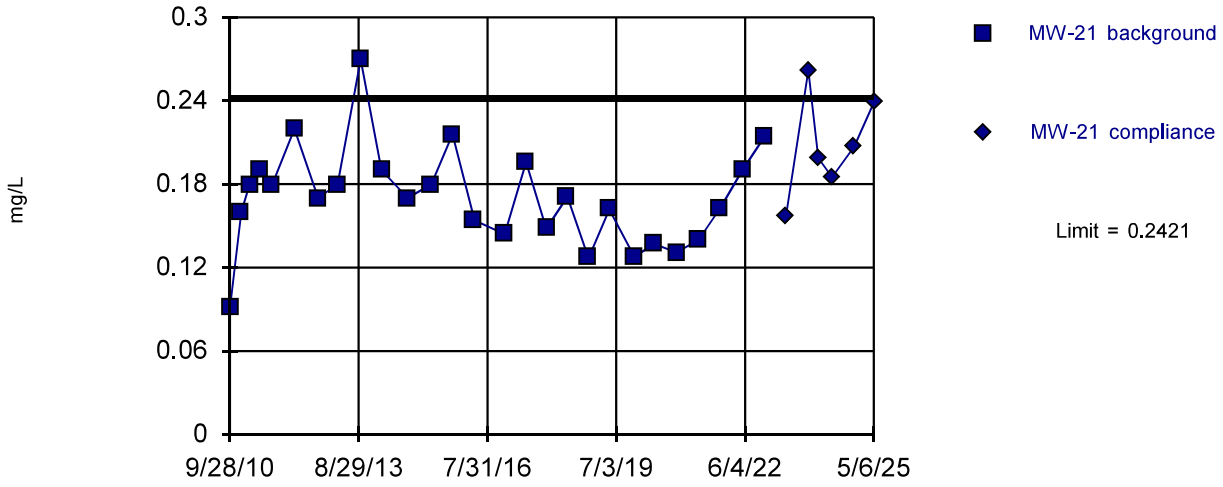
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1705, Std. Dev.=0.036, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9738, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Barium Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

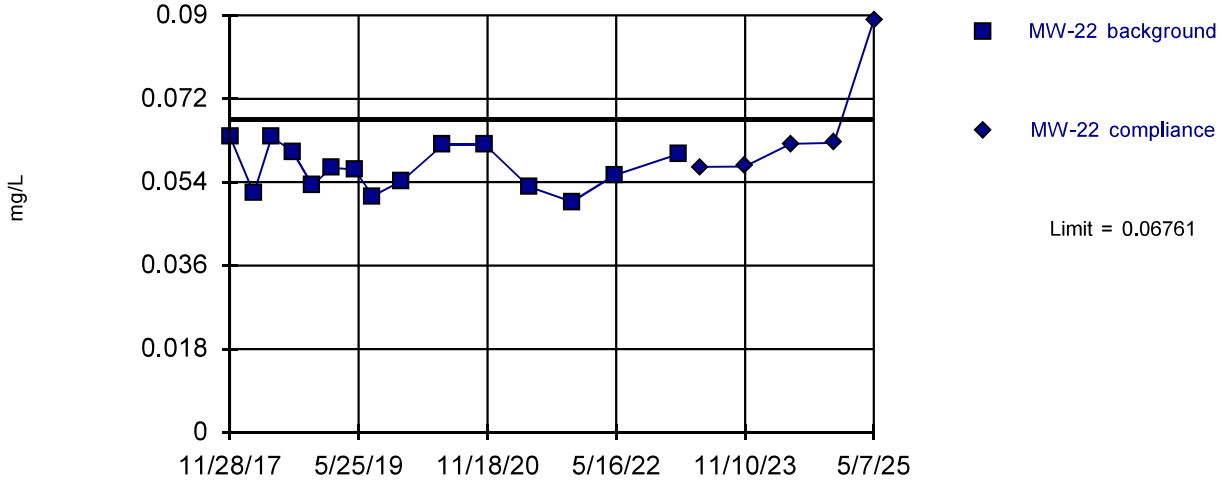
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05699, Std. Dev.=0.004792, n=15. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9305, critical = 0.835. Kappa = 2.215 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Barium Analysis Run 6/3/2025 8:14 AM View: Prediction Limits

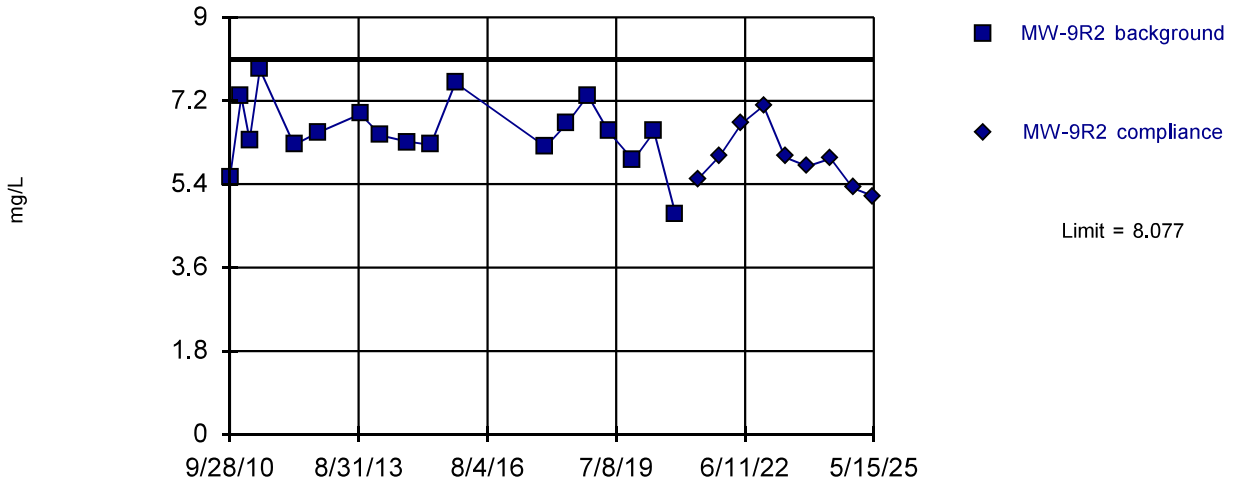
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.521, Std. Dev.=0.7321, n=18. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9542, critical = 0.858. Kappa = 2.124 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Chloride Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

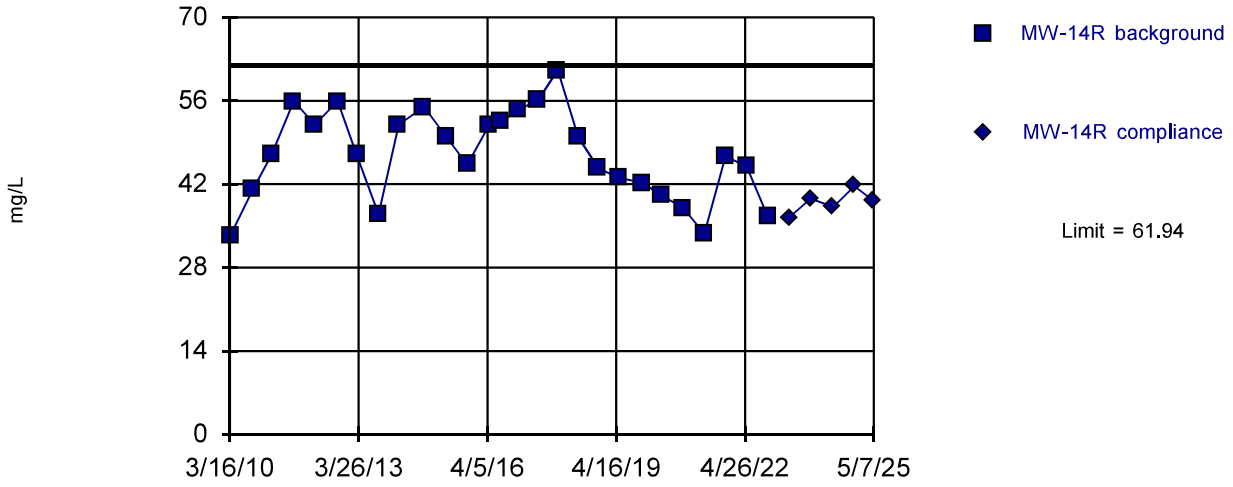
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=46.96, Std. Dev.=7.532, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9675, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Chloride Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

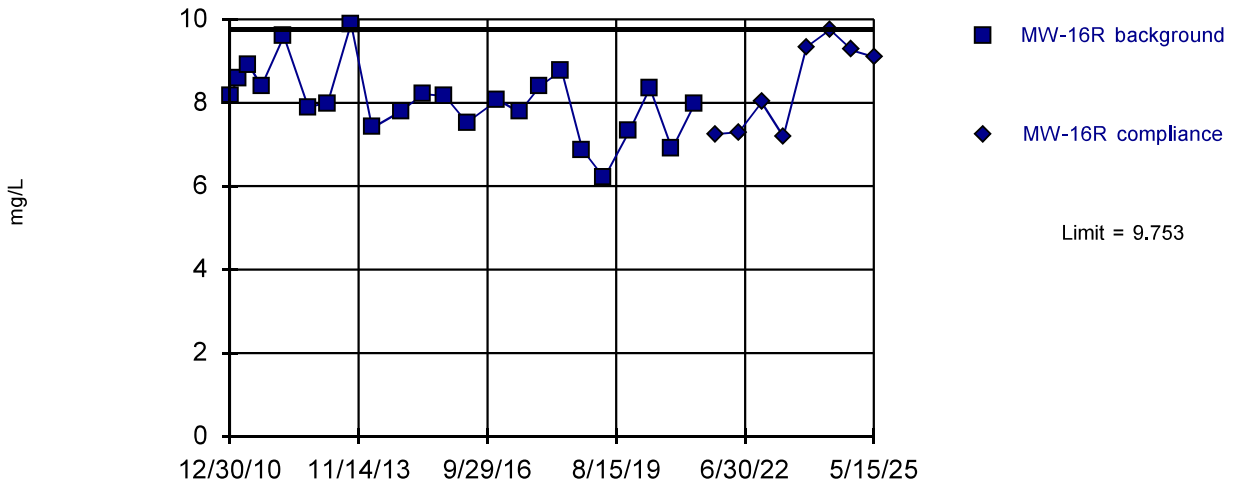
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.054, Std. Dev.=0.8347, n=23. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.881. Kappa = 2.035 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Chloride Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

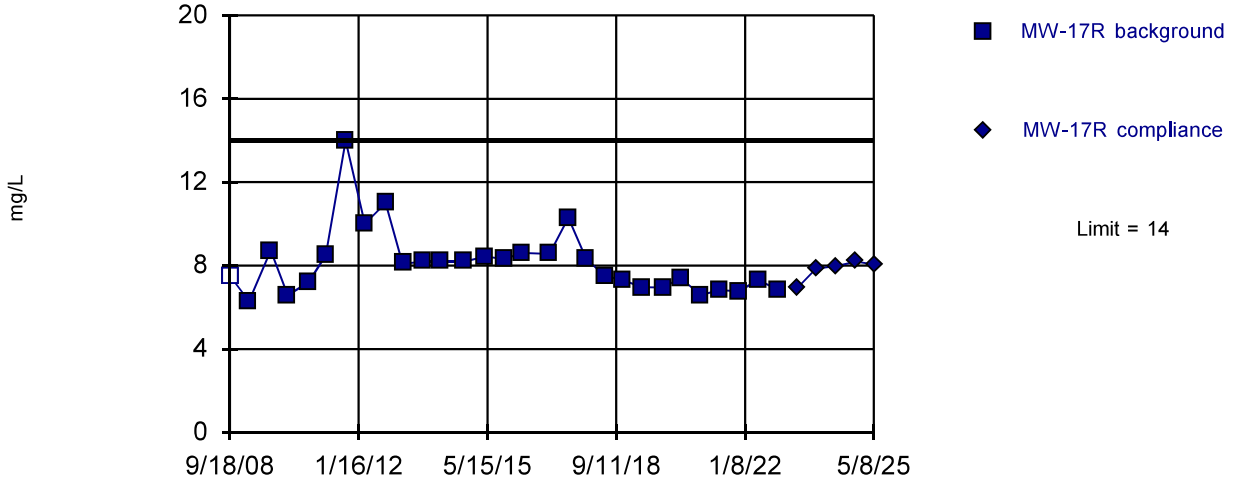
Sanitas™ v.10.0.25 Software licensed to FTN Associates. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 3.448% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Chloride Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

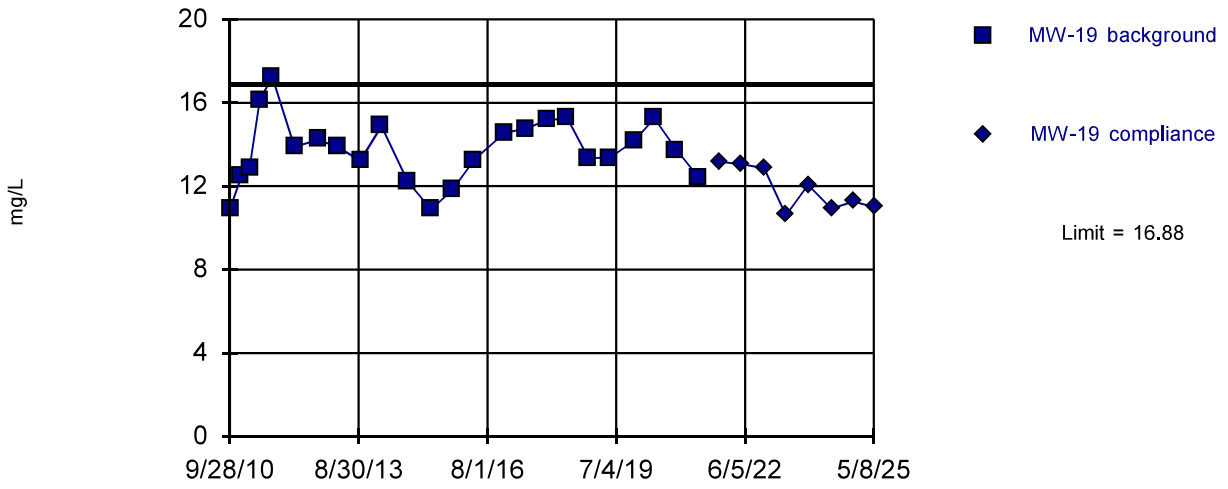
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=13.76, Std. Dev.=1.544, n=24. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9845, critical = 0.884. Kappa = 2.022 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Chloride Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

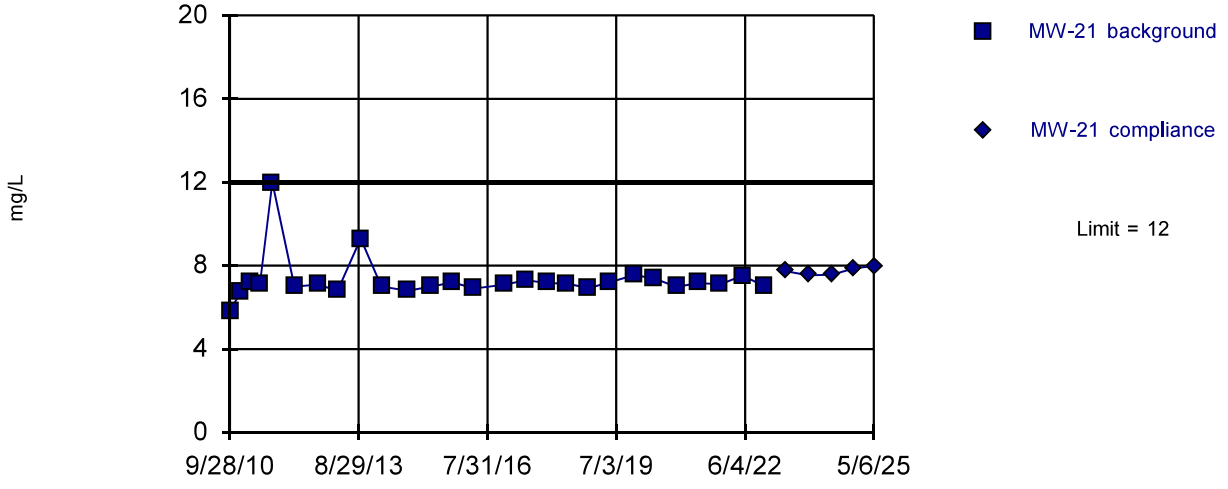
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Chloride Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

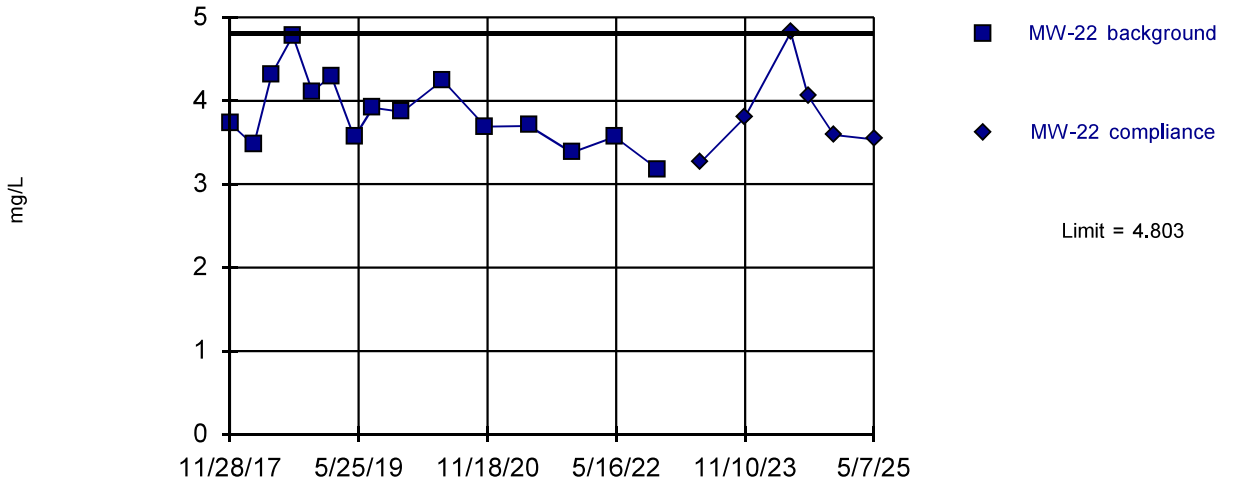
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.855, Std. Dev.=0.4276, n=15. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.835. Kappa = 2.215 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Chloride Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

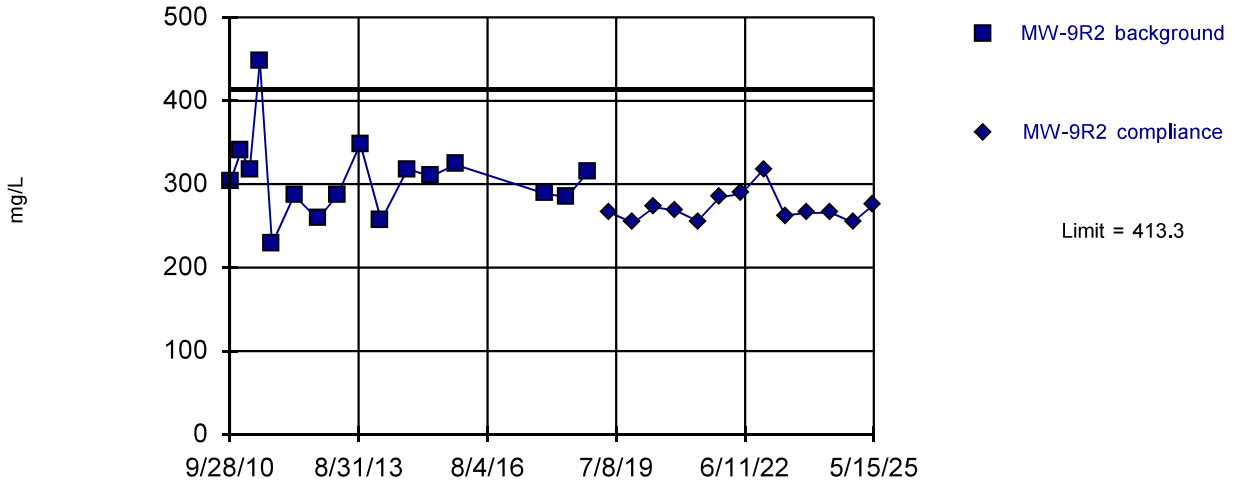
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=307, Std. Dev.=48.98, n=16. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.844. Kappa = 2.172 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

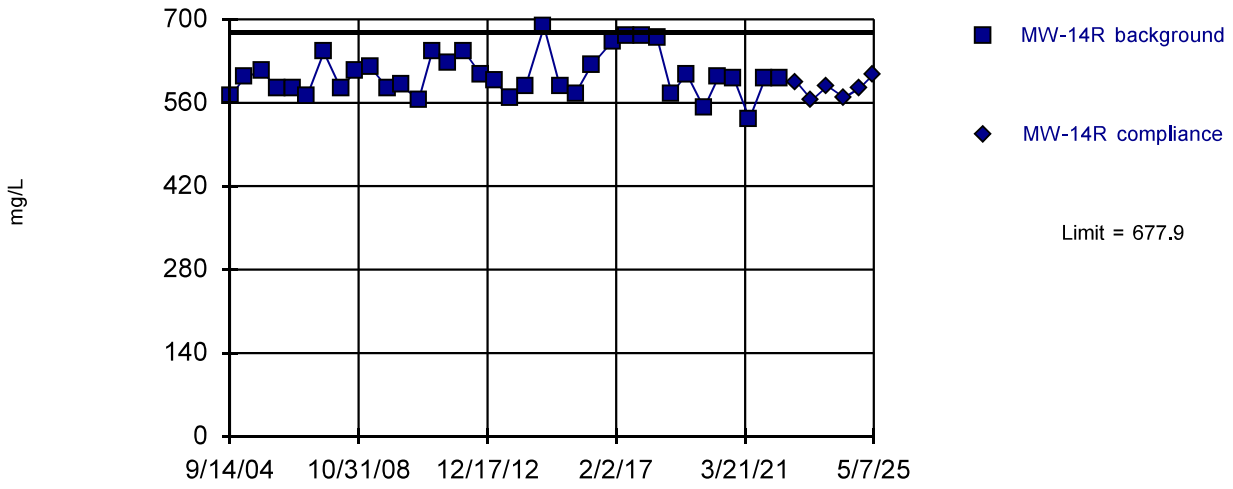
Constituent: Dissolved solids Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=606.6, Std. Dev.=36.97, n=36. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9547, critical = 0.912. Kappa = 1.928 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

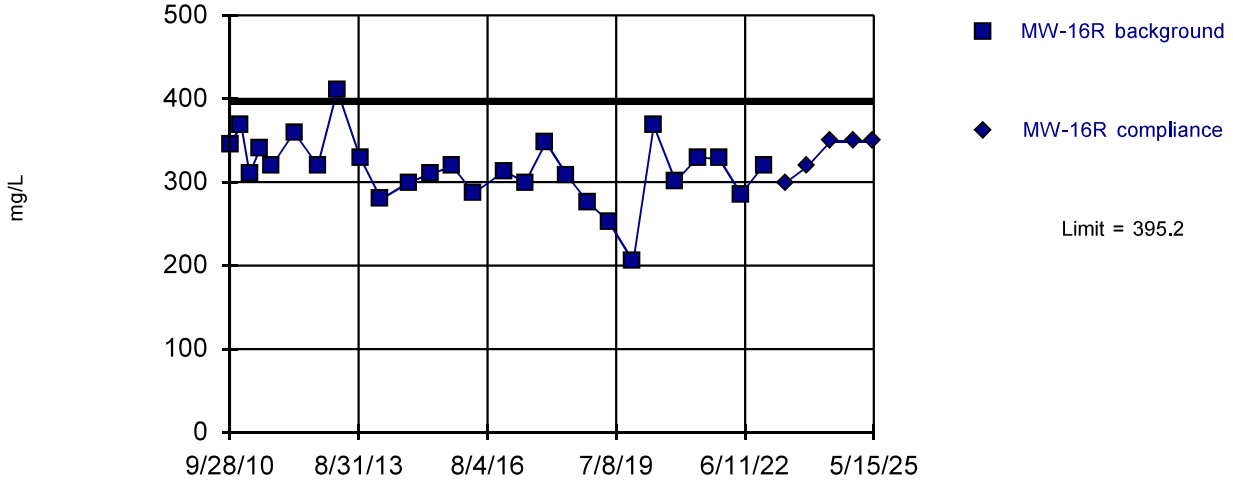
Constituent: Dissolved solids Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=316.1, Std. Dev.=39.75, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9674, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Dissolved solids Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

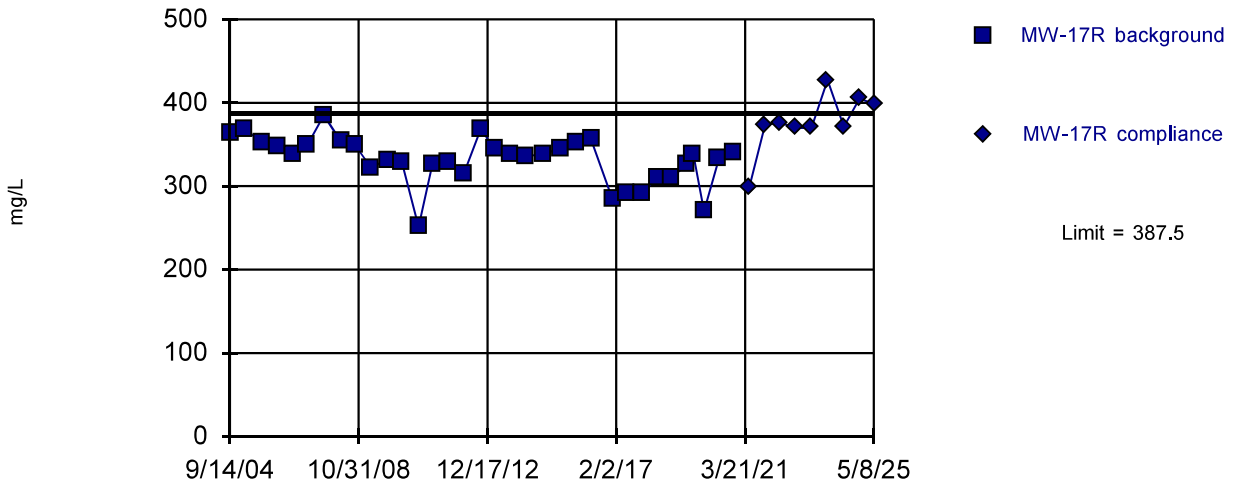
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=332.1, Std. Dev.=28.61, n=34. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9397, critical = 0.908. Kappa = 1.938 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Dissolved solids Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

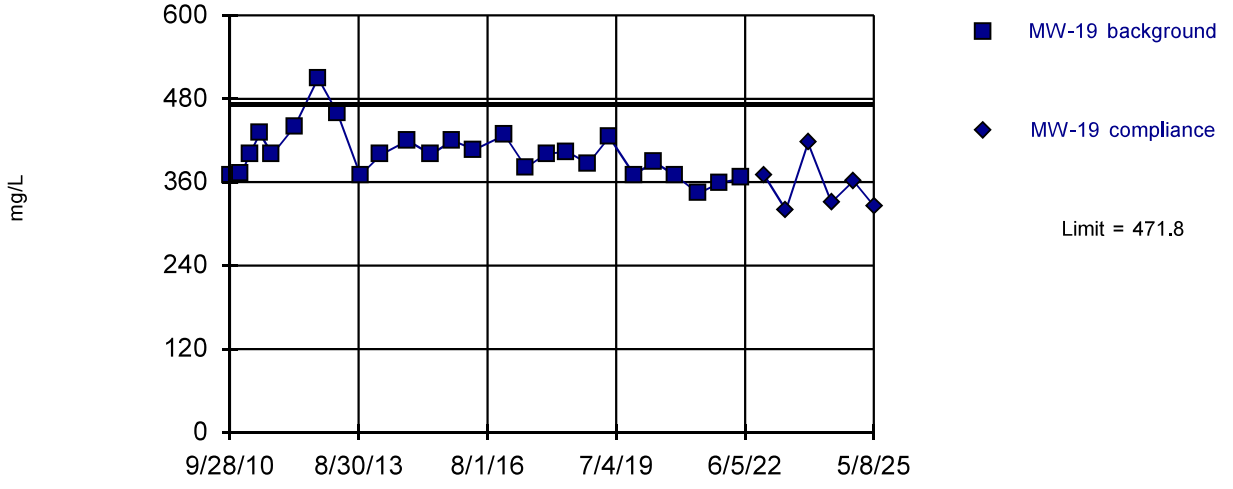
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=400.9, Std. Dev.=35.44, n=26. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9258, critical = 0.891. Kappa = 1.998 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

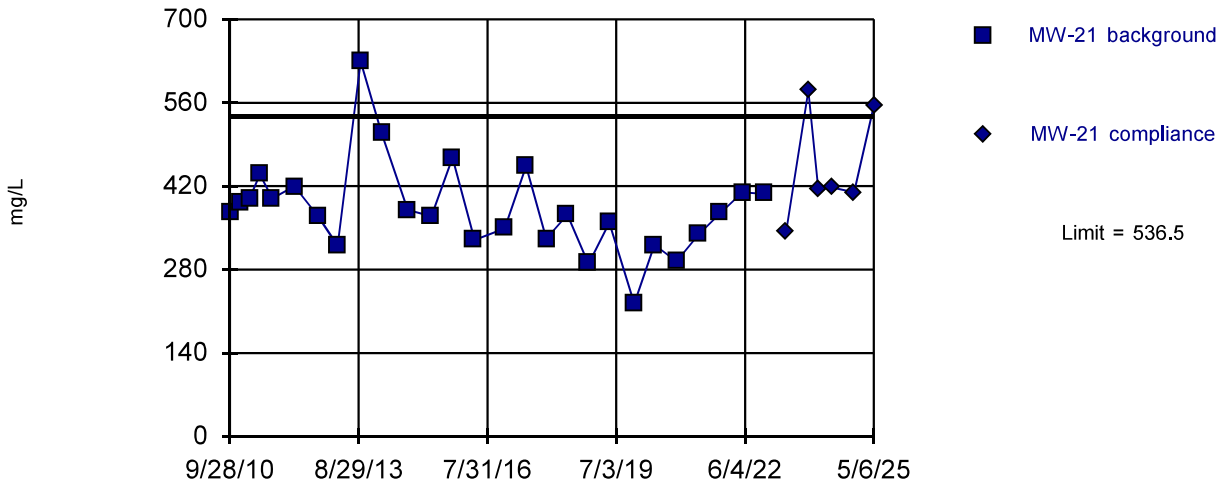
Constituent: Dissolved solids Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=382.7, Std. Dev.=77.34, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Dissolved solids Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

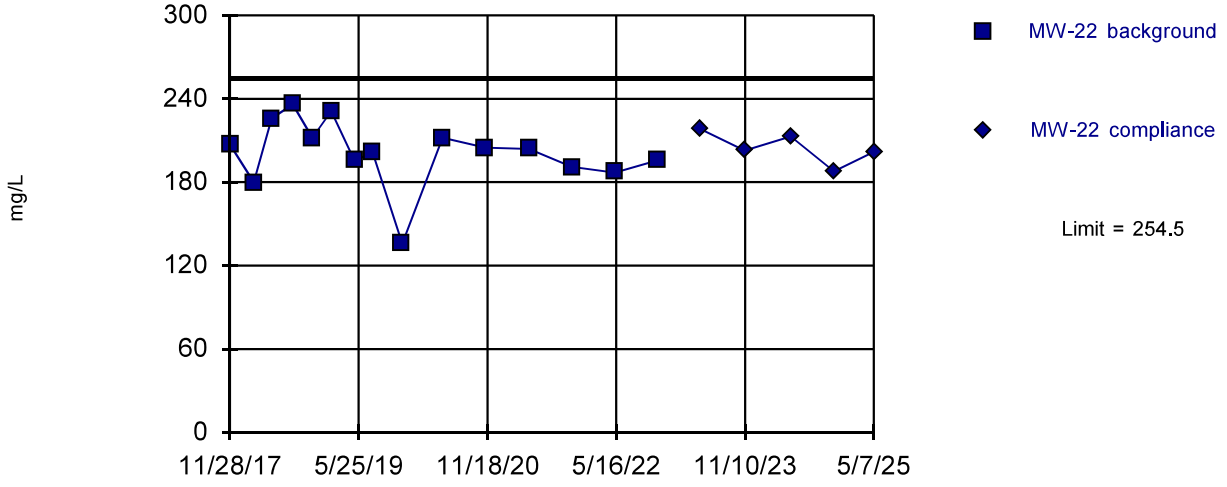
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=201.3, Std. Dev.=24, n=15. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9032, critical = 0.835. Kappa = 2.215 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

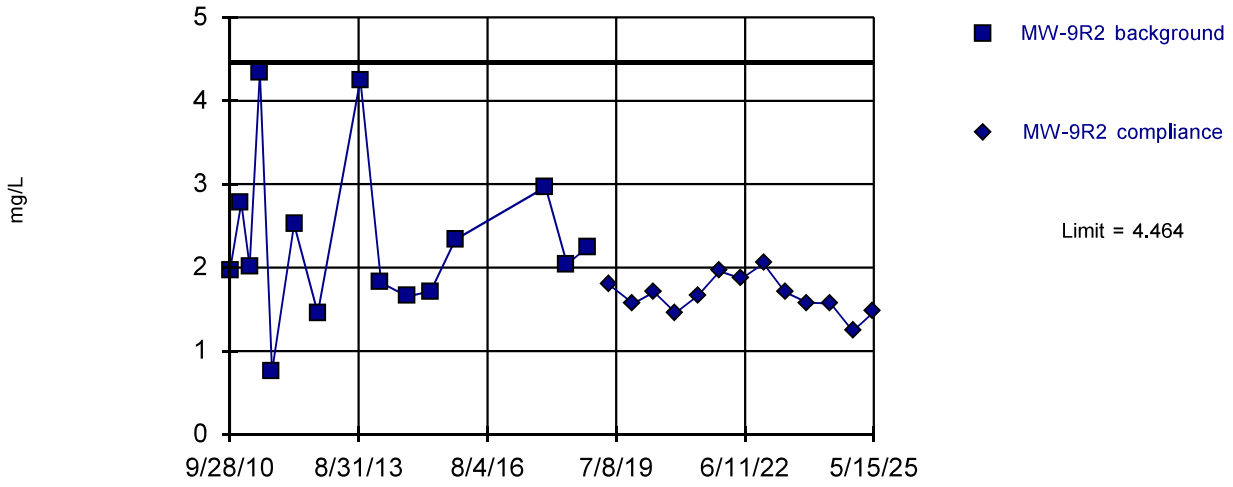
Constituent: Dissolved solids Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.326, Std. Dev.=0.9652, n=15. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9051, critical = 0.835. Kappa = 2.215 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Iron Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

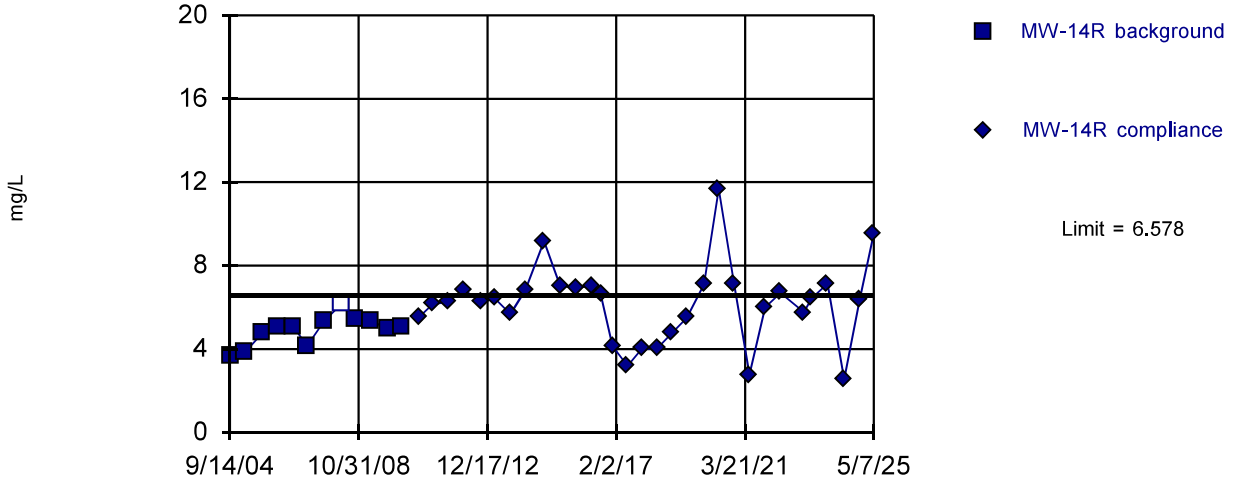
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.91, Std. Dev.=0.7116, n=12, 8.333% NDs. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.935, critical = 0.805. Kappa = 2.344 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Iron Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

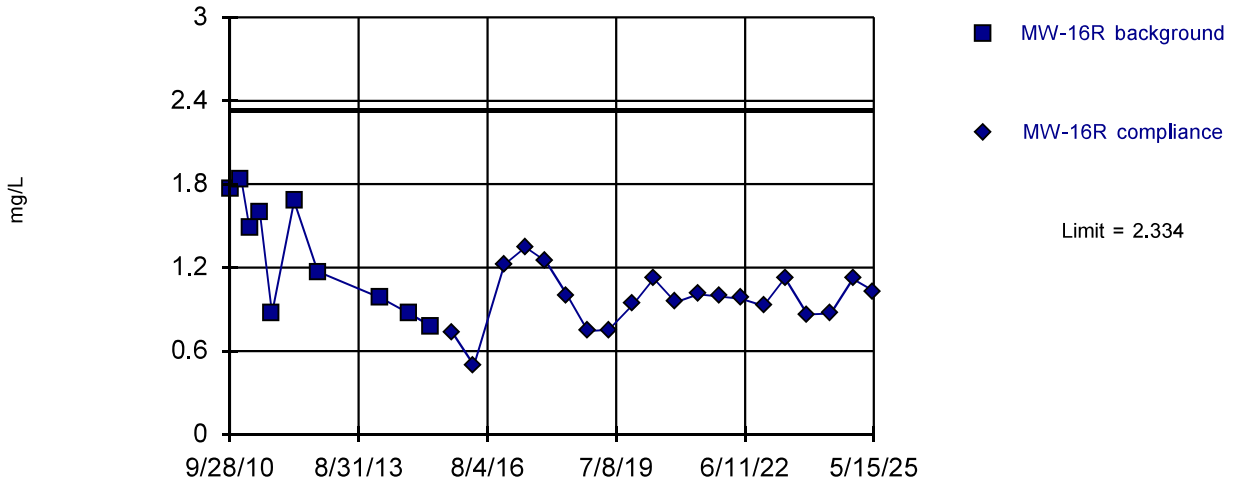
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.304, Std. Dev.=0.4126, n=10. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8835, critical = 0.781. Kappa = 2.496 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Iron Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

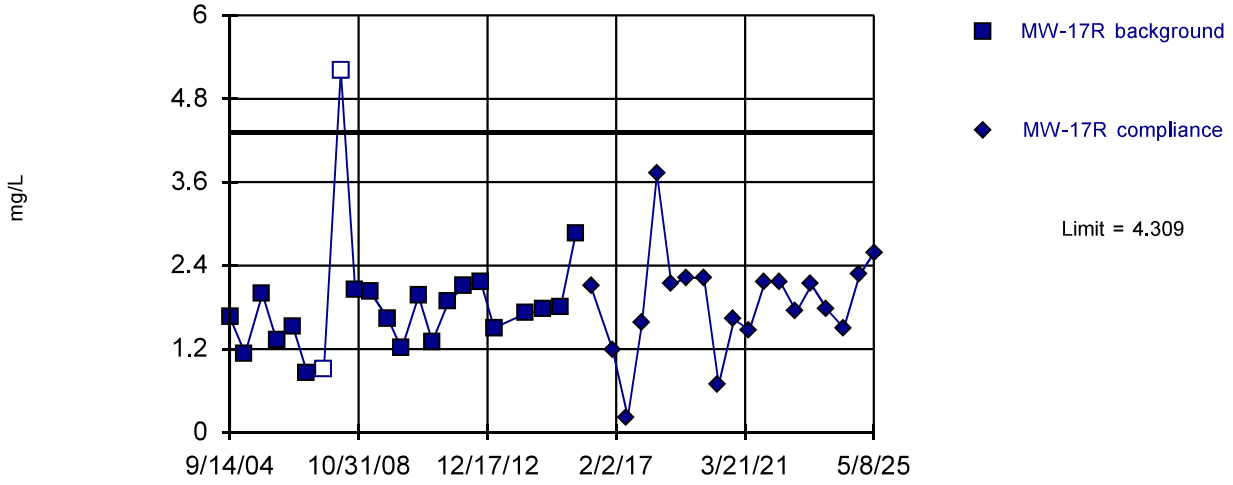
Sanitas™ v.10.0.25 Software licensed to FTN Associates. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=0.1277, Std. Dev.=0.6507, n=22, 9.091% NDs. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9256, critical = 0.878. Kappa = 2.049 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Iron Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

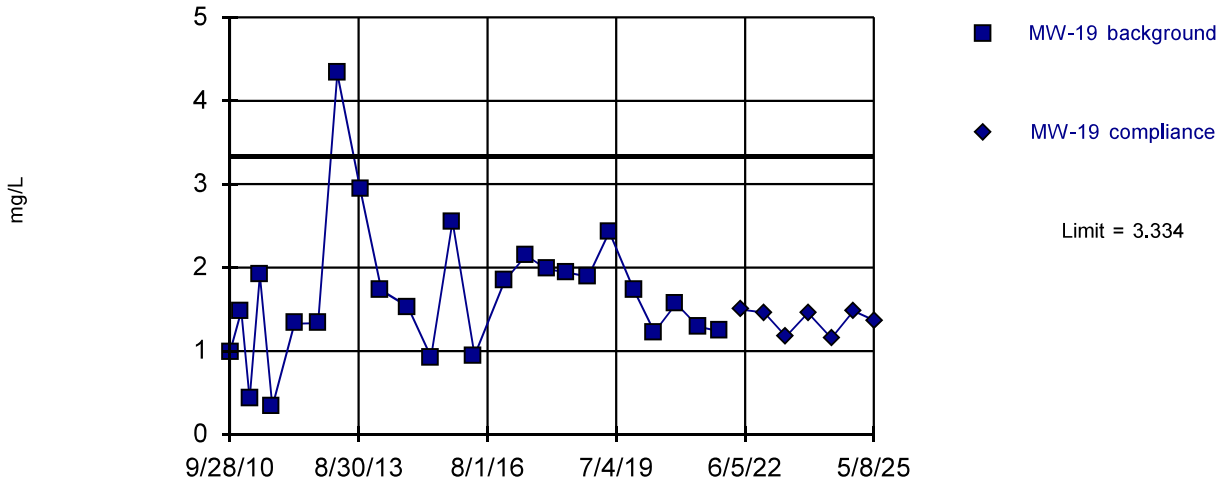
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.683, Std. Dev.=0.8225, n=25. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9133, critical = 0.888. Kappa = 2.008 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Iron Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

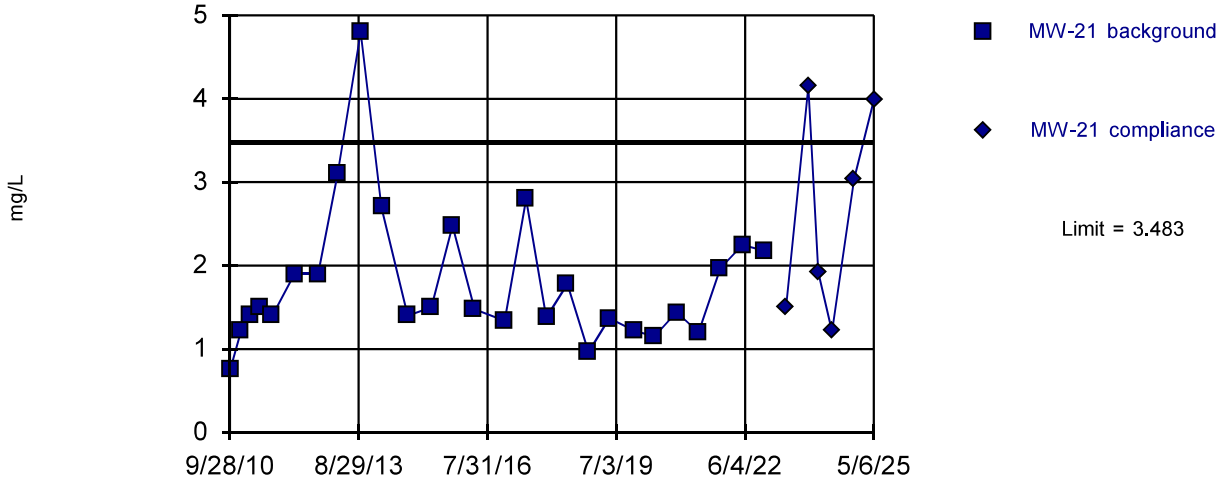
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.313, Std. Dev.=0.278, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8995, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Iron Analysis Run 6/3/2025 8:14 AM View: Prediction Limits

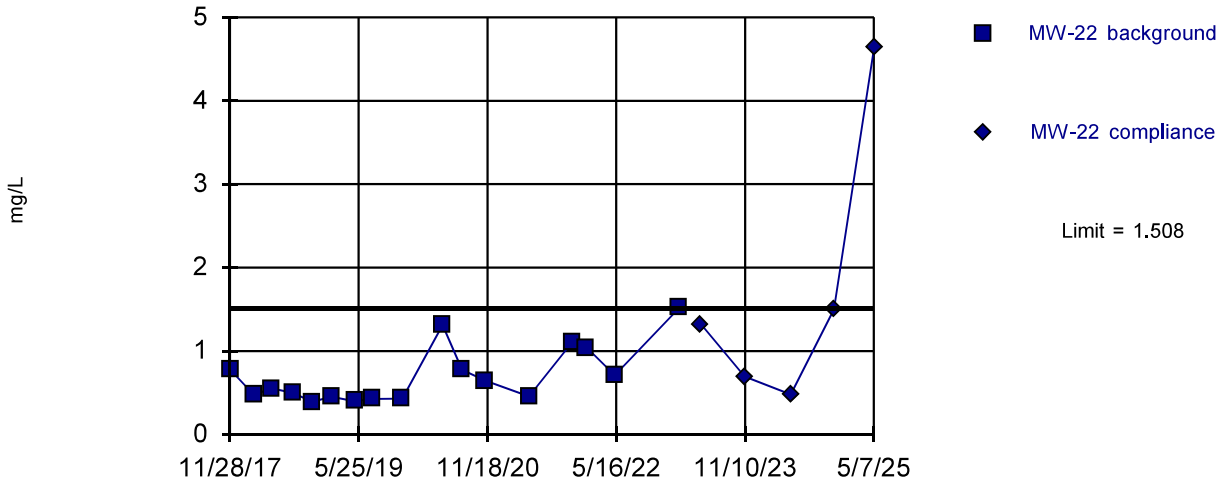
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.8183, Std. Dev.=0.1908, n=17. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8695, critical = 0.851. Kappa = 2.148 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Iron Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

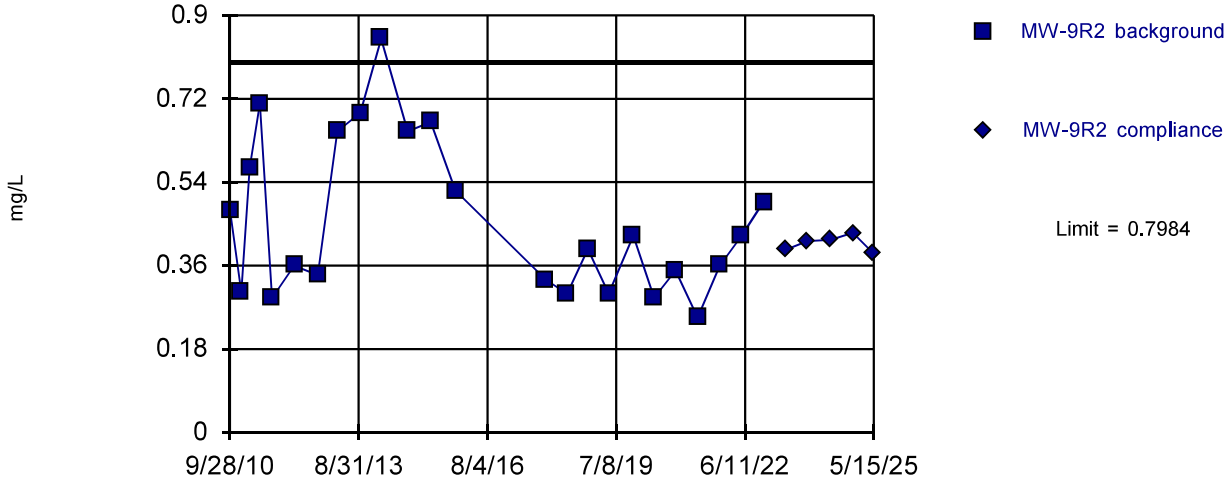
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.4585, Std. Dev.=0.1681, n=24. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9022, critical = 0.884. Kappa = 2.022 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

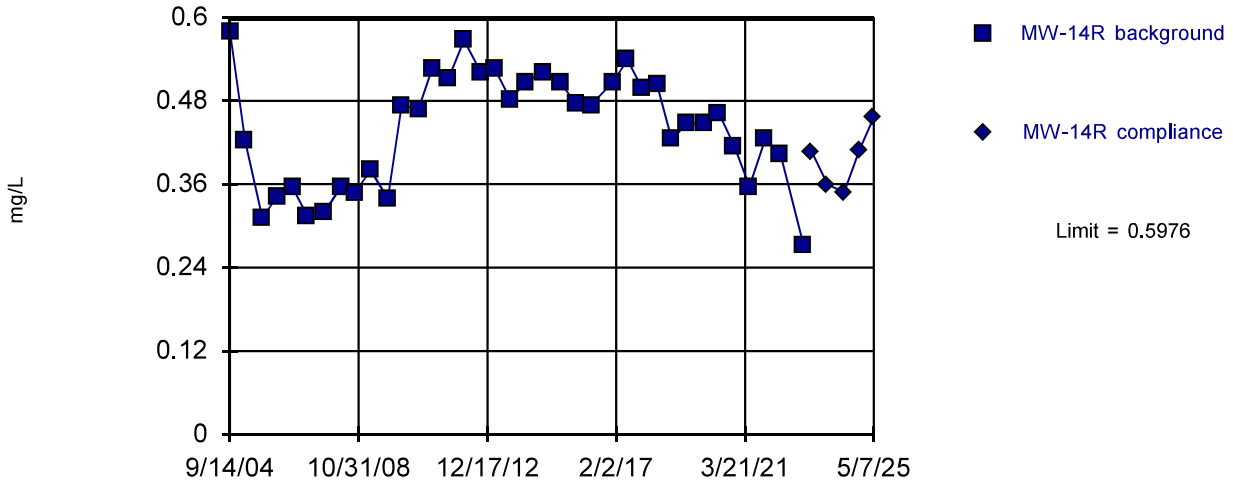
Constituent: Manganese Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.4414, Std. Dev.=0.08119, n=37. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, critical = 0.914. Kappa = 1.924 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

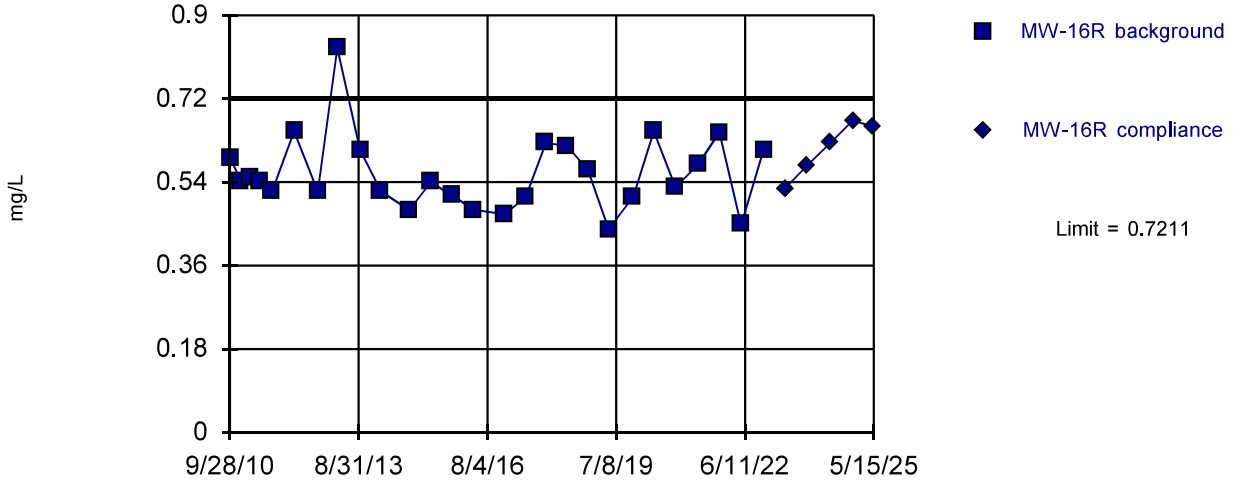
Constituent: Manganese Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.5587, Std. Dev.=0.08166, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9054, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Manganese Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

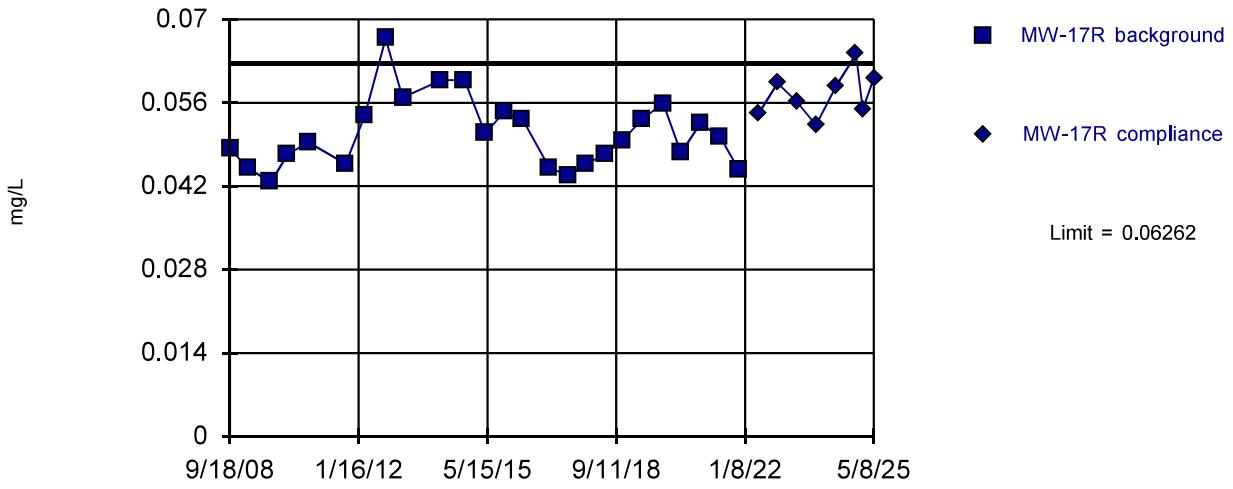
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0508, Std. Dev.=0.005887, n=25. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9365, critical = 0.888. Kappa = 2.008 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Manganese Analysis Run 6/3/2025 8:14 AM View: Prediction Limits

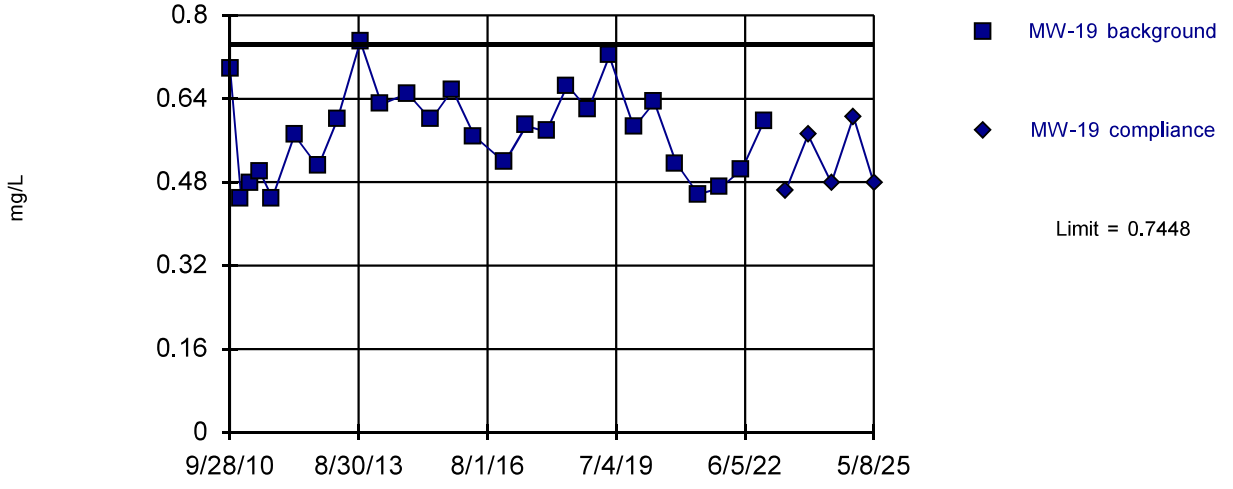
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.5765, Std. Dev.=0.0846, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.962, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Manganese Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

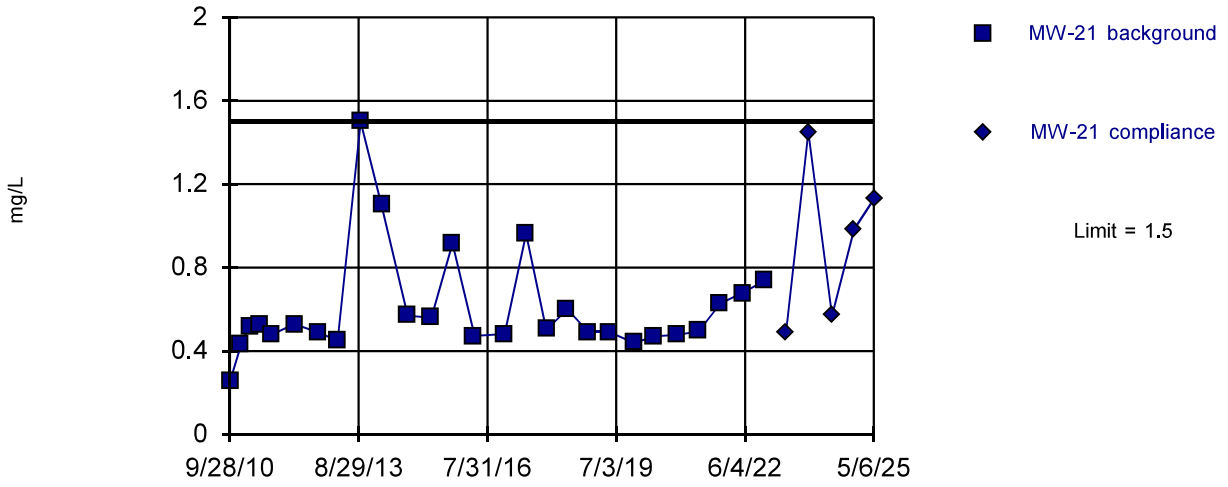
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Manganese Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

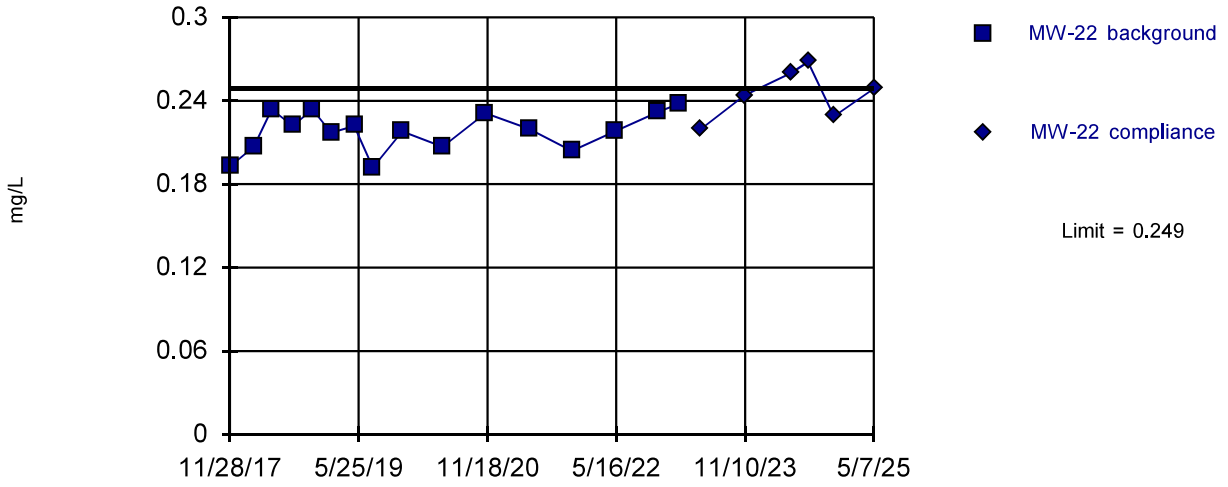
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2181, Std. Dev.=0.01427, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9343, critical = 0.844. Kappa = 2.172 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

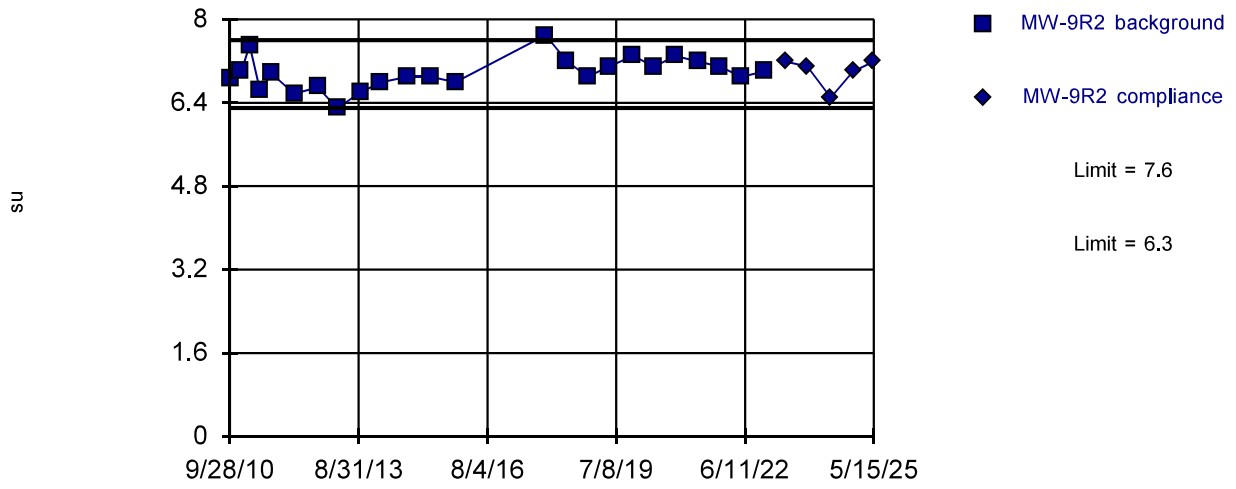
Constituent: Manganese Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.974, Std. Dev.=0.3092, n=24. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9826, critical = 0.884. Kappa = 2.022 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: pH Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

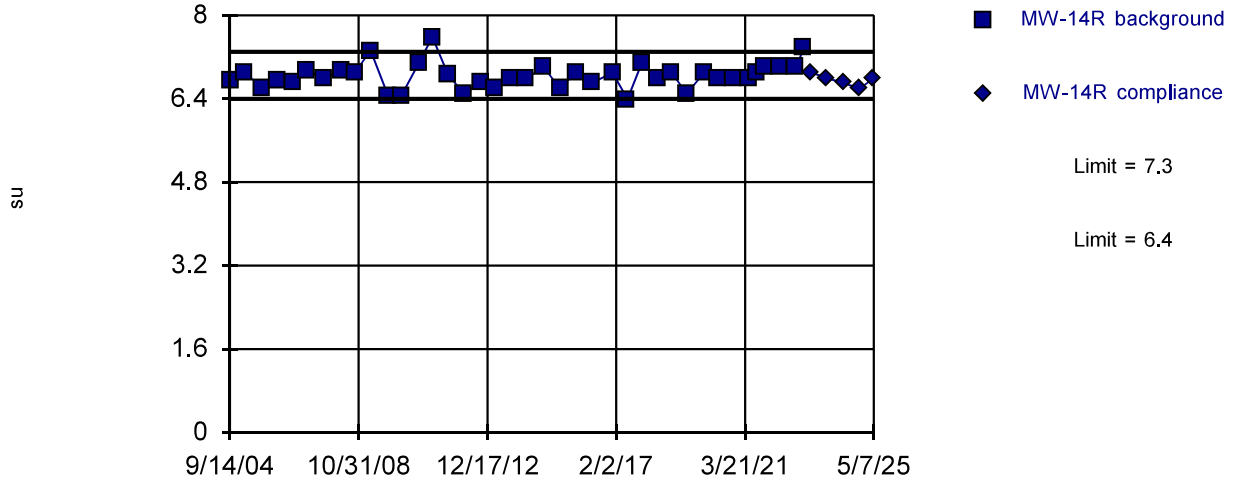
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.844, Std. Dev.=0.2481, n=39. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.917. Kappa = 1.916 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

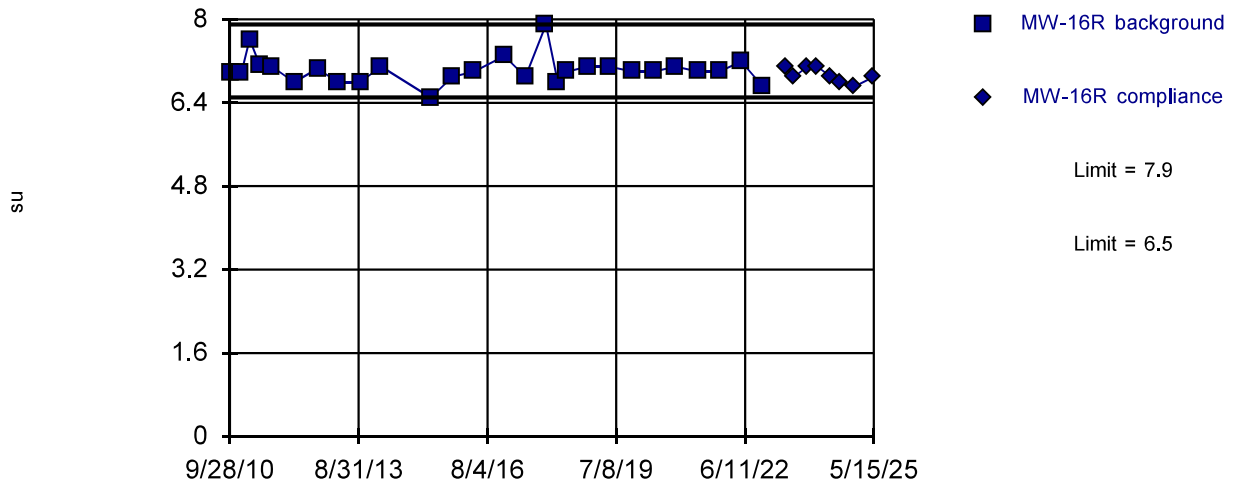
Constituent: pH Analysis Run 5/21/2025 6:14 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 27 background values. Well-constituent pair annual alpha = 0.009996. Individual comparison alpha = 0.005004 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

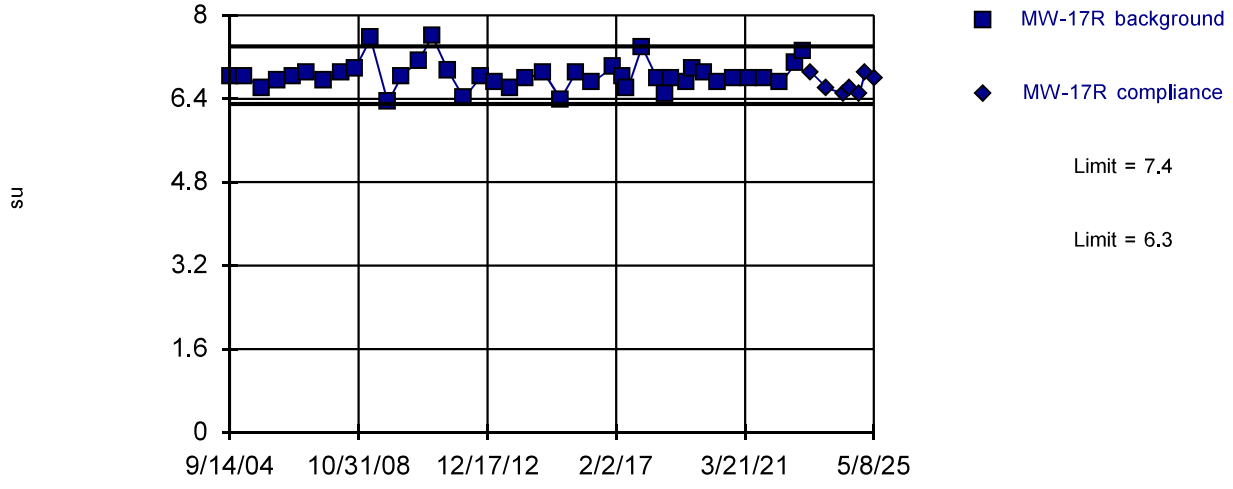
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=1.898, Std. Dev.=0.0247, n=41. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9212, critical = 0.92. Kappa = 1.908 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

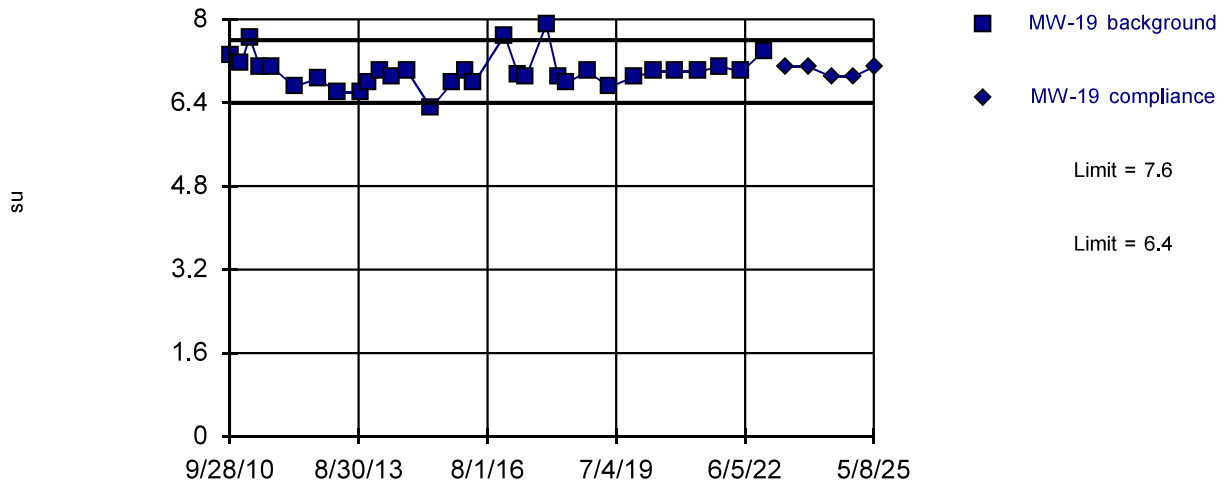
Constituent: pH Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.997, Std. Dev.=0.3234, n=32. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.904. Kappa = 1.949 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: pH Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

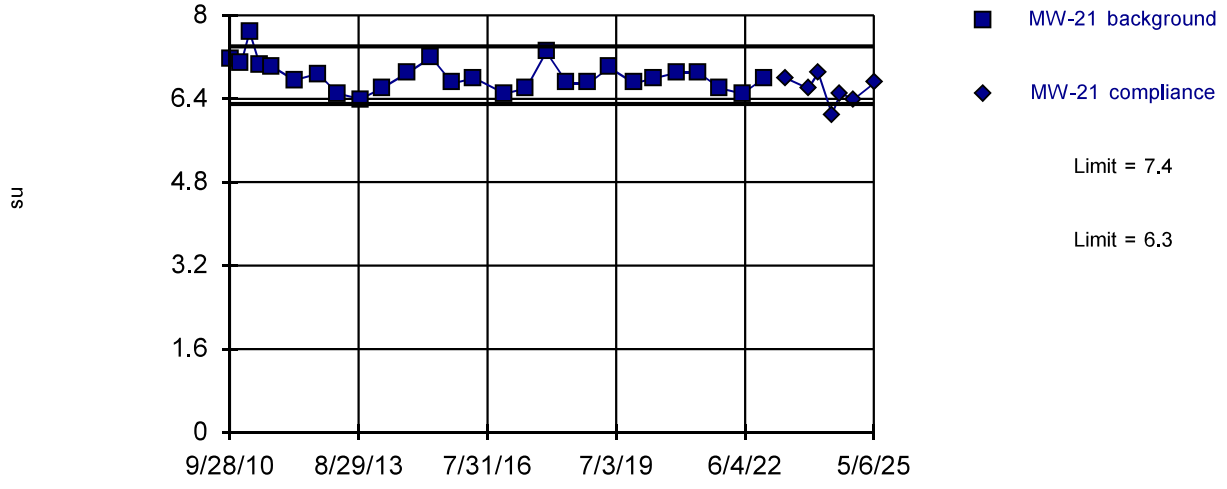
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.842, Std. Dev.=0.2869, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9443, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: pH Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

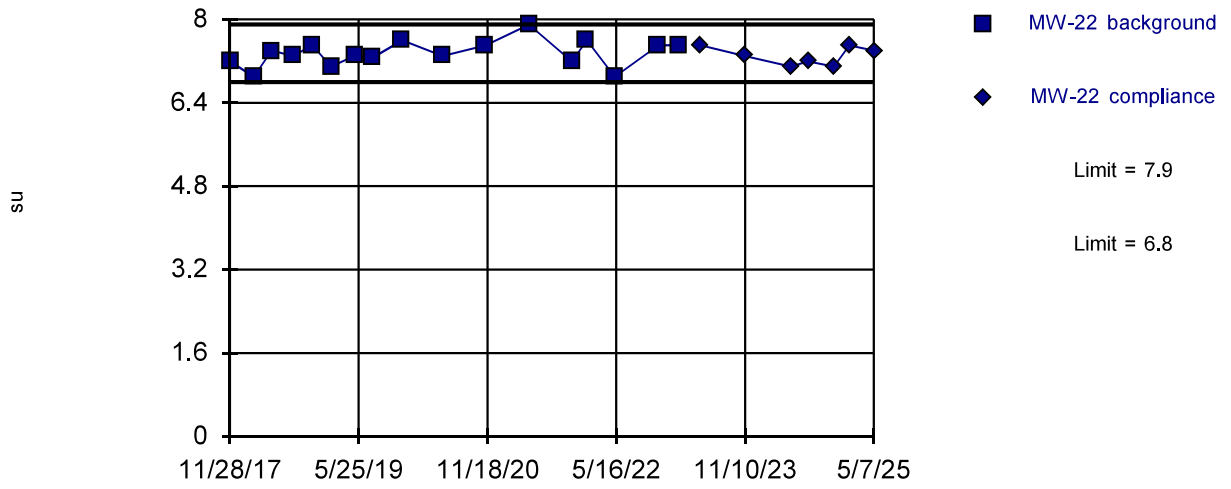
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.351, Std. Dev.=0.2557, n=17. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9593, critical = 0.851. Kappa = 2.148 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: pH Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

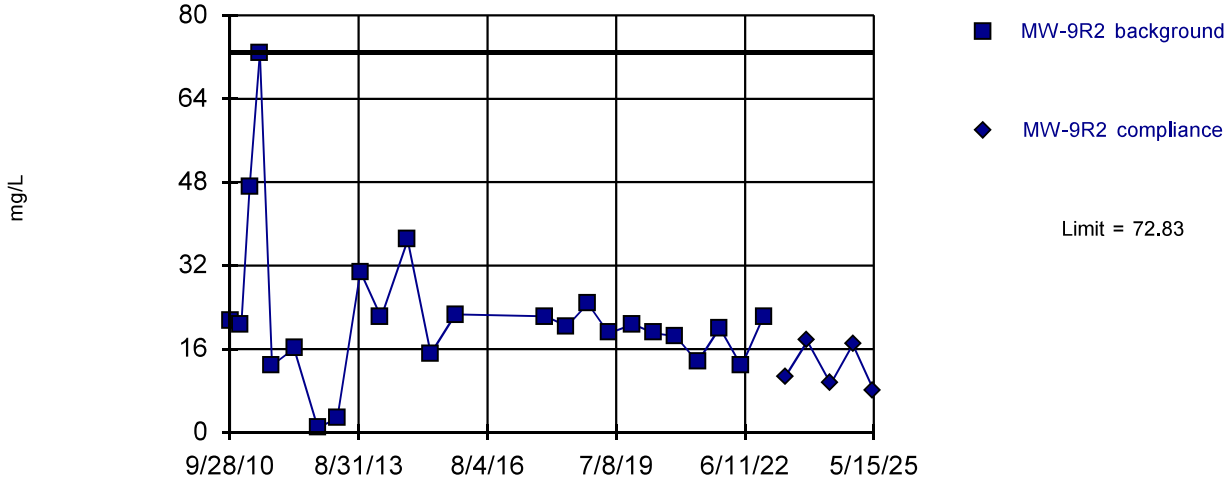
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2). Data were deseasonalized.

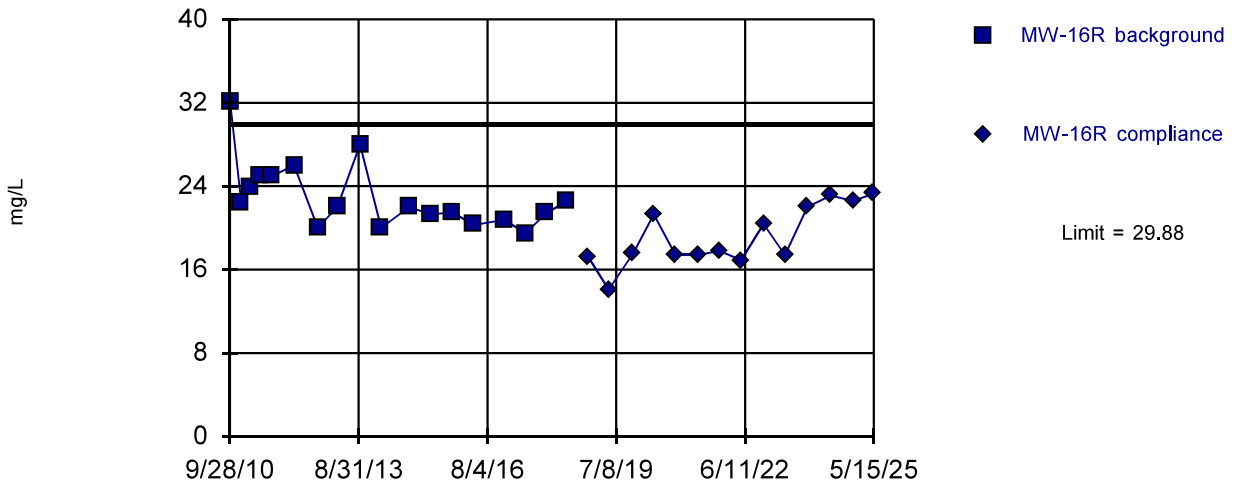
Constituent: Sulfate Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=22.99, Std. Dev.=3.24, n=18. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8588, critical = 0.858. Kappa = 2.124 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

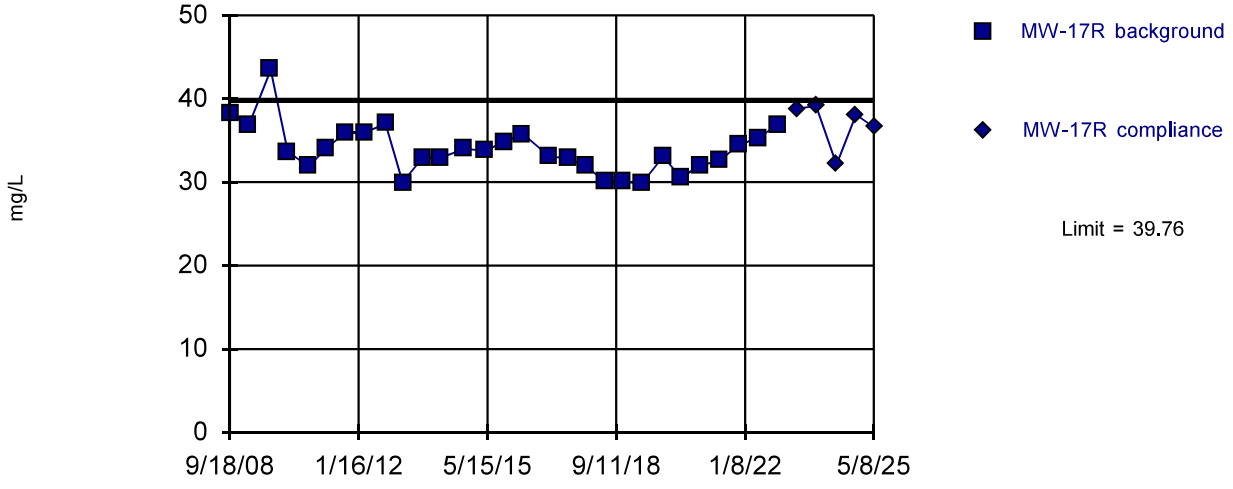
Constituent: Sulfate Analysis Run 6/4/2025 2:05 PM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=33.95, Std. Dev.=2.95, n=29. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9237, critical = 0.898. Kappa = 1.97 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

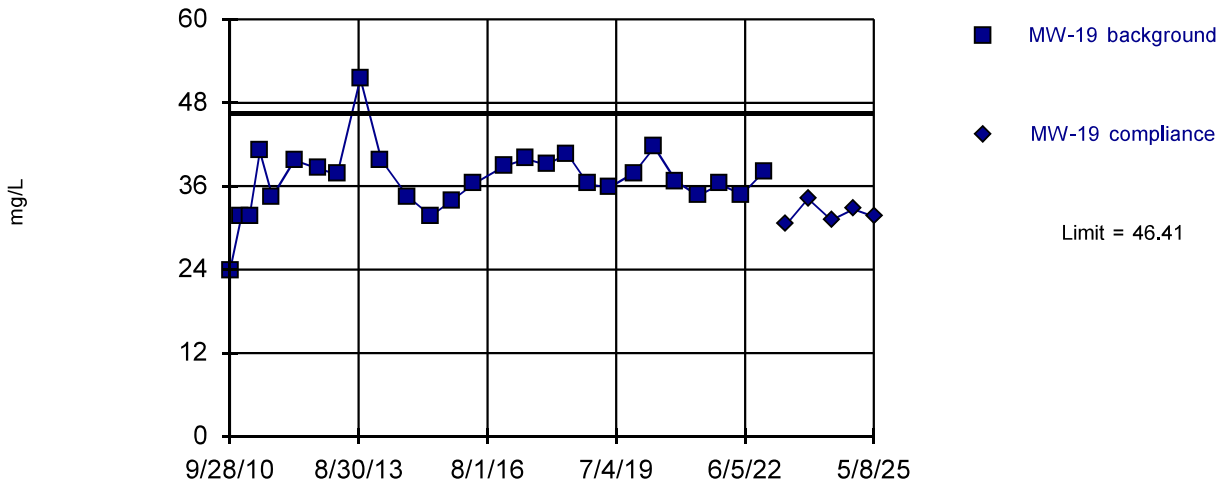
Constituent: Sulfate Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=36.95, Std. Dev.=4.756, n=27. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9161, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Sulfate Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

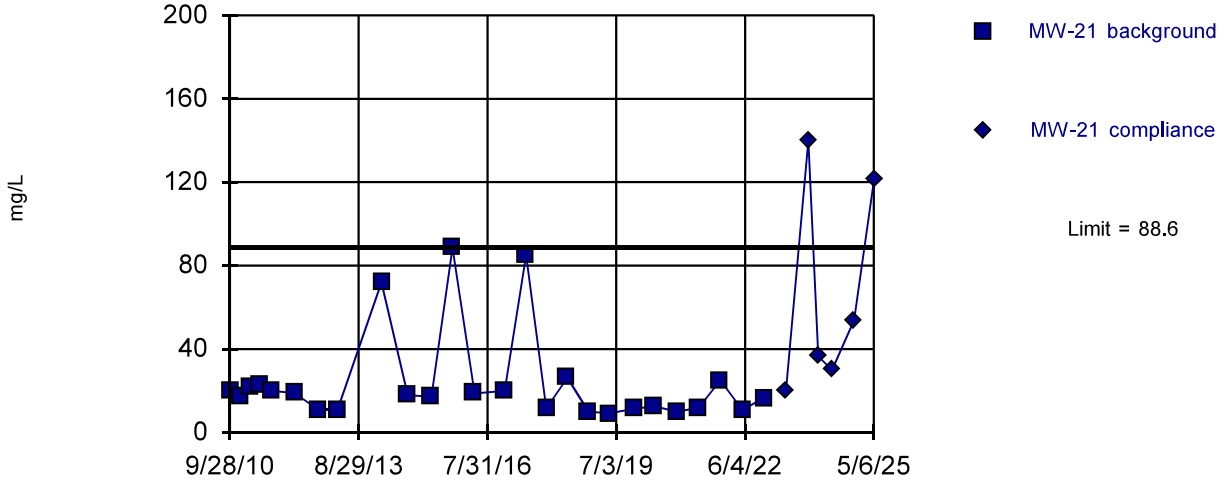
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Sulfate Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

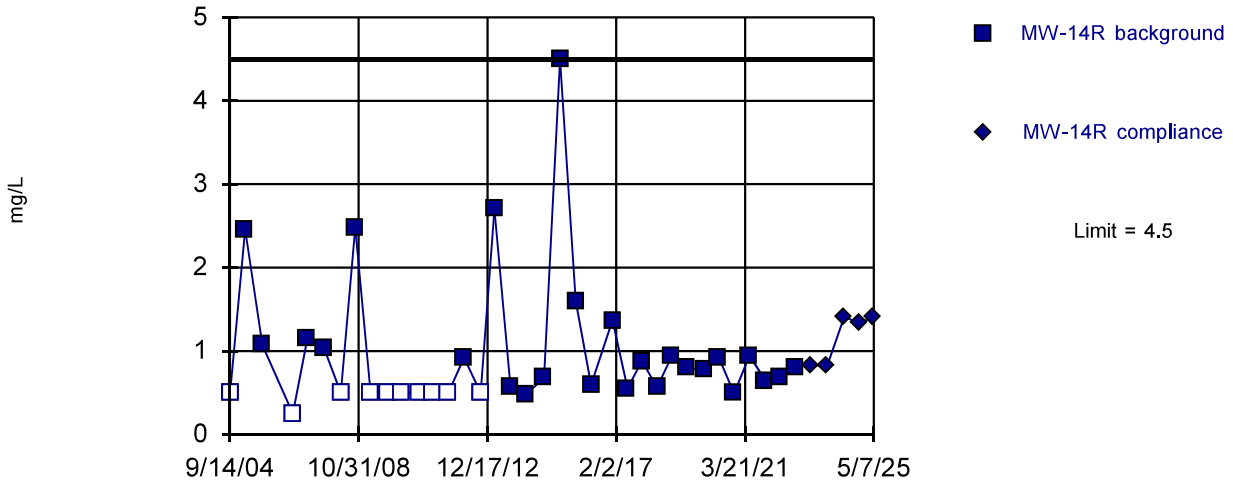
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 27.78% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: TOC [total organic carbon] Analysis Run 5/21/2025 6:15 AM View: Prediction Limits

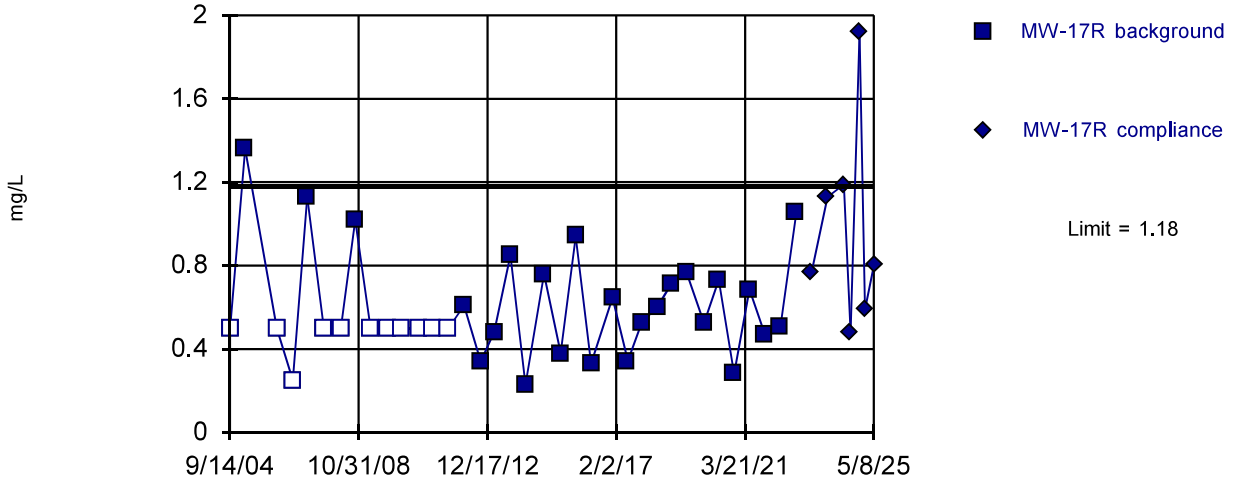
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.7663, Std. Dev.=0.1661, n=36, 30.56% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.942, critical = 0.912. Kappa = 1.928 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

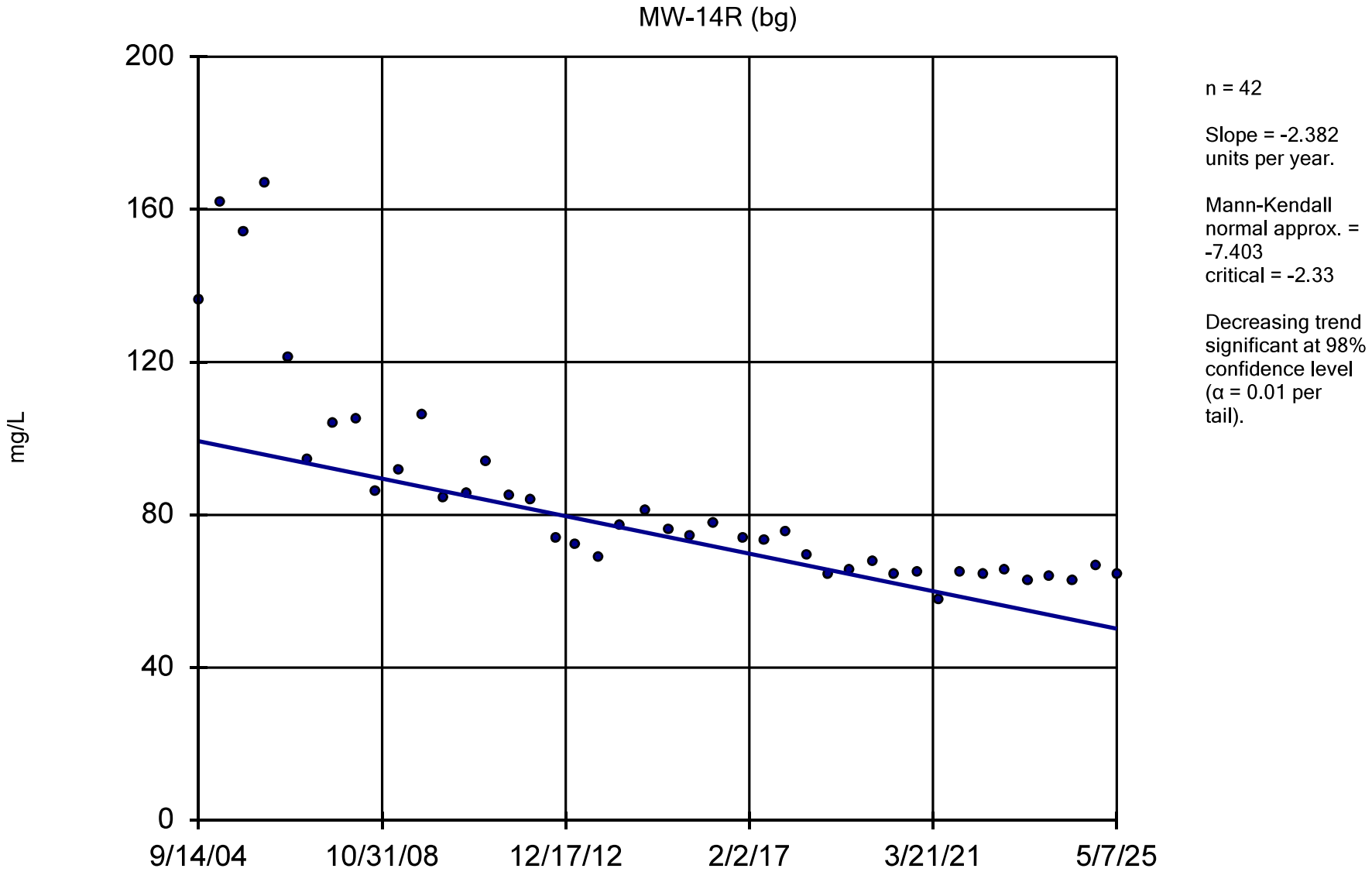
Constituent: TOC [total organic carbon] Analysis Run 6/3/2025 8:14 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

TREND TEST RESULTS
FIRST HALF 2025 DETECTION MONITORING

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Sen's Slope Estimator



Constituent: Sulfate Analysis Run 5/21/2025 5:59 AM View: Trends

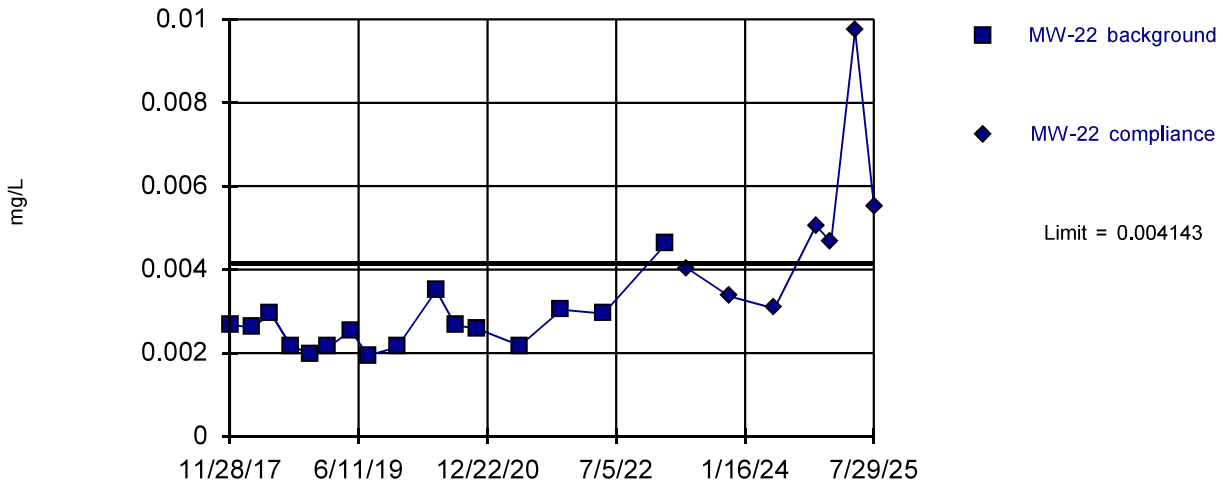
Legacy Landfill Client: CCSWDA Data: Craighead County LF[IN USE BY W23D-DV6RQ04]

PREDICTION LIMIT RESULTS
FIRST HALF 2025 VERIFICATION SAMPLING

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002669, Std. Dev.=0.0006787, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.844, critical = 0.844. Kappa = 2.172 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Arsenic Analysis Run 8/13/2025 10:26 AM View: Distributional

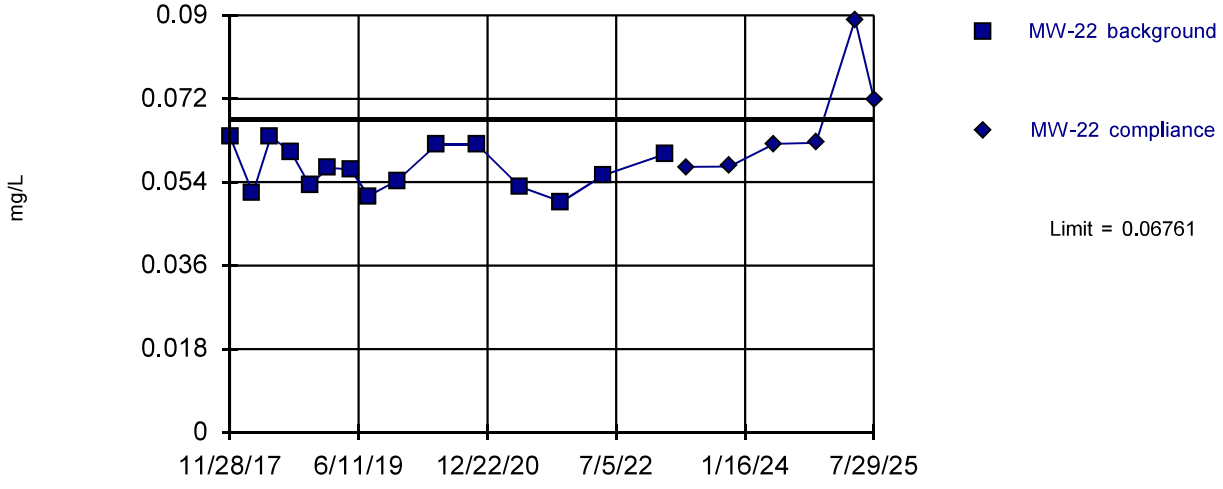
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05699, Std. Dev.=0.004792, n=15. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9305, critical = 0.835. Kappa = 2.215 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

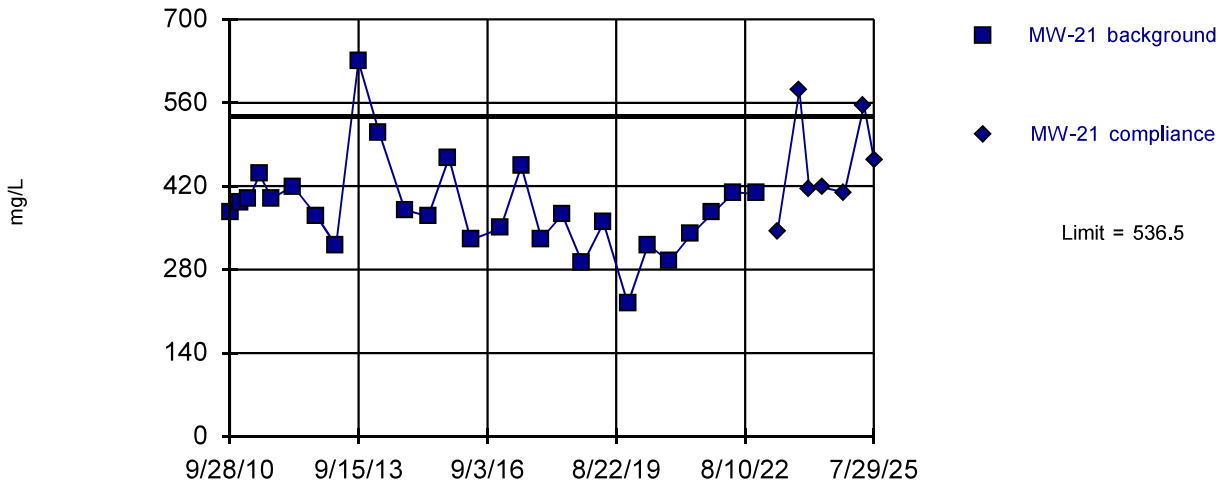
Constituent: Barium Analysis Run 8/13/2025 10:26 AM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=382.7, Std. Dev.=77.34, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9306, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Dissolved solids Analysis Run 8/13/2025 10:26 AM View: Distributional

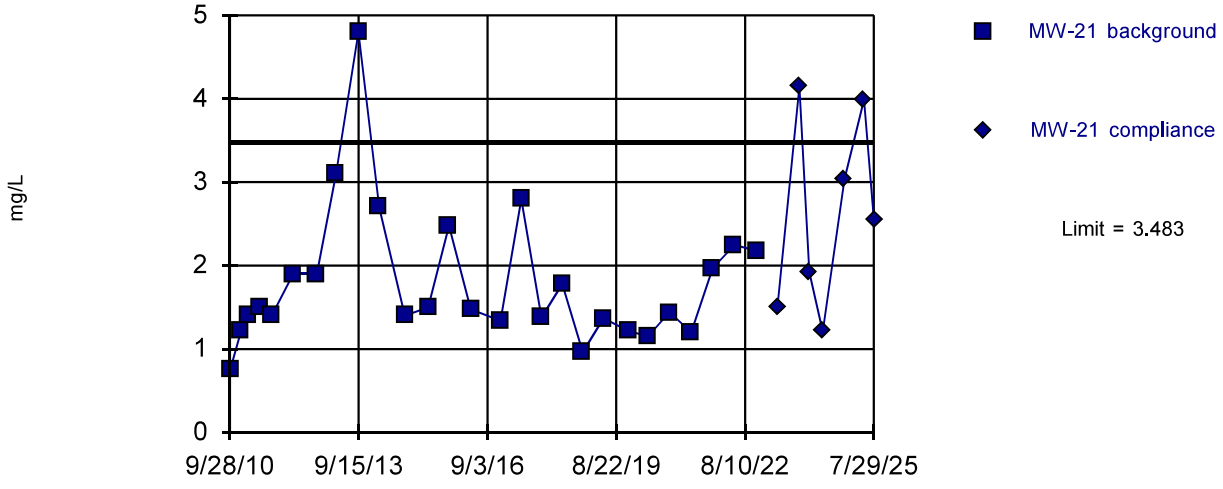
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.313, Std. Dev.=0.278, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8995, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

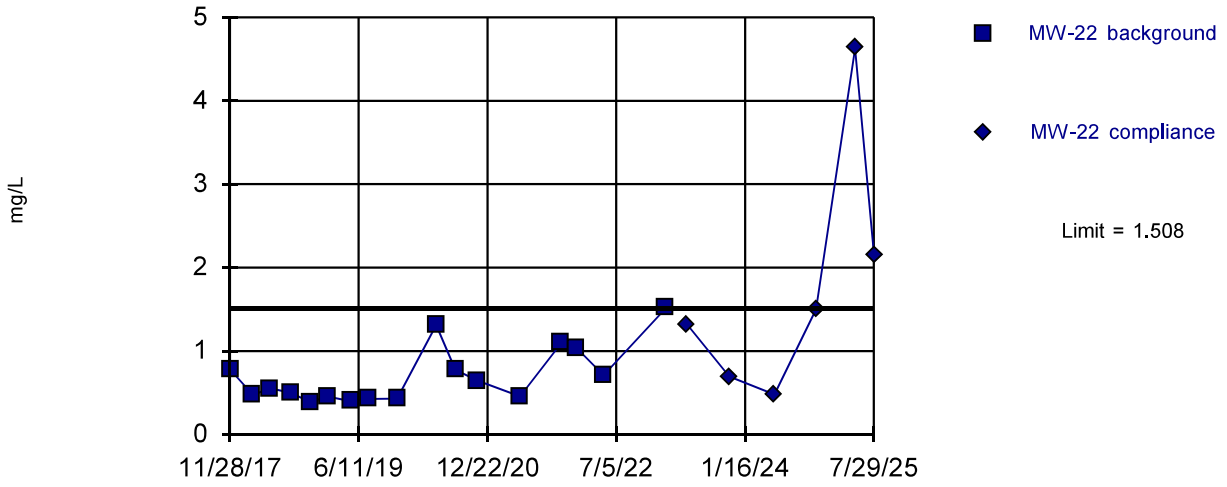
Constituent: Iron Analysis Run 8/13/2025 10:26 AM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.8183, Std. Dev.=0.1908, n=17. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8695, critical = 0.851. Kappa = 2.148 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Iron Analysis Run 8/13/2025 10:26 AM View: Distributional

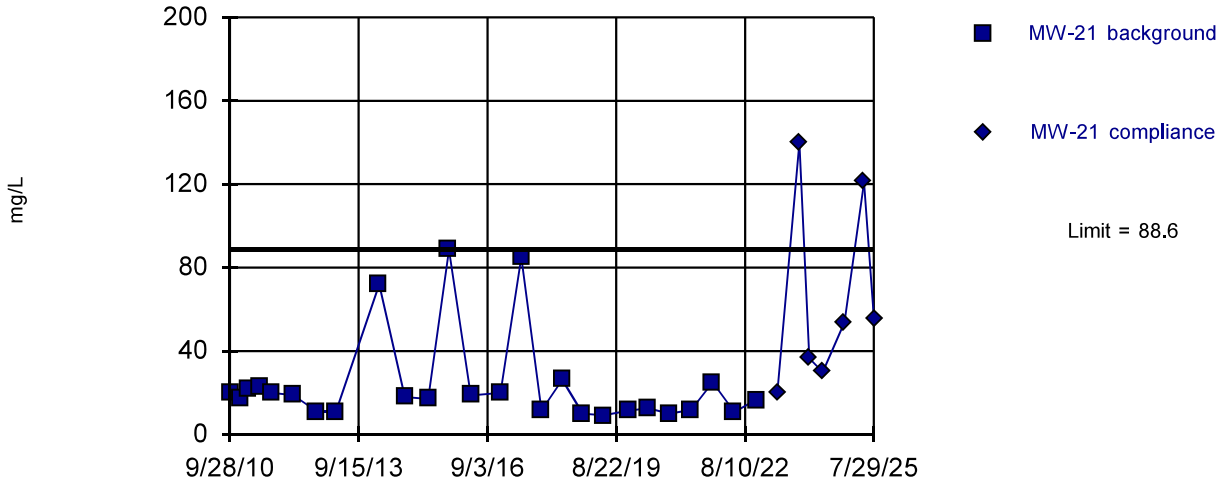
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Sulfate Analysis Run 8/13/2025 10:26 AM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF