## Haley Griffith (adpce.ad)

**From:** Andrew Pruitt <apruitt@olsson.com>
**Sent:** Wednesday, February 11, 2026 6:37 PM
**To:** EE GW Reports
**Cc:** Angela Sparks; David Passmore; Melissa Vaught
**Subject:** Craighead County Legacy Class 1 Landfill, Permit No. 0254-S1-R5: Second half 2025 groundwater monitoring report & notice of SSIs
**Attachments:** 26-02-06_ENV_CCSWDA-2H2025 GWMR.pdf

Good afternoon. On behalf of the Craighead County Legacy Landfill, Olsson has prepared the attached second 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, P.G.**
Scientist / Environmental

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February 6, 2026
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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 Second 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 second 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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# SECOND 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

February 2026

Olsson Project No. A24-01259

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**NOTICE OF STATISTICALLY SIGNIFICANT EXCEEDANCES**
**SECOND 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 second 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 second half of 2025 data set identified confirmed statistically significant increases for the wells and parameters listed in Table 1 below.

**Table 1. Confirmed SSIs, second half of 2025.**

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

# 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

2/11/2026

Date

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# 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 second 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-27R were installed as part of the landfill expansion permit modification application and are currently being sampled for background groundwater quality. As approved by DEQ dated June 25, 2025, MW-28 and MW-29 were plugged and abandoned to allow for development of the landfill expansion area. The well abandonment report dated July 17, 2025, was approved by DEQ on July 22, 2025.

**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 |

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\2H2025 CCLF\024-01259-A 2H2025 CCF REPORT FIGURE 1.dwg
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| | |
|---|---|
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| DRAWN BY: | JT |
| DATE: | 12.23.2025 |

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 August 18 and 19, 2025. Sampling for the second half of 2025 detection monitoring and background sampling event was performed November 17 through 19 and November 21, 2025. Based on statistical analysis of the data, resampling was performed on January 28, 2026, to verify a potential statistical exceedance at MW-9R2, as discussed in Section 5.4.2. The next sampling event is anticipated to occur during February 2026 for background sampling and during May 2026 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 second half of 2025 and discusses the rate and direction of groundwater flow.

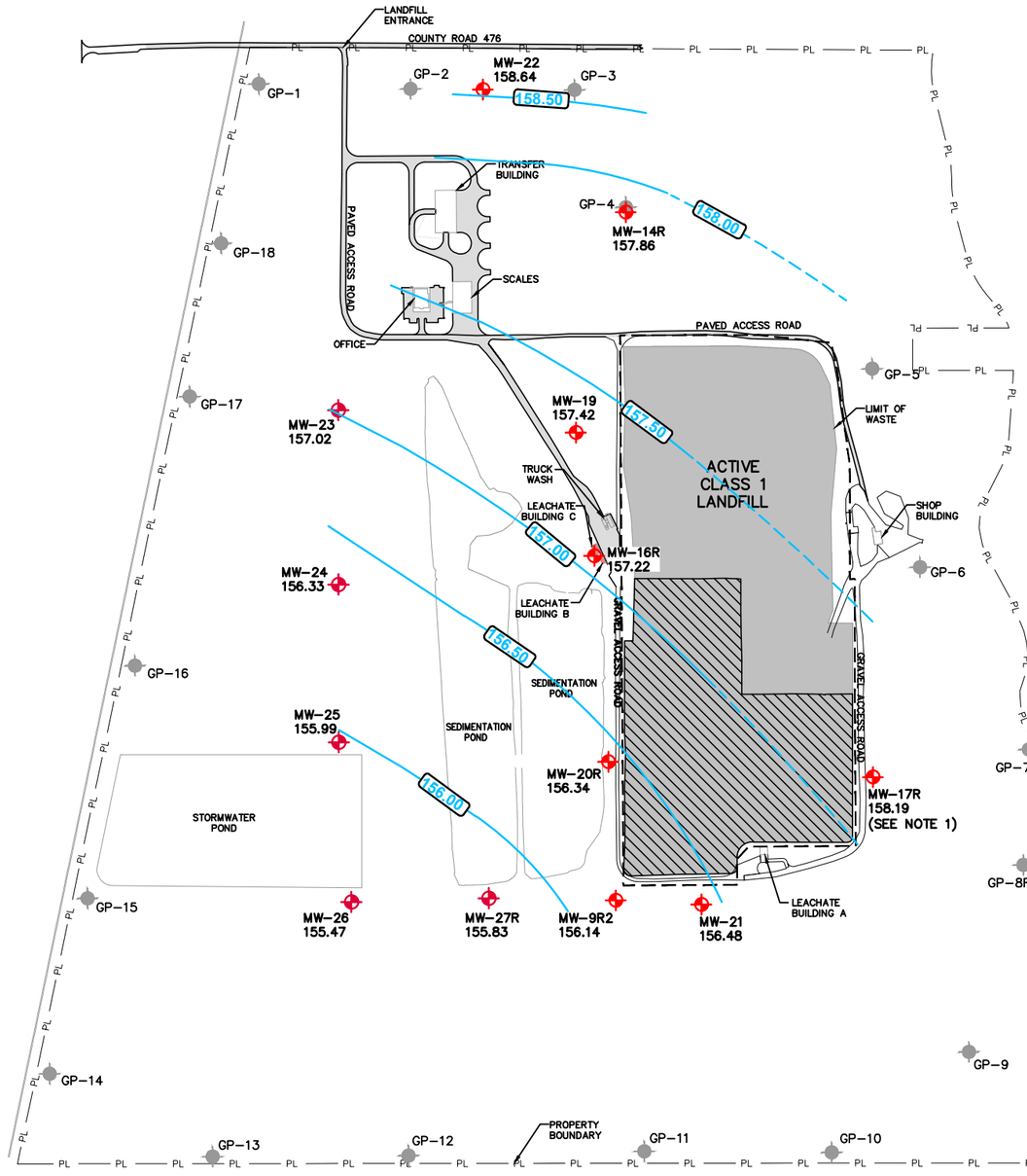
## 3.1 Water Level Measurements and Groundwater Flow Direction

Olsson performed a round of water level measurements on November 17, 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, November 17, 2025.**

| Well ID | MP Elevation (ft NAVD) | Depth to Water (ft below MP) | Groundwater Elevation (ft NAVD) |
|---|---|---|---|
| MW-9R2 | 252.85 | 96.71 | 156.14 |
| MW-14R | 265.80 | 107.94 | 157.86 |
| MW-16R | 259.61 | 102.39 | 157.22 |
| MW-17R | 282.11 | 123.92 | 158.19 |
| MW-19 | 264.38 | 106.96 | 157.42 |
| MW-20R | 257.83 | 101.49 | 156.34 |
| MW-21 | 253.10 | 96.62 | 156.48 |
| MW-22 | 260.59 | 101.95 | 158.64 |
| MW-23 | 248.69 | 91.67 | 157.02 |
| MW-24 | 251.37 | 95.04 | 156.33 |
| MW-25 | 252.09 | 96.10 | 155.99 |
| MW-26 | 252.85 | 97.38 | 155.47 |
| MW-27R | 253.19 | 97.36 | 155.83 |




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.

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| DRAWN BY: | JT |
| DATE: | 01.09.2026 |

Figure 2. Potentiometric Surface, November 17, 2025.

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## 3.2 Hydraulic Gradient and Rate of Groundwater Flow

The hydraulic gradient across the active disposal area during the second half of 2025 was estimated to be 7.5 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 91 ft/year to 213 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 second 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 second 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 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 November 2025, which had a turbidity level of 22 NTU, despite purging the well for an extended period (over 2 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 second 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 August quarterly background monitoring event, November detection monitoring event and January resample event are summarized below. Trip blanks were not submitted to the analytical laboratory for the August and November 2025 sampling events.

- The August 2025 field duplicate, MW-24 DUP, was taken at monitoring well MW-24. 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 August 2025 equipment rinsate blank (EB-1).
- The November 2025 field duplicate, MW-20R DUP, was taken at monitoring well MW-20R. The calculated RPDs were below the quality control limit of 20% for the duplicate pair, with the exception of TDS.
- There were no detections above the laboratory RDL in the November 2025 equipment rinsate blank (EB-1).
- The January 2026 field duplicate, MW-9R2 DUP, was taken at monitoring well MW-9R2. 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 January 2026 equipment rinsate blank (EB-2).

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

| Well / Sample ID | Date Collected | Arsenic (mg/L) | Barium (mg/L) | Chloride (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, August 2025** | | | | | | | | | | | | | | |
| MW-23 | 08/18/2025 | 0.000975 J | 0.15 | 7.79 | <0.00500 | 2.53 | 0.314 | <0.00200 | 27.6 | 564 | 0.637 J | <0.00100 | 6.9 | 9.5 |
| MW-24 | 08/18/2025 | 0.000597 J | 0.264 | 37.5 | <0.00500 | 5.86 | 0.68 | <0.00200 | 99.9 | 555 | 0.731 J | <0.00100 | 6.6 | 5.5 |
| MW-25 | 08/18/2025 | 0.00112 J | 0.128 | 5.98 | <0.00500 | 1.94 | 0.511 | <0.00200 | 14.8 | 294 | 0.7 J | <0.00100 | 6.8 | 3.4 |
| MW-26 | 08/19/2025 | 0.000723 J | 0.221 | 31.8 | <0.00500 | 4.35 | 0.604 | <0.00200 | 58.6 | 428 | 0.718 J | <0.00100 | 7.0 | 6.0 |
| MW-27R | 08/19/2025 | 0.000643 J | 0.196 | 8.45 | 0.000735 JB | 4.06 | 0.56 | <0.00200 | 16.7 | 390 | 0.547 J | <0.00100 | 6.7 | 4.2 |
| **Second Half 2025 Detection Monitoring, November 2025** | | | | | | | | | | | | | | |
| MW-9R2 | 11/19/2025 | 0.00284 | 0.182 | 7.8 | 0.0016 JB | 2.78 | 0.849[a] | 0.0077 | 20.3 | 320 | 0.698 J | <0.00100 | 6.7 | 3.9 |
| MW-14R | 11/18/2025 | 0.00251 | 0.283 | 42.1 | 0.00227 JB | 8.59 | 0.313 | <0.00200 | 65.9 | 559 | 0.752 J | <0.00100 | 6.8 | 22 |
| MW-16R | 11/18/2025 | 0.0011 J | 0.123 | 9.57 | 0.000895 JB | 1.12 | 0.638 | <0.00200 | 24.1 | 349 | 0.817 J | <0.00100 | 6.9 | 3.0 |
| MW-17R | 11/18/2025 | 0.000892 J | 0.149[a] | 7.87 | <0.00500[a] | 2.29 | 0.0414 | <0.00200 | 36.1 | 456 | 0.843 J | <0.00100 | 6.8 | 3.2 |
| MW-19 | 11/18/2025 | 0.00107 J | 0.177 | 9.95 | 0.00129 JB | 1.34 | 0.596 | <0.00200 | 28.5 | 368 | 0.914 J | <0.00100 | 7.0 | 3.0 |
| MW-20R | 11/19/2025 | 0.000407 J | 0.145 | 7.87 | 0.002 JB | 2.6 | 0.832 | <0.00200 | 19.9 | 231 | 0.89 J | 0.0015 | 6.6 | 3.0 |
| MW-21 | 11/21/2025 | 0.00136 J | 0.113 | 5.77 | 0.00167 JB | 1.18 | 0.35 | <0.00200 | 10.2 | 295 | 0.849 J | <0.00100 | 7.1 | 4.3 |
| MW-22 | 11/18/2025 | 0.0043[a] | 0.0661 | 4.23 | 0.00104 JB | 1.05 | 0.293[a] | <0.00200 | 10.4 | 224 | 0.713 J | <0.00100 | 7.2 | 7.1 |
| MW-23 | 11/19/2025 | 0.00168 J | 0.132 | 7.73 | 0.00159 JB | 2.47 | 0.287 | <0.00200 | 25.9 | 372 | 0.866 J | <0.00100 | 6.9 | 9.0 |
| MW-24 | 11/19/2025 | 0.00126 J | 0.177 | 13 | 0.00133 JB | 3.94 | 0.38 | <0.00200 | 38 | 455 | 0.988 J | <0.00100 | 6.8 | 9.7 |
| MW-25 | 11/19/2025 | 0.00119 J | 0.231 | 35.1 | 0.00113 JB | 4.99 | 0.621 | <0.00200 | 63.5 | 308 | 0.888 J | <0.00100 | 6.6 | 2.8 |
| MW-26 | 11/21/2025 | 0.0012 J | 0.129 | 6.76 | 0.000903 JB | 2.21 | 0.529 | <0.00200 | 16 | 351 | 0.867 J | <0.00100 | 7.0 | 5.9 |
| MW-27R | 11/21/2025 | 0.000699 J | 0.169 | 9.25 | <0.00500 | 3.69 | 0.468 | <0.00200 | 17.2 | 348 | 1.01 | <0.00100 | 6.7 | 2.8 |
| **Second Half 2025 Verification Sampling, January 2026** | | | | | | | | | | | | | | |
| MW-9R2 | 1/28/2026 | --- | --- | --- | --- | --- | 0.389 | --- | --- | --- | --- | --- | 7.1 | 0.4 |
| **QA/QC Samples** | | | | | | | | | | | | | | |
| MW-24 DUP[b] | 08/18/2025 | 0.000506 J | 0.261 | 36.4 | <0.00500 | 5.69 | 0.66 | <0.00200 | 98.8 | 549 | 0.69 J | <0.00100 | --- | --- |
| EB-1 | 08/19/2025 | <0.00200 | <0.00200 | <1.00 | <0.00500 | <0.100 | <0.00500 | <0.00200 | <5.00 | <50.0 | <1.00 | <0.00100 | --- | --- |
| MW-20R DUP[c] | 11/19/2025 | 0.000405 J | 0.144 | 7.45 | 0.000928 JB | 2.6 | 0.825 | <0.00200 | 19.5 | 328 | 1.06 | 0.00161 | --- | --- |
| EB-1 | 11/21/2025 | <0.00200 | 0.000531 J | <1.00 | 0.000931 JB | 0.0323 J | <0.00500 | <0.00200 | <5.00 | <10.0 | <1.00 | <0.00100 | --- | --- |
| MW-9R2 DUP[d] | 1/28/2026 | --- | --- | --- | --- | --- | 0.393 | --- | --- | --- | --- | --- | --- | --- |
| EB-2 | 1/28/2026 | --- | --- | --- | --- | --- | <0.00500 | --- | --- | --- | --- | --- | --- | --- |
| **EPA MCL** | | **0.01** | **2** | **---** | **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-24 DUP was a duplicate of MW-24 and EB-1 was a field equipment rinsate blank for the August 2025 background sampling event.
c. MW-20R DUP was a duplicate of MW-20R and EB-1 was a field equipment rinsate blank for the November 2025 sampling event.
d. MW-9R2 DUP was a duplicate of MW-9R2 and EB-2 was a field equipment rinsate blank for the January 2026 verification sampling event.

# 5. STATISTICAL EVALUATION

This section describes the statistical approach and evaluation of the second 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.

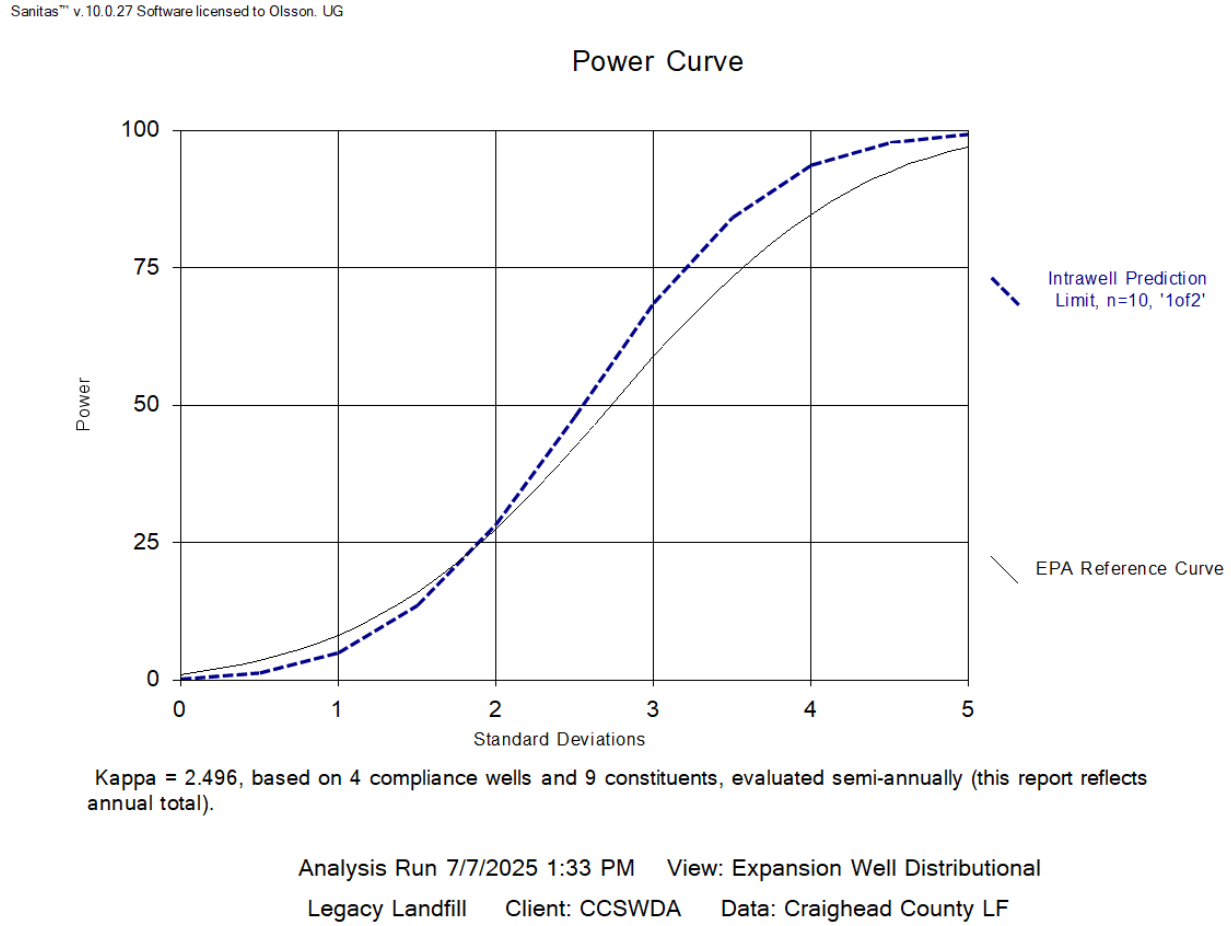



**Figure 3. Power curve, 2025 semiannual detection monitoring.**

## 5.4 Statistical Evaluation Results

Detected constituents during the second half of 2025 were evaluated using the *Sanitas* software program, with the exception of replacement well MW-20R and MW-23 through MW-27R, 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, no outliers were identified in the second half of 2025 data set.

### 5.4.2 Prediction Limit Evaluation

Detected data from the second 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 five previously confirmed SSIs for arsenic and manganese at upgradient MW-22, barium, and TDS at upgradient MW-17R, iron at upgradient MW-14R, and one unverified SSI for manganese at MW-9R2.

Verification sampling was performed on January 28, 2026, for the unverified SSI. As shown in Table 6, results disconfirmed the SSI for manganese at MW-9R2. 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, second half of 2025.**

| Well ID | Parameter | Prediction Limit (mg/L) | November 2025 Sampling Result (mg/L) | January 2026 Verification Result (mg/L) | SSI Confirmed? |
|---|---|---|---|---|---|
| MW-22 (upgradient) | Arsenic | 0.004143 | 0.0043[a] | N/A[b] | Yes[b] |
| MW-17R (upgradient) | Barium | 0.1315 | 0.149[a] | N/A[b] | Yes[b] |
| MW-14R (upgradient) | Iron | 6.641 | 8.59 | N/A[b] | Yes[b] |
| MW-9R2 | Manganese | 0.7984 | 0.849[a] | 0.389 | No |
| MW-22 (upgradient) | Manganese | 0.249 | 0.293[a] | N/A[b] | Yes[b] |
| MW-17R (upgradient) | TDS | 391.8 | 456 | N/A[b] | Yes[b] |

Notes:
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 second 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 submittals dated August 15, 2024 and August 14, 2025), the previous ASDs approved by DEQ (DINs 80741, 81846, 82795, and 83964) and pending DEQ review (DINs 84649, 85333 and submittals dated November 8, 2024 and November 10, 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 that 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 second 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 second 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. Five previously confirmed SSIs for arsenic and manganese at upgradient MW-22, barium, and TDS at upgradient MW-17R, and iron at upgradient MW-14R, and one potential SSI for manganese at MW-9R2, were identified by the intrawell prediction limit analysis. Verification sampling performed on January 28, 2026, disconfirmed the SSI manganese at MW-9R2.
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 that 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 second 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 second 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
# AUGUST 2025

olsson

# Groundwater Level Data Sheet

| Project Name: | Project Number: | Investigator: | Page 2 of 2 |
|---|---|---|---|
| Craighead County Legacy Landfill | A24-01259 | Michael Clinton | |
| **Weather Conditions:** | **Measuring Device:** | | |
| Clear 90° ESE @ 5 mph | GeoTech 200' | | |

| Well ID | Date | Time | Depth to Water (ft below TOC) | Damages/Repairs | | |
|---|---|---|---|---|---|---|
| MW-23 | 8/18/25 | 913 | 91.68 | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☑ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| MW-24 | | 922 | 95.04 | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☑ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| MW-25 | | 941 | 96.18 | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☑ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| MW -26 | | 949 | 97.49 | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| MW -27R | ↓ | 1004 | 97.55 | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| MW -28 | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| MW -29 | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| MW-16R | 8/18/25 | 903 | 102.40 | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☑ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| MW-19 | 8/18/25 | 855 | 106.93 | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☑ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |
| | | | | ☐ Damaged well pad/casing<br>☐ Damaged bollards<br>☐ Damaged equipment | ☐ Damaged TOC<br>☐ Damaged lock<br>☐ Unkept vegetation | ☐ Lacks visibility<br>☐ Lacks access<br>☐ See GW sampling record |

Notes:
TOC=top of casing
GW=groundwater

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW23 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 8/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: PC | Air Temp (°F): 96 | Wind: ESE @ 5 | | | |
| 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' ☐ Heron Dipper –T ☒ Geotech/Keck 200' ☐ Solinst 101 ☐ Other:

| | | Pre-purge initial | Pre-purge confirmation | During purging | Purge end | After sampling | Remarks |
|---|---|---|---|---|---|---|---|
| Date | mm/dd/yy | 8/18/25 | | | | | |
| Time | 24-hour | 913 | 1200 | 1233 | 1303 | 1325 | |
| Depth to Water | feet | 91.68 | 91.68 | 91.68 | 91.67 | 91.67 | |
| 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

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 | 1210 | 1215 | 1220 | 1225 | 1230 | 1235 | 1240 | 1245 | 1250 | 1255 | 1300 | 1305 Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 |
| pH | su | 6.49 | 6.54 | 6.60 | 6.67 | 6.72 | 6.73 | 6.77 | 6.84 | 6.89 | 6.91 | 6.93 | 6.94 |
| Temp. | °C | 21.86 | 21.61 | 21.51 | 21.60 | 21.45 | 21.21 | 21.27 | 21.66 | 21.71 | 21.82 | 21.75 | 21.69 |
| Sp. Cond. | µS/cm | 523 | 518 | 516 | 513 | 513 | 510 | 509 | 511 | 513 | 515 | 515 | 518 |
| D.O. | mg/L | 0.38 | 0.29 | 0.23 | 0.22 | 0.21 | 0.19 | 0.20 | 0.19 | 0.19 | 0.17 | 0.17 | 0.17 |
| ORP | mV | 23.4 | 8.5 | -6.6 | -5.8 | -4.2 | -9.4 | -15.3 | -19.9 | -24.2 | -24.5 | -26.6 | -30.2 |
| Turbidity | NTU | 36.9 | 87.7 | 79.6 | 61.4 | 45.5 | 23.1 | 18.6 | 14.3 | 12.0 | 10.7 | 10.0 | 9.46 |
| Color/tint | | cloudy | → | → | → | → | Clear | → | → | → | → | → | → |
| Odor | | none | → | → | → | → | → | → | → | → | → | → | → |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW23 | 8/18/25 | 1310 | 6 | 0 | |
| | | | | | |
| | | | | | |

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: 8/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: P/C | Air Temp (°F): 99 | Wind: E @ 6 | | | |
| 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 | 8/18/25 | 8/18/25 | → | → | | |
| Time | 24-hour | 922 | 1340 | 1347 | 1414 | 1450 | |
| Depth to Water | feet | 95.04 | 95.05 | 95.05 | ~~94.95~~ 95.05 | ~~94.95~~ 95.05 | |
| 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

Well goes dry during purging: Yes (No)

= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]$^2$ × 0.0408

| | | | | | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Time | 24-hour | 1345 | 1350 | 1355 | 1400 | 1405 | 1410 | | | | | | |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 260 | 260 | 260 | 260 | 260 | 260 | | | | | | |
| pH | su | 6.58 | 6.59 | 6.57 | 6.60 | 6.63 | 6.63 | | | | | | |
| Temp. | °C | 22.50 | 22.03 | 21.99 | 21.45 | 21.41 | 21.63 | | | | | | |
| Sp. Cond. | µS/cm | 818 | 832 | 873 | 889 | 885 | 876 | | | | | | |
| D.O. | mg/L | 0.76 | 0.44 | 0.22 | 0.22 | 0.21 | 0.22 | | | | | | |
| ORP | mV | -7.9 | -11.4 | -16.7 | -17.6 | -17.8 | -17.8 | | | | | | |
| Turbidity | NTU | 350 | 520 | 203 | 128 | 68.8 | 53.0 | | | | | | |
| Color/tint | | Cloudy → | Clear → | → | → | → | → | | | | | | |
| Odor | | None → | → | → | → | → | → | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW24 | 8/18/25 | 1415 | 6 | 0 | |
| MW24 Dup | 8/18/25 | 1420 | 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: 8/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: P/C | Air Temp (°F): 94 | Wind: ESE @ 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 | 8/18/25 | 8/18/25 | → | → | → | |
| Time | 24-hour | 941 | 1520 | 1532 | 1547 | 1612 | |
| Depth to Water | feet | 96.18 | 96.09 | 96.09 | 96.09 | 96.09 | |
| 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 | | | | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | | |
| Purge rate | mL/min | 210 | 210 | 210 | 210 | 210 | | | | | | | | |
| pH | su | 6.71 | 6.69 | 6.72 | 6.74 | 6.75 | | | | | | | | |
| Temp. | °C | 25.31 | 23.01 | 22.88 | 23.09 | 23.04 | | | | | | | | |
| Sp. Cond. | µS/cm | 732 | 737 | 721 | 713 | 716 | | | | | | | | |
| D.O. | mg/L | 4.72 | 0.97 | 0.58 | 0.50 | 0.54 | | | | | | | | |
| ORP | mV | 50.7 | -21.3 | -28.8 | -30.5 | -30.5 | | | | | | | | |
| Turbidity | NTU | 6.03 | 4.24 | 3.55 | 3.10 | 3.36 | | | | | | | | |
| Color/tint | | Clear | → | → | → | → | | | | | | | | |
| Odor | | None | → | → | → | → | | | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW 25 | 8/18/25 | 1550 | 6 | 0 | |
| | | | | | |
| | | | | | |

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

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW26 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 8/19/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: PC | Air Temp (°F): 85 | Wind: WNW 22 | | | |
| 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 | 8/18/25 | 8/19/25 | → | → | → | |
| Time | 24-hour | 949 | 820 | 843 | 908 | 927 | |
| Depth to Water | feet | 97.49 | 97.45 | 97.45 | 97.45 | 97.45 | |
| 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 | 830 | 835 | 840 | 845 | 850 | 855 | 900 | 905 | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | | | | |
| pH | su | 7.09 | 6.47 | 6.82 | 6.90 | 7.00 | 7.03 | 7.03 | 7.03 | | | | |
| Temp. | °C | 21.97 | 21.09 | 20.92 | 20.85 | 21.13 | 21.00 | 21.01 | 20.96 | | | | |
| Sp. Cond. | µS/cm | 461 | 455 | 451 | 449 | 445 | 445 | 444 | 444 | | | | |
| D.O. | mg/L | 6.46 | 3.09 | 2.18 | 0.79 | 0.50 | 0.46 | 0.42 | 0.43 | | | | |
| ORP | mV | -6.3 | -17.4 | -20.1 | -53.7 | -59.5 | -43.9 | -61.8 | -60.1 | | | | |
| Turbidity | NTU | 10.4 | 17.4 | 17.3 | 12.7 | 8.92 | 7.58 | 6.60 | 5.47 | | | | |
| Color/tint | | Clear | → | → | → | → | → | → | → | | | | |
| Odor | | None | → | → | → | → | → | → | → | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW26 | 8/19/25 | 910 | 6 | 0 | |
| | | | | | |
| | | | | | |

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

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW 27 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 8/19/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: P/C | Air Temp (°F): 89 | Wind: WSW 1 | | | |
| 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 | 8/18/25 | 8/19/25 | → | → | → | |
| Time | 24-hour | 1004 | 940 | 958 | 1019 | 1033 | |
| Depth to Water | feet | 97.55 | 97.50 | 97.50 | 97.50 | 97.50 | |
| 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 | 950 | 955 | 1000 | 1005 | 1010 | 1015 | | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 200 | 200 | 200 | 200 | 200 | 200 | | | | | | |
| pH | su | 6.46 | 6.65 | 6.65 | 6.67 | 6.71 | 6.73 | | | | | | |
| Temp. | °C | 22.40 | 21.49 | 21.20 | 20.91 | 21.00 | 21.04 | | | | | | |
| Sp. Cond. | µS/cm | 624 | 625 | 622 | 621 | 620 | 621 | | | | | | |
| D.O. | mg/L | 1.55 | 0.89 | 0.64 | 0.53 | 0.34 | 0.26 | | | | | | |
| ORP | mV | -21.7 | -52.5 | -46.4 | -46.4 | -47.4 | -47.1 | | | | | | |
| Turbidity | NTU | 6.13 | 5.24 | 4.57 | 4.43 | 4.58 | 4.18 | | | | | | |
| Color/tint | | Clear | → | → | → | → | → | | | | | | |
| Odor | | Clear | → | → | → | → | → | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW27 | 8/19/25 | 1020 | 6 | 0 | |
| EE-2 | 8/19/25 | 1100 | 6 | 0 | |
| | | | | | |

Sampler's Name (print): Michael Clayton

Sampler Signature: Michael Clayton

# SECOND HALF 2025 DETECTION MONITORING & QUARTERLY BACKGROUND SAMPLING EVENT NOVEMBER 2025

olsson

# Groundwater Level Data Sheet

| Project Name: | Project Number: | Investigator: | Page ___ of ___ |
|---|---|---|---|
| Craighead County Legacy Landfill | A24-01259 | Michael Clayton | |
| **Weather Conditions:** | **Measuring Device:** | | |
| P/C N 20 | GeoTech 200' | | |

| Well ID | Date | Time | Depth to Water (ft below TOC) | Damages/Repairs | | |
|---|---|---|---|---|---|---|
| MW-22 | 11/17/25 | 1150 | 101.95 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW-14R | | 1158 | 107.94 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW-17R | | 1207 | 123.92 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW-19 | | 1214 | 106.96 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW-16R | | 1220 | 102.39 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW-20R | | 1226 | 101.49 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW-21 | | 1234 | 96.62 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☐ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW-9R2 | | 1239 | 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-23 | | 1248 | 91.67 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☒ See GW sampling record |
| MW-24 | | 1257 | 95.04 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation | ☐ Lacks visibility ☒ Lacks access ☐ See GW sampling record |
| MW-25 | | 1304 | 96.10 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW -26 | | 1316 | 97.38 | ☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment | ☐ Damaged TOC ☐ Damaged lock ☒ Unkept vegetation | ☐ Lacks visibility ☐ Lacks access ☐ See GW sampling record |
| MW -27R | ↓ | 1322 | 97.36 | ☐ 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: MW9R2 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/19/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Cloudy | Air Temp (°F): 57 | Wind: ENE @ 9 | | | |
| Site type:<br>■ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>■ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>Yes<br>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 | 11/17/25 | 11/19/25 | 11/19/25 | 11/19/25 | 11/19/25 | |
| Time | 24-hour | 1239 | 920 | 936 | 957 | 1023 | |
| Depth to Water | feet | 96.71 | 96.80 | 96.80 | 96.80 | 96.80 | |
| 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: mc ☒ 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 | 925 | 930 | 935 | 940 | 945 | 950 | 955 | | | | | |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 130 | 100 | 100 | 100 | 100 | 100 | 100 | | | | | |
| pH | su | 5.59 | 6.43 | 6.59 | 6.63 | 6.64 | 6.64 | 6.65 | | | | | |
| Temp. | °C | 19.91 | 21.66 | 21.74 | 21.83 | 21.85 | 21.84 | 21.78 | | | | | |
| Sp. Cond. | µS/cm | 711 | 649 | 627 | 610 | 601 | 597 | 595 | | | | | |
| D.O. | mg/L | 0.93 | 0.35 | 0.23 | 0.17 | 0.14 | 0.13 | 0.12 | | | | | |
| ORP | mV | 77.3 | 20.7 | -3.7 | -14.2 | -19.3 | -19.7 | -21.0 | | | | | |
| Turbidity | NTU | 52.5 | 14.8 | 11.6 | 12.1 | 4.74 | 4.18 | 3.87 | | | | | |
| Color/tint | | cloudy | clear | → | → | → | → | → | | | | | |
| Odor | | none | → | → | → | → | → | → | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW9R2 | 11/19/25 | 1000 | 6 | 0 | |
| | | | | | |
| | | | | | |

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: 11/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Cloudy/forecast | Air Temp (°F): 71 | Wind: SSW @ 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 | 11/17/25 | 11/18/25 | 11/18/25 | 11/18/25 | 11/18/25 | |
| Time | 24-hour | 1158 | 1026 | 1053 | 1240 | 1325 | |
| Depth to Water | feet | 107.94 | 107.83 | 107.82 | 107.82 | 107.82 | |
| 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 | 1120 | 1125 | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | | 1130 |
| Purge rate | mL/min | 100 | 100 | 100 | 100 | 100 | 100 | 80 | 80 | 80 | 80 | 80 | 80 | 60 |
| pH | su | 7.27 | 6.95 | 6.76 | 6.71 | 6.71 | 6.72 | 6.74 | 6.77 | 6.78 | 6.79 | 6.79 | 6.79 | 6.78 |
| Temp. | °C | 18.90 | 18.56 | 18.36 | 18.29 | 18.23 | 18.24 | 18.27 | 18.44 | 18.61 | 18.68 | 18.59 | 18.56 | 18.56 |
| Sp. Cond. | µS/cm | 807 | 828 | 844 | 850 | 854 | 856 | 857 | 857 | 854 | 853 | 854 | 854 | 853 |
| D.O. | mg/L | 5.98 | 5.64 | 3.50 | 1.41 | 0.78 | 0.77 | 0.70 | 0.59 | 0.49 | 0.36 | 0.36 | 0.37 | 0.35 |
| ORP | mV | 50.8 | 16.4 | -5.1 | -11.2 | -22.2 | -24.5 | -27.6 | -29.0 | -33.0 | -34.4 | -35.5 | -35.6 | -34.9 |
| Turbidity | NTU | 826 | 88.8 | 45.7 | 34.8 | 40.7 | 88.1 | 136 | 90.7 | 76.9 | 73.5 | 41.9 | 36.2 | 39.5 |
| Color/tint | | Cloudy | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ |
| Odor | | None | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW14R | 11/18/25 | 1245 | 6 | 0 | |
| | | | | | |
| | | | | | |

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: 11/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: | Air Temp (°F): | Wind: | | | |
| Site type:<br>☐ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>☐ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>Yes<br>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 | 1135 | 1140 | 1145 | 1150 | 1155 | 1200 | 1205 | 1210 | 1215 | 1220 | 1225 | 1230 | 1235 | 1240 |
| Purge vol. | gallons | | | | | | | | | | | | | | |
| Purge rate | mL/min | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 50 | 50 | 50 | 50 |
| pH | su | 6.79 | 6.80 | 6.80 | 6.81 | 6.83 | 6.83 | 6.84 | 6.84 | 6.84 | 6.83 | 6.82 | 6.82 | 6.81 | 6.84 |
| Temp. | °C | 18.59 | 18.65 | 18.72 | 18.72 | 19.09 | 19.21 | 19.30 | 19.35 | 19.40 | 19.36 | 19.22 | 19.05 | 19.05 | 19.31 |
| Sp. Cond. | µS/cm | 852 | 852 | 852 | 851 | 851 | 851 | 852 | 852 | 851 | 851 | 851 | 852 | 849 | 848 |
| D.O. | mg/L | 0.35 | 0.33 | 0.33 | 0.32 | 0.32 | 0.30 | 0.30 | 0.31 | 0.29 | 0.29 | 0.29 | 0.27 | 0.33 | 0.33 |
| ORP | mV | -36.0 | -38.2 | -38.0 | -39.9 | -41.4 | -42.2 | -42.6 | -43.3 | -44.0 | -43.6 | -43.7 | -43.0 | -43.2 | -43.5 |
| Turbidity | NTU | 35.2 | 40.3 | 31.1 | 29.2 | 26.6 | 25.7 | 23.1 | 26.5 | 19.9 | 19.6 | 20.2 | 17.6 | 18.6 | 21.9 |
| Color/tint | | Cloudy | ~ | ~ | ~ | ~ | ~ | ~ | ~ | Clear | ~ | ~ | ~ | ~ | → |
| 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: MW-16 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: PC | Air Temp (°F): 76 | Wind: SW @ 15 | | | |
| 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 | 11/17/25 | 11/18/25 | 11/18/25 | 11/18/25 | 11/18/25 | |
| Time | 24-hour | 1220 | 1400 | 1417 | 1437 | 1442 | |
| Depth to Water | feet | 102.39 | 102.27 | 102.27 | 102.27 | 102.27 | |
| 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 | 1405 | 1410 | 1415 | 1420 | 1425 | 1430 | 1435 | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | |
| Purge rate | mL/min | 110 | 110 | 110 | 110 | 110 | 110 | 110 | | | | |
| pH | su | 6.24 | 6.24 | 6.54 | 6.90 | 6.84 | 6.93 | 6.93 | | | | |
| Temp. | °C | 22.12 | 23.02 | 23.10 | 22.64 | 22.62 | 22.55 | 22.54 | | | | |
| Sp. Cond. | µS/cm | 501 | 498 | 504 | 528 | 531 | 532 | 532 | | | | |
| D.O. | mg/L | 2.55 | 1.24 | 1.18 | 0.74 | 0.59 | 0.56 | 0.51 | | | | |
| ORP | mV | 29.5 | 28.3 | -4.8 | -43.1 | -52.4 | -51.5 | -52.0 | | | | |
| Turbidity | NTU | 1.88 | 3.67 | 3.18 | 3.27 | 3.18 | 2.80 | 2.95 | | | | |
| Color/tint | | Clear | → | → | → | → | → | → | | | | |
| Odor | | None | → | → | → | → | → | → | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW-16 | 11/18/25 | 1440 | 6 | 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: 11/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: P/C | Air Temp (°F): 75 | Wind: SSW @ 21 | | | |
| Site type:<br>■ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>■ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>(Yes)<br>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 | 11/17/25 | 11/18/25 | 11/18/25 | 11/18/25 | 11/18/25 | |
| Time | 24-hour | 1207 | 1337 | 1357 | 1417 | 1442 | |
| Depth to Water | feet | 123.92 | 123.75 | 123.75 | 123.75 | 123.75 | |
| 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 | 1345 | 1350 | 1355 | 1400 | 1405 | 1410 | 1415 | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 120 | 120 | 120 | 120 | 120 | 120 | 120 | | | | | |
| pH | su | 6.94 | 6.77 | 6.76 | 6.78 | 6.81 | 6.84 | 6.83 | | | | | |
| Temp. | °C | 22.56 | 21.23 | 20.67 | 20.47 | 20.55 | 20.69 | 20.54 | | | | | |
| Sp. Cond. | µS/cm | 692 | 694 | 701 | 709 | 713 | 714 | 715 | | | | | |
| D.O. | mg/L | 1.16 | 0.34 | 0.18 | 0.13 | 0.13 | 0.11 | 0.11 | | | | | |
| ORP | mV | -31.7 | -43.8 | -44.4 | -46.4 | -46.1 | -40.7 | -48.6 | | | | | |
| Turbidity | NTU | 12.6 | 3.43 | 3.58 | 3.22 | 3.24 | 3.24 | 3.18 | | | | | |
| Color/tint | | Clear | → | → | → | → | → | → | | | | | |
| Odor | | None | → | → | → | → | → | → | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW17R | 11/18/25 | 1420 | 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: 11/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: P/C Windy | Air Temp (°F): 77 | Wind: SW @ 22 | | | |
| 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 | 11/17/25 | 11/18/25 | 11/18/25 | 11/18/25 | 11/18/25 | |
| Time | 24-hour | 1214 | 1455 | 1512 | 1526 | 1549 | |
| Depth to Water | feet | 106.86 | 106.82 | 106.82 | 106.82 | 106.82 | |
| 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 | | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| pH | su | 6.45 | 6.40 | 6.59 | 6.90 | 6.94 | 6.95 | | | | | | |
| Temp. | °C | 23.17 | 23.53 | 24.06 | 24.36 | 24.28 | 24.29 | | | | | | |
| Sp. Cond. | µS/cm | 513 | 504 | 513 | 552 | 558 | 560 | | | | | | |
| D.O. | mg/L | 0.88 | 0.46 | 0.20 | 0.10 | 0.08 | 0.07 | | | | | | |
| ORP | mV | 31.3 | 3.5 | -8.2 | -45.0 | -57.2 | -57.4 | | | | | | |
| Turbidity | NTU | 5.55 | 4.41 | 3.94 | 3.64 | 3.33 | 3.03 | | | | | | |
| Color/tint | | Clear | → | → | → | → | → | | | | | | |
| Odor | | none | → | → | → | → | → | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW19 | 11/18/25 | 1520 | 6 | 0 | |
| | | | | | |
| | | | | | |

Sampler's Name (print): Michael Clayton

Sampler Signature: Michael Clayton

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW 20 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/19/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Overcast | Air Temp (°F): 60 | Wind: NE @ 8 | | | |
| 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 | 11/17/25 | 11/19/25 | 11/19/25 | 11/19/25 | 11/19/25 | |
| Time | 24-hour | 1222 | 1505 | 1523 | 1547 | 1620 | |
| Depth to Water | feet | 101.49 | 101.70 | 101.70 | 101.70 | 101.70 | |
| 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 | 1510 | 1515 | 1520 | 1525 | 1530 | 1535 | 1540 | 1545 | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | | | | |
| pH | su | 6.10 | 6.17 | 6.41 | 6.57 | 6.62 | 6.63 | 6.65 | 6.64 | | | | |
| Temp. | °C | 19.15 | 18.98 | 18.86 | 18.71 | 18.63 | 18.61 | 18.60 | 18.54 | | | | |
| Sp. Cond. | µS/cm | 504 | 504 | 503 | 500 | 498 | 497 | 497 | 497 | | | | |
| D.O. | mg/L | 1.10 | 0.45 | 0.28 | 0.23 | 0.14 | 0.15 | 0.13 | 0.13 | | | | |
| ORP | mV | 79.3 | 66.3 | 33.8 | 2.8 | 1.3 | -15.3 | -17.6 | -14.8 | | | | |
| Turbidity | NTU | 9.17 | 6.33 | 4.06 | 2.92 | 3.49 | 3.19 | 3.14 | 3.02 | | | | |
| Color/tint | | Clear | → | → | → | → | → | → | → | | | | |
| Odor | | None | → | → | → | → | → | → | → | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW 20 | 11/19/25 | 1550 | 6 | 0 | |
| MW20 Dup | 11/19/25 | 1555 | 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: 11/21/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Cloudy / overcast | Air Temp (°F): 60 | Wind: SW @ 7 | | | |
| 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 | 11/12/25 | 11/21/25 | 11/21/25 | 11/21/25 | 11/21/25 | |
| Time | 24-hour | 1234 | 920 | 1023 | 1056 | 1108 | |
| Depth to Water | feet | 96.62 | 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

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

| | | | | | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Time | 24-hour | 1015 | 1020 | ~~1025~~ 1025 | ~~1030~~ 1050 | ~~1035~~ 1035 | 1040 | 1045 | 1050 | 1055 | | | |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | | | |
| pH | su | 7.15 | 6.99 | 6.88 | 6.92 | 6.95 | 7.03 | 7.06 | 7.06 | 7.06 | | | |
| Temp. | °C | 21.54 | 21.11 | 20.53 | 20.20 | 20.12 | 20.39 | 20.41 | 20.34 | 20.36 | | | |
| Sp. Cond. | µS/cm | 308 | 311 | 322 | 333 | 335 | 340 | 341 | 342 | 343 | | | |
| D.O. | mg/L | 7.72 | 7.64 | 6.54 | 4.25 | 2.41 | 1.64 | 1.29 | 0.95 | 0.88 | | | |
| ORP | mV | 48.0 | 84.1 | 32.7 | -18.0 | -34.6 | -49.1 | -56.4 | -54.3 | -43.9 | | | |
| Turbidity | NTU | 14.4 | 13.2 | 9.37 | 7.45 | 6.46 | 4.79 | 4.88 | 5.20 | 4.31 | | | |
| Color/tint | | Clear | | | | | | | | → | | | |
| Odor | | None | | | | | | | | → | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW 21 | 11/21/25 | 1100 | 6 | 0 | Pump was pulled prior to purging |
| | | | | | |
| | | | | | |

Sampler's Name (print): Michael Clayton

Sampler Signature: Michael Clayton

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW 22 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/18/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Overcast | Air Temp (°F): 68 | Wind: SW @ 22 | | | |
| 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 | 11/17/25 | 11/18/25 | 11/18/25 | 11/18/25 | 11/18/25 | |
| Time | 24-hour | 1150 | 917 | 933 | 952 | 1015 | |
| Depth to Water | feet | 101.95 | 101.88 | 101.88 | 101.88 | 101.88 | |
| 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 | 925 | 930 | 935 | 940 | 945 | 950 | | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 160 | 160 | 160 | 160 | 160 | 160 | | | | | | |
| pH | su | 6.98 | 7.06 | 7.11 | 7.13 | 7.16 | 7.20 | | | | | | |
| Temp. | °C | 19.47 | 19.36 | 19.18 | 19.12 | 19.10 | 19.11 | | | | | | |
| Sp. Cond. | µS/cm | 288 | 297 | 316 | 320 | 324 | 327 | | | | | | |
| D.O. | mg/L | 5.22 | 3.77 | 2.56 | 1.77 | 1.10 | 0.82 | | | | | | |
| ORP | mV | 70.5 | 58.9 | 28.1 | 8.7 | -2.0 | -16.0 | | | | | | |
| Turbidity | NTU | 7.69 | 8.01 | 8.60 | 8.13 | 6.72 | 7.08 | | | | | | |
| Color/tint | | Clear | → | | | | → | | | | | | |
| Odor | | None | → | | | | → | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW 22 | 11/18/25 | 955 | 6 | 0 | |
| | | | | | |
| | | | | | |

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

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW 23 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/19/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Cloudy / misty light fog | Air Temp (°F): 59 | Wind: ENE @ 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 | 11/17/25 | 11/19/25 | 11/19/25 | 11/19/25 | 11/19/25 | |
| Time | 24-hour | 1248 | 1033 | 1107 | 1217 | 1234 | |
| Depth to Water | feet | 91.67 | 91.86 | 91.86 | 91.87 | 91.87 | |
| 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 | Well goes dry during purging: Yes (No)

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

| | | | | | | | | | | | | | | Remarks | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Time | 24-hour | 1040 | 1045 | 1050 | 1055 | 1100 | 1105 | 1110 | 1115 | 1120 | 1125 | 1130 | 1135 | 1140 | 1145 |
| Purge vol. | gallons | 0 | | | | | | | | | | | | | |
| Purge rate | mL/min | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 90 | 90 | 90 | 90 |
| pH | su | 6.77 | 6.69 | 6.74 | 6.77 | 6.76 | 6.80 | 6.80 | 6.83 | 6.86 | 6.88 | 6.90 | 6.91 | 6.91 | 6.91 |
| Temp. | °C | 17.86 | 17.71 | 17.49 | 17.32 | 17.32 | 17.39 | 17.32 | 17.33 | 17.47 | 17.49 | 17.37 | 17.40 | 17.40 | 17.46 |
| Sp. Cond. | µS/cm | 463 | 453 | 448 | 447 | 446 | 446 | 446 | 446 | 447 | 447 | 449 | 450 | 450 | 450 |
| D.O. | mg/L | 1.20 | 0.68 | 0.25 | 0.22 | 0.20 | 0.20 | 0.19 | 0.18 | 0.17 | 0.18 | 0.18 | 0.18 | 0.18 | 0.20 |
| ORP | mV | -15.7 | -20.6 | -37.3 | -39.0 | -36.6 | -40.4 | -41.4 | -42.0 | -45.4 | -46.1 | -47.3 | -48.1 | -48.7 | -49.2 |
| Turbidity | NTU | 42.6 | 45.3 | 14.7 | 7.50 | 54.4 | 41.3 | 35.5 | 20.4 | 15.9 | 13.5 | 11.7 | 17.4 | 18.1 | 18.6 |
| Color/tint | | Cloudy | → | → | → | → | → | → | Clear | → | → | → | → | → | → |
| Odor | | None | → | → | → | → | → | → | → | → | → | → | → | → | → |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW 23 | 11/19/25 | 1220 | 6 | 0 | |
| | | | | | |
| | | | | | |

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

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW23 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/19/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: | Air Temp (°F): | Wind: | | | |
| Site type:<br>☐ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>☐ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>Yes<br>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 | 1155 | 1200 | 1205 | 1210 | 1215 | | | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 130 | 130 | 130 | 130 | 130 | | | | | | | |
| pH | su | 6.91 | 6.91 | 6.90 | 6.91 | 6.92 | | | | | | | |
| Temp. | °C | 17.45 | 17.32 | 17.31 | 17.38 | 17.41 | | | | | | | |
| Sp. Cond. | µS/cm | 451 | 450 | 450 | 450 | 451 | | | | | | | |
| D.O. | mg/L | 0.18 | 0.15 | 0.15 | 0.14 | 0.15 | | | | | | | |
| ORP | mV | 50.2 | -50.7 | -51.3 | -51.5 | -52.7 | | | | | | | |
| Turbidity | NTU | 22.9 | 12.6 | 9.68 | 9.21 | 8.96 | | | | | | | |
| 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: MW 24 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/19/25 | Sampler Organization: Olsson |

**Site Description**

Weather: Overcast / Foggy 87% Humidity | Air Temp (°F): 58 | Wind: ENE @ 8

Site type:
- [x] Monitoring Well
- [ ] Production Well
- [ ] Dewatering Well
- [ ] Other:
- [ ] Extraction Well
- [ ] Borehole
- [ ] Spring

Well casing material:
- [x] PVC
- [ ] Steel
- [ ] Iron
- [ ] Other:

| | | | Well locked? |
|---|---|---|---|
| Well diameter | inches | 2 | (Yes) / No |
| Total depth from TOC | feet | | |
| TOC below/above ground | feet | | |

Damages/repairs needed:

**Water Level Data**

Measuring point description:
- [x] Mark/notch on TOC
- [ ] North rim of TOC
- [ ] Other:

Water level meter: [ ] Geotech/Keck 100' [x] 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 | 11/17/25 | 11/19/25 | 11/19/25 | 11/19/25 | 11/19/25 | |
| Time | 24-hour | 1257 | 1243 | 1303 | 1333 | 1352 | |
| Depth to Water | feet | 95.04 | 95.17 | 95.17 | 95.18 | 95.18 | |
| Product/Thickness | LNAPL/DNAPL feet | | | | | | |

**Field Data**

Field data meters:
- [ ] YSI ProPlus
- [x] YSI MPS 556
- [ ] Other:
- [x] Hach 2100P Turbidimeter
- [ ] HF Scientific Turbidimeter
- [ ] Other:

Pump description:
- [ ] Peristaltic
- [x] Bladder (dedicated/portable)
- [ ] Submersible

Bailer description:
- [ ] Disposable polyethylene
- [ ] Disposable Teflon
- [ ] Disposable PVC

Well goes dry during purging: Yes (No)

= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)]$^2$ × 0.0408

| | | | | | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Time | 24-hour | 1250 | 1255 | 1300 | 1305 | 1310 | 1315 | 1320 | 1325 | | | | |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | | | | |
| pH | su | 6.52 | 6.68 | 6.76 | 6.81 | 6.81 | 6.83 | 6.83 | 6.83 | | | | |
| Temp. | °C | 17.90 | 17.73 | 17.69 | 17.58 | 17.54 | 17.54 | 17.57 | 17.55 | | | | |
| Sp. Cond. | µS/cm | 634 | 586 | 564 | 557 | 553 | 554 | 560 | 560 | | | | |
| D.O. | mg/L | 1.00 | 0.50 | 0.26 | 0.19 | 0.18 | 0.21 | 0.19 | 0.20 | | | | |
| ORP | mV | 9.9 | -22.3 | -35.0 | -39.2 | -43.3 | -43.1 | -46.0 | -45.8 | | | | |
| Turbidity | NTU | 47.8 | 28.9 | 25.6 | 14.8 | 12.4 | 9.45 | 9.79 | 9.68 | | | | |
| Color/tint | | Cloudy | → | → | Clear | → | → | → | → | | | | |
| Odor | | ~~Gasoline~~ | → | → | → | → | → | → | → | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW24 | 11/19/25 | 1330 | 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: 11/19/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Overcast | Air Temp (°F): 60 | Wind: ENE @ 6 | | | |
| Site type:<br>■ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>■ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>(Yes)<br>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 | 11/17/25 | 11/19/25 | 11/19/25 | 11/19/25 | 11/19/25 | |
| Time | 24-hour | 1310 | 1410 | 1422 | 1441 | 1453 | |
| Depth to Water | feet | 96.10 | 96.25 | 96.25 | 96.26 | 96.26 | |
| 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 | 1415 | 1420 | 1425 | 1430 | 1435 | 1440 | | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| pH | su | 6.63 | 6.54 | 6.55 | 6.58 | 6.57 | 6.57 | | | | | | |
| Temp. | °C | 17.74 | 17.39 | 17.36 | 17.37 | 17.34 | 17.29 | | | | | | |
| Sp. Cond. | µS/cm | 619 | 692 | 691 | 683 | 676 | 675 | | | | | | |
| D.O. | mg/L | 5.94 | 0.92 | 0.41 | 0.31 | 0.29 | 0.32 | | | | | | |
| ORP | mV | 13.5 | -17.6 | -24.4 | -27.6 | -28.1 | -28.1 | | | | | | |
| Turbidity | NTU | 4.87 | 3.59 | 3.09 | 3.22 | 3.23 | 2.80 | | | | | | |
| Color/tint | | Clear | → | → | → | → | → | | | | | | |
| Odor | | None | → | → | → | → | → | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW25 | 11/19/25 | 1445 | 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: 11/21/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Cloudy | Air Temp (°F): 65 | Wind: SSW @ 5 | | | |
| 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 | 11/17/25 | 11/21/25 | 11/21/25 | 11/21/25 | 11/21/25 | |
| Time | 24-hour | 1316 | 1220 | 1241 | 1307 | 1321 | |
| Depth to Water | feet | 97.38 | 97.27 | 97.28 | 97.28 | 97.28 | |
| 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 | Well goes dry during purging: Yes (No)

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

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Time | 24-hour | 1225 | 1230 | 1235 | 1240 | 1245 | 1250 | ~~1255~~ | 1300 | 1305 | | | Remarks |
| Purge vol. | gallons | | | | | | | 1255 | | | | | |
| Purge rate | mL/min | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 100 | 100 | | | |
| pH | su | 7.18 | 6.93 | 6.92 | 6.94 | 6.98 | 6.98 | 6.98 | 6.99 | 7.00 | | | |
| Temp. | °C | 18.67 | 18.36 | 18.34 | 18.32 | 18.27 | 18.21 | 18.23 | 18.32 | 18.32 | | | |
| Sp. Cond. | µS/cm | 434 | 449 | 460 | 463 | 463 | 465 | 465 | 465 | 466 | | | |
| D.O. | mg/L | 5.83 | 1.83 | 0.71 | 0.47 | 0.36 | 0.33 | 0.32 | 0.31 | 0.33 | | | |
| ORP | mV | -8.2 | -38.9 | -57.3 | -49.3 | -60.0 | -61.9 | -66.1 | -61.4 | -62.6 | | | |
| Turbidity | NTU | 11.5 | 37.6 | 22.6 | 18.7 | 45.7 | 14.5 | 9.74 | 6.40 | 5.91 | | | |
| Color/tint | | Clear | → | → | → | Cloudy | Clear | → | → | → | | | |
| Odor | | | | | | | | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW26 | 11/21/25 | 1310 | 6 | ⊘ | |
| EB-2 | 11/21/25 | 1340 | 6 | ⊘ | |
| | | | | | |

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

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW 27R | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/21/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Overcast | Air Temp (°F): 63 | Wind: SSW @ 4 | | | |
| Site type:<br>☒ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>☒ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>(Yes)<br>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 | 11/17/25 | 11/21/25 | 11/21/25 | 11/21/25 | 11/21/25 | |
| Time | 24-hour | 1322 | 1120 | 1133 | 1152 | 1210 | |
| Depth to Water | feet | 97.36 | 97.22 | 97.22 | 97.22 | 97.22 | |
| 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 | | 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 | 1125 | 1130 | 1135 | 1140 | 1145 | 1150 | | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 100 | 100 | 100 | 100 | 100 | 100 | | | | | | |
| pH | su | 6.58 | 6.55 | 6.64 | 6.66 | 6.69 | 6.70 | | | | | | |
| Temp. | °C | 19.60 | 18.84 | 18.64 | 18.65 | 18.66 | 18.60 | | | | | | |
| Sp. Cond. | µS/cm | 580 | 570 | 543 | 538 | 537 | 538 | | | | | | |
| D.O. | mg/L | 5.02 | 0.66 | 0.24 | 0.18 | 0.14 | 0.12 | | | | | | |
| ORP | mV | 19.0 | 6.8 | -28.6 | -34.8 | -39.8 | -43.6 | | | | | | |
| Turbidity | NTU | 4.58 | 3.94 | 4.04 | 3.24 | 3.15 | 2.82 | | | | | | |
| Color/tint | | Clear | → | → | → | → | → | | | | | | |
| Odor | | None | → | → | → | → | → | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW27R | 11/21/25 | 1155 | 6 | 0 | |
| | | | | | |
| | | | | | |

Sampler's Name (print): Michael Clayton

Sampler Signature: Michael Clayton

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: LEACHATE DUP A | Sampler: MICHAEL CLAYTON |
| Project Number: A24-01259 | Date: 11/21/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: OVERCAST | Air Temp (°F): 64 | Wind: SSW @ 5 | | | |
| Site type:<br>☐ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>☐ PVC<br>☐ Steel<br>☐ Iron<br>☐ 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 | Pump description | Bailer description |
|---|---|---|
| ☐ YSI ProPlus ☐ Hach 2100P Turbidimeter | ☐ Peristaltic | ☐ Disposable polyethylene |
| ☐ YSI MPS 556 ☐ HF Scientific Turbidimeter | ☐ Bladder (dedicated/portable) | ☐ Disposable Teflon |
| ☐ Other: ☐ Other: | ☐ Submersible | ☐ 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 | | | | | | | | | | | | | |
| Purge vol. | gallons | | | | | | | | | | | | | |
| Purge rate | mL/min | | | | | | | | | | | | | |
| pH | su | 7.89 | | | | | | | | | | | | |
| Temp. | °C | 21.13 | | | | | | | | | | | | |
| Sp. Cond. | µS/cm | 10804 | | | | | | | | | | | | |
| D.O. | mg/L | 0.37 | | | | | | | | | | | | |
| ORP | mV | -201.7 | | | | | | | | | | | | |
| Turbidity | NTU | OOR | | | | | | | | | | | | |
| Color/tint | | Black | | | | | | | | | | | | |
| Odor | | Sour | | | | | | | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| LEACHATE DUP A | 11/21/25 | ~~1400~~ 1400 | 6 | 0 | |
| | | | | | |
| | | | | | |

| | |
|---|---|
| Sampler's Name (print): MICHAEL CLAYTON | Sampler Signature: |

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: Landfill BHS B | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/21/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Clear Cast | Air Temp (°F): 63 | Wind: SSW @ 5 | | | |
| Site type:<br>☐ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>☐ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>Yes<br>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 |

| | | | | | | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Time | 24-hour | | | | | | | | | | | | | |
| Purge vol. | gallons | | | | | | | | | | | | | |
| Purge rate | mL/min | | | | | | | | | | | | | |
| pH | su | 5.82 | | | | | | | | | | | | |
| Temp. | °C | 20.32 | | | | | | | | | | | | |
| Sp. Cond. | µS/cm | 570 | | | | | | | | | | | | |
| D.O. | mg/L | 5.23 | | | | | | | | | | | | |
| ORP | mV | 157.3 | | | | | | | | | | | | |
| Turbidity | NTU | 10.0 | | | | | | | | | | | | |
| Color/tint | | Clear | | | | | | | | | | | | |
| Odor | | Sour | | | | | | | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| LandfillBHSB | 11/21/25 | 1430 | 6 | 0 | |
| | | | | | |
| | | | | | |

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

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: Leachate Bldg C | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 11/21/25 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Overcast | Air Temp (°F): 63 | Wind: SSW @ 6 | | | |
| Site type:<br>☐ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>☐ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>Yes<br>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 | 7.43 | | | | | | | | | | | | |
| Temp. | °C | 21.62 | | | | | | | | | | | | |
| Sp. Cond. | µS/cm | 10927 | | | | | | | | | | | | |
| D.O. | mg/L | 2.65 | | | | | | | | | | | | |
| ORP | mV | 141.8 | | | | | | | | | | | | |
| Turbidity | NTU | 90.3 | | | | | | | | | | | | |
| Color/tint | | Amber | | | | | | | | | | | | |
| Odor | | Sour | | | | | | | | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| Leachate Bldg C | 11/21/25 | 1500 | 6 | 0 | |
| | | | | | |
| | | | | | |

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

# SECOND HALF 2025 VERIFICATION SAMPLING EVENT JANUARY 2026

# Groundwater Sampling Record

| | | |
|---|---|---|
| Facility: Craighead County Legacy Landfill | Site ID: MW 9R2 | Sampler: Michael Clayton |
| Project Number: A24-01259 | Date: 1/28/26 | Sampler Organization: Olsson |

**Site Description**

| | | | | | |
|---|---|---|---|---|---|
| Weather: Clear / Sunny | Air Temp (°F): 34 | Wind: S @ 3 | | | |
| Site type:<br>☒ Monitoring Well ☐ Extraction Well<br>☐ Production Well ☐ Borehole<br>☐ Dewatering Well ☐ Spring<br>☐ Other: | Well casing material:<br>☒ PVC<br>☐ Steel<br>☐ Iron<br>☐ Other: | Well diameter | inches | 2 | Well locked?<br>Yes<br>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 | | 1/28/26 | 1/28/26 | 1/28/26 | 1/28/26 | |
| Time | 24-hour | | 1053 | 1213 | 1232 | 1252 | |
| Depth to Water | feet | | 96.46 | 96.46 | 96.46 | 96.46 | |
| 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 | 1200 | 1205 | 1210 | 1215 | 1220 | 1225 | 1230 | | | | | Remarks |
| Purge vol. | gallons | | | | | | | | | | | | |
| Purge rate | mL/min | 130 | 130 | 130 | 130 | 130 | 130 | 130 | | | | | |
| pH | su | 6.90 | 7.02 | 7.12 | 7.11 | 7.11 | 7.11 | 7.10 | | | | | |
| Temp. | °C | 16.6 | 16.6 | 16.4 | 17.2 | 17.0 | 17.2 | 17.2 | | | | | |
| Sp. Cond. | µS/cm | 336.7 | 321.1 | 320.3 | 334.4 | 336.3 | 334.2 | 339.1 | | | | | |
| D.O. | mg/L | 3.83 | 1.96 | 0.88 | 0.69 | 0.62 | 0.58 | 0.54 | | | | | |
| ORP | mV | 15.6 | -4.0 | -38.6 | -53.5 | -58.4 | -62.1 | -67.3 | | | | | |
| Turbidity | NTU | 1.67 | 1.15 | 0.60 | 0.69 | 0.36 | 0.35 | 0.41 | | | | | |
| Color/tint | | Clear | → | → | → | → | → | → | | | | | |
| Odor | | None | → | → | → | → | → | → | | | | | |

**Sample Data**

| Sample ID | Date | Time | # Containers | # Filtered | Remarks |
|---|---|---|---|---|---|
| MW 9R2 | 1/28/26 | 1235 | 2 | 0 | |
| MW 9R2 DUP | 1/28/26 | 1240 | 2 | 0 | |
| EB-2 | 1/28/26 | 1250 | 2 | 0 | |

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

# APPENDIX B
# LABORATORY REPORTS

# QUARTERLY BACKGROUND SAMPLING EVENT
## AUGUST 2025

# ANALYTICAL REPORT

September 02, 2025



## Legacy Landfill

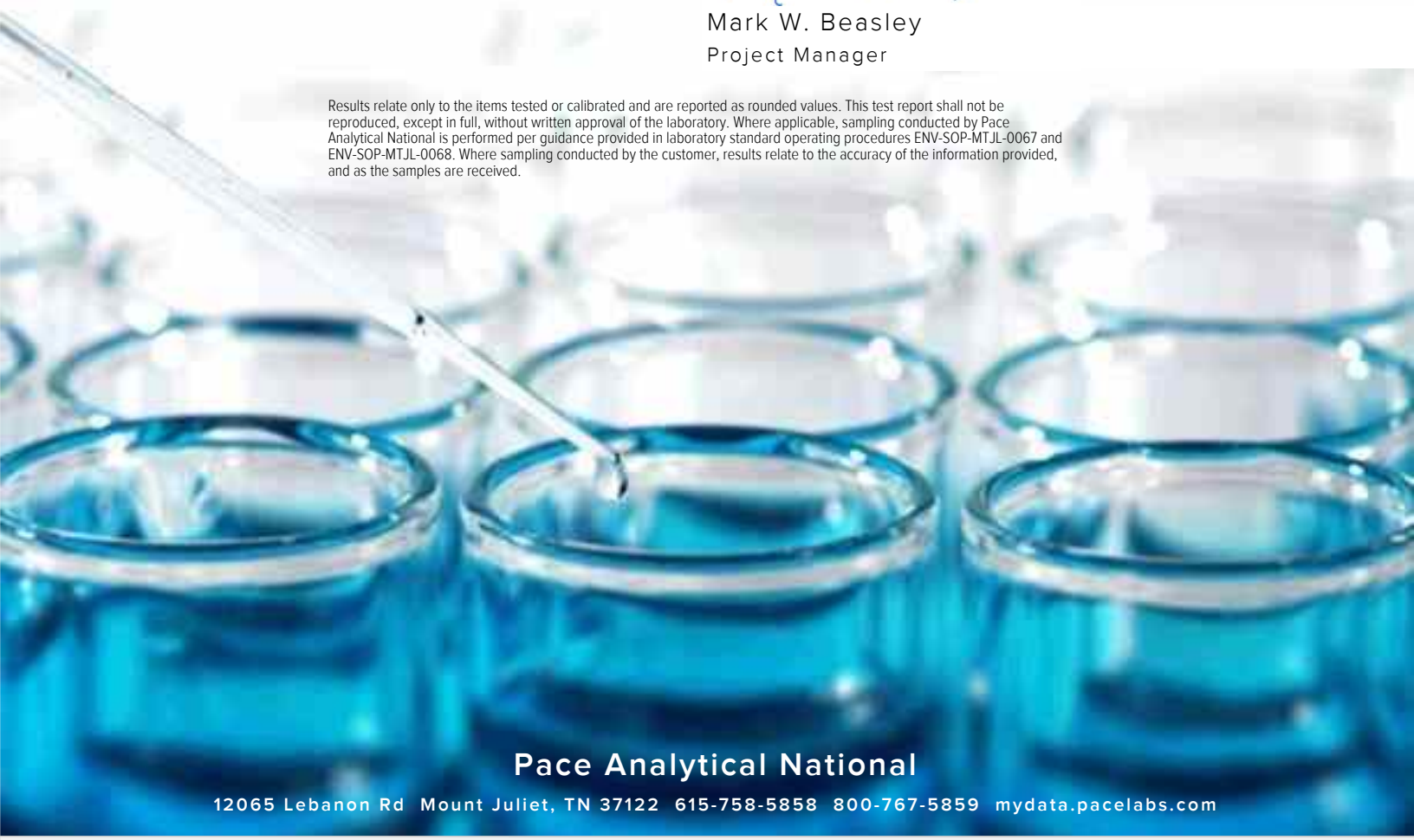
| | |
|---|---|
| Sample Delivery Group: | L1890396 |
| Samples Received: | 08/20/2025 |
| Project Number: | A25-01259 |
| Description: | Craighead County - Legacy Landfill |

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

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## MW-23 L1890396-01

Collected by: Michael Clayton | Collected date/time: 08/18/25 13:10 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2585369 | 1 | 08/22/25 10:45 | 08/25/25 12:43 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584314 | 1 | 08/27/25 05:22 | 08/27/25 05:22 | DLH | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 03:01 | 08/28/25 03:01 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 16:59 | JPD | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 13:36 | 08/23/25 13:36 | WHS | Mt. Juliet, TN |

## MW-24 L1890396-02

Collected by: Michael Clayton | Collected date/time: 08/18/25 14:15 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2585414 | 1 | 08/22/25 11:27 | 08/23/25 17:33 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584314 | 1 | 08/27/25 05:35 | 08/27/25 05:35 | DLH | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 03:21 | 08/28/25 03:21 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:02 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:38 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 13:55 | 08/23/25 13:55 | WHS | Mt. Juliet, TN |

## MW-25 L1890396-03

Collected by: Michael Clayton | Collected date/time: 08/18/25 15:50 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2585903 | 1 | 08/22/25 20:00 | 08/23/25 03:16 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584314 | 1 | 08/27/25 06:12 | 08/27/25 06:12 | DLH | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 03:41 | 08/28/25 03:41 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:05 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:42 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 14:15 | 08/23/25 14:15 | WHS | Mt. Juliet, TN |

## MW-26 L1890396-04

Collected by: Michael Clayton | Collected date/time: 08/19/25 09:10 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2587862 | 1 | 08/26/25 13:45 | 08/26/25 14:24 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584314 | 1 | 08/27/25 06:25 | 08/27/25 06:25 | DLH | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 04:01 | 08/28/25 04:01 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:08 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:45 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 14:35 | 08/23/25 14:35 | WHS | Mt. Juliet, TN |

## MW-27R L1890396-05

Collected by: Michael Clayton | Collected date/time: 08/19/25 10:20 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2586965 | 1 | 08/25/25 09:20 | 08/25/25 16:58 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584320 | 1 | 08/29/25 03:23 | 08/29/25 03:23 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 04:21 | 08/28/25 04:21 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:11 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:48 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 14:54 | 08/23/25 14:54 | WHS | Mt. Juliet, TN |

## MW-24 DUP L1890396-06

Collected by: Michael Clayton
Collected date/time: 08/18/25 14:20
Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2585369 | 1 | 08/22/25 10:45 | 08/25/25 12:43 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584320 | 1 | 08/29/25 04:15 | 08/29/25 04:15 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 04:43 | 08/28/25 04:43 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:15 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:51 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 15:14 | 08/23/25 15:14 | WHS | Mt. Juliet, TN |

## EB-1 L1890396-07

Collected by: Michael Clayton
Collected date/time: 08/19/25 11:00
Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2587865 | 1 | 08/26/25 14:00 | 08/26/25 18:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584320 | 1 | 08/29/25 04:32 | 08/29/25 04:32 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 05:45 | 08/28/25 05:45 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:18 | JPD | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 13:16 | 08/23/25 13:16 | WHS | Mt. Juliet, TN |

# CASE NARRATIVE

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



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 | 564000 | | 10000 | 1 | 08/25/2025 12:43 | WG2585369 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7790 | | 547 | 1000 | 1 | 08/27/2025 05:22 | WG2584314 |
| Sulfate | 27600 | | 637 | 5000 | 1 | 08/27/2025 05:22 | WG2584314 |

## 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) | 637 | J | 495 | 1000 | 1 | 08/28/2025 03:01 | WG2588721 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | 0.335 | J | 0.310 | 4.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Arsenic | 0.975 | J | 0.120 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Barium | 150 | | 0.500 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Iron | 2530 | | 22.6 | 100 | 1 | 08/23/2025 16:59 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Manganese | 314 | | 0.700 | 5.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 16:59 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 13:36 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| *(S) Toluene-d8* | *100* | | | *80.0-120* | | *08/23/2025 13:36* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *90.5* | | | *77.0-126* | | *08/23/2025 13:36* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *100* | | | *70.0-130* | | *08/23/2025 13:36* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 555000 | | 10000 | 1 | 08/23/2025 17:33 | WG2585414 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 37500 | | 547 | 1000 | 1 | 08/27/2025 05:35 | WG2584314 |
| Sulfate | 99900 | | 637 | 5000 | 1 | 08/27/2025 05:35 | WG2584314 |

## 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) | 731 | J | 495 | 1000 | 1 | 08/28/2025 03:21 | WG2588721 |

## 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 | 08/23/2025 17:02 | WG2584687 |
| Arsenic | 0.597 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Barium | 264 | | 0.500 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Iron | 5860 | | 113 | 500 | 5 | 08/23/2025 19:38 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Manganese | 680 | | 3.50 | 25.0 | 5 | 08/23/2025 19:38 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:02 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 13:55 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *08/23/2025 13:55* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *91.4* | | | *77.0-126* | | *08/23/2025 13:55* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *100* | | | *70.0-130* | | *08/23/2025 13:55* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 294000 | | 10000 | 1 | 08/23/2025 03:16 | WG2585903 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 5980 | | 547 | 1000 | 1 | 08/27/2025 06:12 | WG2584314 |
| Sulfate | 14800 | | 637 | 5000 | 1 | 08/27/2025 06:12 | WG2584314 |

## 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 | 08/28/2025 03:41 | WG2588721 |

## 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 | 08/23/2025 17:05 | WG2584687 |
| Arsenic | 1.12 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Barium | 128 | | 0.500 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Iron | 1940 | | 22.6 | 100 | 1 | 08/23/2025 17:05 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Manganese | 511 | | 3.50 | 25.0 | 5 | 08/23/2025 19:42 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:05 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 14:15 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *08/23/2025 14:15* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *90.9* | | | *77.0-126* | | *08/23/2025 14:15* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *102* | | | *70.0-130* | | *08/23/2025 14:15* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 428000 | | 10000 | 1 | 08/26/2025 14:24 | WG2587862 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 31800 | | 547 | 1000 | 1 | 08/27/2025 06:25 | WG2584314 |
| Sulfate | 58600 | | 637 | 5000 | 1 | 08/27/2025 06:25 | WG2584314 |

## 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) | 718 | J | 495 | 1000 | 1 | 08/28/2025 04:01 | WG2588721 |

## 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 | 08/23/2025 17:08 | WG2584687 |
| Arsenic | 0.723 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Barium | 221 | | 0.500 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Iron | 4350 | | 22.6 | 100 | 1 | 08/23/2025 17:08 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Manganese | 604 | | 3.50 | 25.0 | 5 | 08/23/2025 19:45 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:08 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 14:35 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| *(S) Toluene-d8* | *99.5* | | | *80.0-120* | | *08/23/2025 14:35* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *88.3* | | | *77.0-126* | | *08/23/2025 14:35* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *102* | | | *70.0-130* | | *08/23/2025 14:35* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 390000 | | 10000 | 1 | 08/25/2025 16:58 | WG2586965 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 8450 | | 547 | 1000 | 1 | 08/29/2025 03:23 | WG2584320 |
| Sulfate | 16700 | | 637 | 5000 | 1 | 08/29/2025 03:23 | WG2584320 |

## 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) | 547 | J | 495 | 1000 | 1 | 08/28/2025 04:21 | WG2588721 |

## 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 | 08/23/2025 17:11 | WG2584687 |
| Arsenic | 0.643 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Barium | 196 | | 0.500 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Copper | 0.735 | B J | 0.700 | 5.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Iron | 4060 | | 22.6 | 100 | 1 | 08/23/2025 17:11 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Manganese | 560 | | 3.50 | 25.0 | 5 | 08/23/2025 19:48 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:11 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 14:54 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *08/23/2025 14:54* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *90.6* | | | *77.0-126* | | *08/23/2025 14:54* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *103* | | | *70.0-130* | | *08/23/2025 14:54* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 549000 | | 10000 | 1 | 08/25/2025 12:43 | WG2585369 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 36400 | | 547 | 1000 | 1 | 08/29/2025 04:15 | WG2584320 |
| Sulfate | 98800 | | 637 | 5000 | 1 | 08/29/2025 04:15 | WG2584320 |

## 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) | 690 | J | 495 | 1000 | 1 | 08/28/2025 04:43 | WG2588721 |

## 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 | 08/23/2025 17:15 | WG2584687 |
| Arsenic | 0.506 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Barium | 261 | | 0.500 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Iron | 5690 | | 113 | 500 | 5 | 08/23/2025 19:51 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Manganese | 660 | | 3.50 | 25.0 | 5 | 08/23/2025 19:51 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:15 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 15:14 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| *(S) Toluene-d8* | *97.3* | | | *80.0-120* | | *08/23/2025 15:14* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *90.0* | | | *77.0-126* | | *08/23/2025 15:14* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *104* | | | *70.0-130* | | *08/23/2025 15:14* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | ND | | 50000 | 1 | 08/26/2025 18:00 | WG2587865 |

## 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 | 08/29/2025 04:32 | WG2584320 |
| Sulfate | U | | 637 | 5000 | 1 | 08/29/2025 04:32 | WG2584320 |

## 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 | 08/28/2025 05:45 | WG2588721 |

## 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 | 08/23/2025 17:18 | WG2584687 |
| Arsenic | U | | 0.120 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Barium | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Iron | U | | 22.6 | 100 | 1 | 08/23/2025 17:18 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Manganese | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:18 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 13:16 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* | | *08/23/2025 13:16* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *93.4* | | | *77.0-126* | | *08/23/2025 13:16* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *101* | | | *70.0-130* | | *08/23/2025 13:16* | WG2585810 |

## Method Blank (MB)

(MB) R4264752-1 08/25/25 12:43

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

## L1889726-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1889726-01 08/25/25 12:43 • (DUP) R4264752-3 08/25/25 12:43

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 610000 | 620000 | 1 | 1.63 | | 10 |

## L1890396-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1890396-06 08/25/25 12:43 • (DUP) R4264752-4 08/25/25 12:43

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 549000 | 543000 | 1 | 1.10 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4264752-2 08/25/25 12:43

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Dissolved Solids | 8800000 | 8720000 | 99.1 | 90.0-110 | |

## Method Blank (MB)

(MB) R4263480-1 08/23/25 17:33

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

## L1890364-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1890364-02 08/23/25 17:33 • (DUP) R4263480-3 08/23/25 17:33

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 608000 | 609000 | 1 | 0.164 | | 10 |

## L1890396-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1890396-02 08/23/25 17:33 • (DUP) R4263480-4 08/23/25 17:33

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 555000 | 572000 | 1 | 3.02 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4263480-2 08/23/25 17:33

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8650000 | 98.3 | 90.0-110 | |

## Method Blank (MB)

(MB) R4263242-1 08/23/25 03:16

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

## L1889981-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1889981-02 08/23/25 03:16 • (DUP) R4263242-3 08/23/25 03:16

| 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 |

## L1891374-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1891374-07 08/23/25 03:16 • (DUP) R4263242-4 08/23/25 03:16

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 684000 | 703000 | 1 | 2.69 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4263242-2 08/23/25 03:16

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Dissolved Solids | 8800000 | 8490000 | 96.5 | 90.0-110 | |

## Method Blank (MB)

(MB) R4265405-1 08/25/25 16:58

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

## L1890301-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890301-01 08/25/25 16:58 • (DUP) R4265405-3 08/25/25 16:58

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 1360000 | 1400000 | 1 | 3.27 | | 10 |

## L1890396-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1890396-05 08/25/25 16:58 • (DUP) R4265405-4 08/25/25 16:58

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 390000 | 388000 | 1 | 0.514 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4265405-2 08/25/25 16:58

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8690000 | 98.8 | 90.0-110 | |

## Method Blank (MB)

(MB) R4265439-1 08/26/25 14:24

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

## L1890336-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890336-01 08/26/25 14:24 • (DUP) R4265439-3 08/26/25 14:24

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 1560000 | 1660000 | 1 | 6.21 | | 10 |

## L1891374-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1891374-16 08/26/25 14:24 • (DUP) R4265439-4 08/26/25 14:24

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 649000 | 616000 | 1 | 5.27 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4265439-2 08/26/25 14:24

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8260000 | 93.9 | 90.0-110 | |

## Method Blank (MB)

(MB) R4265490-1 08/26/25 18:00

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

## L1890141-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890141-01 08/26/25 18:00 • (DUP) R4265490-3 08/26/25 18:00

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 600000 | 612000 | 1 | 1.98 | | 10 |

## L1891374-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1891374-19 08/26/25 18:00 • (DUP) R4265490-4 08/26/25 18:00

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 381000 | 377000 | 1 | 1.06 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4265490-2 08/26/25 18:00

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Dissolved Solids | 8800000 | 8650000 | 98.3 | 90.0-110 | |

## Method Blank (MB)

(MB) R4264832-1 08/26/25 23:43

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

## L1890336-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1890336-02 08/27/25 00:33 • (DUP) R4264832-3 08/27/25 00:46

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 49500 | 49600 | 1 | 0.0684 | | 15 |
| Sulfate | 30400 | 30400 | 1 | 0.0401 | | 15 |

## L1890336-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1890336-04 08/27/25 01:49 • (DUP) R4264832-6 08/27/25 02:01

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 40300 | 40300 | 1 | 0.0295 | | 15 |
| Sulfate | 43800 | 43700 | 1 | 0.232 | | 15 |

## Laboratory Control Sample (LCS)

(LCS) R4264832-2 08/26/25 23:55

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

## L1890336-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890336-02 08/27/25 00:33 • (MS) R4264832-4 08/27/25 00:58 • (MSD) R4264832-5 08/27/25 01:11

| 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 | 49500 | 79300 | 72300 | 74.5 | 57.0 | 1 | 80.0-120 | J6 | J6 | 9.23 | 15 |
| Sulfate | 40000 | 30400 | 64200 | 58700 | 84.4 | 70.6 | 1 | 80.0-120 | | J6 | 8.96 | 15 |

## L1890336-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1890336-04 08/27/25 01:49 • (MS) R4264832-7 08/27/25 02:14

| Analyte | Spike Amount ug/l | Original Result ug/l | MS Result ug/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 40300 | 71900 | 79.0 | 1 | 80.0-120 | J6 |
| Sulfate | 40000 | 43800 | 74700 | 77.2 | 1 | 80.0-120 | J6 |

## Method Blank (MB)

(MB) R4266445-1 08/29/25 02:48

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

## L1890396-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1890396-05 08/29/25 03:23 • (DUP) R4266445-3 08/29/25 03:40

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Chloride | 8450 | 8440 | 1 | 0.111 | | 15 |
| Sulfate | 16700 | 16800 | 1 | 0.624 | | 15 |

## L1890414-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890414-01 08/29/25 04:50 • (DUP) R4266445-5 08/29/25 05:07

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Chloride | 56000 | 76100 | 1 | 30.5 | J3 | 15 |
| Sulfate | 910 | U | 1 | 200 | P1 | 15 |

## Laboratory Control Sample (LCS)

(LCS) R4266445-2 08/29/25 03:06

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Chloride | 40000 | 36800 | 91.9 | 80.0-120 | |
| Sulfate | 40000 | 36800 | 92.0 | 80.0-120 | |

## L1890396-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1890396-05 08/29/25 03:23 • (MS) R4266445-4 08/29/25 03:58

| Analyte | Spike Amount | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | MS Qualifier |
|---|---|---|---|---|---|---|---|
| | ug/l | ug/l | ug/l | % | | % | |
| Chloride | 40000 | 8450 | 45000 | 91.3 | 1 | 80.0-120 | |
| Sulfate | 40000 | 16700 | 52400 | 89.3 | 1 | 80.0-120 | |

## L1890414-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890414-01 08/29/25 04:50 • (MS) R4266445-6 08/29/25 05:24 • (MSD) R4266445-7 08/29/25 05:42

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 56000 | 97200 | 102000 | 103 | 114 | 1 | 80.0-120 | | E | 4.29 | 15 |
| Sulfate | 40000 | 910 | 37600 | 39300 | 91.8 | 96.0 | 1 | 80.0-120 | | | 4.32 | 15 |

## Method Blank (MB)

(MB) R4265395-2 08/28/25 00:08

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

## L1890368-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1890368-06 08/28/25 01:40 • (DUP) R4265395-5 08/28/25 02:02

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 1180 | 1190 | 1 | 0.844 | | 20 |

## L1890420-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890420-01 08/28/25 06:54 • (DUP) R4265395-8 08/28/25 07:14

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 2280 | 2300 | 1 | 0.698 | | 20 |

## Laboratory Control Sample (LCS)

(LCS) R4265395-1 08/27/25 23:49

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 24400 | 97.8 | 80.0-120 | |

## L1890368-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890368-05 08/28/25 00:31 • (MS) R4265395-3 08/28/25 00:56 • (MSD) R4265395-4 08/28/25 01:20

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 965 | 25000 | 25200 | 96.2 | 96.7 | 1 | 75.0-125 | | | 0.518 | 20 |

## L1890396-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890396-07 08/28/25 05:45 • (MS) R4265395-6 08/28/25 06:09 • (MSD) R4265395-7 08/28/25 06:33

| 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 | 24200 | 24500 | 96.8 | 97.8 | 1 | 75.0-125 | | | 1.03 | 20 |

## Method Blank (MB)

(MB) R4263009-1 08/23/25 15:41

| 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 | 0.710 | J | 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) R4263009-2 08/23/25 15:45

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Antimony | 50.0 | 48.2 | 96.5 | 80.0-120 | |
| Arsenic | 50.0 | 47.5 | 95.0 | 80.0-120 | |
| Barium | 50.0 | 46.0 | 92.1 | 80.0-120 | |
| Beryllium | 50.0 | 47.1 | 94.2 | 80.0-120 | |
| Cadmium | 50.0 | 49.2 | 98.4 | 80.0-120 | |
| Chromium | 50.0 | 48.4 | 96.7 | 80.0-120 | |
| Copper | 50.0 | 48.3 | 96.7 | 80.0-120 | |
| Cobalt | 50.0 | 49.0 | 98.0 | 80.0-120 | |
| Iron | 1000 | 967 | 96.7 | 80.0-120 | |
| Lead | 50.0 | 47.2 | 94.5 | 80.0-120 | |
| Manganese | 50.0 | 46.7 | 93.5 | 80.0-120 | |
| Nickel | 50.0 | 50.2 | 100 | 80.0-120 | |
| Selenium | 50.0 | 45.6 | 91.1 | 80.0-120 | |
| Silver | 50.0 | 49.3 | 98.6 | 80.0-120 | |
| Thallium | 50.0 | 46.8 | 93.6 | 80.0-120 | |
| Vanadium | 50.0 | 48.9 | 97.8 | 80.0-120 | |

## Laboratory Control Sample (LCS)

(LCS) R4263009-2 08/23/25 15:45

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Zinc | 50.0 | 47.0 | 94.1 | 80.0-120 | |

## L1890390-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890390-03 08/23/25 15:48 • (MS) R4263009-4 08/23/25 15:54 • (MSD) R4263009-5 08/23/25 15:57

| 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 | 48.3 | 48.5 | 96.5 | 97.1 | 1 | 75.0-125 | | | 0.567 | 20 |
| Arsenic | 50.0 | 2.14 | 51.3 | 50.7 | 98.4 | 97.1 | 1 | 75.0-125 | | | 1.28 | 20 |
| Barium | 50.0 | 67.7 | 122 | 121 | 108 | 106 | 1 | 75.0-125 | | | 0.887 | 20 |
| Beryllium | 50.0 | 0.200 | 47.6 | 46.4 | 94.7 | 92.3 | 1 | 75.0-125 | | | 2.53 | 20 |
| Cadmium | 50.0 | U | 49.7 | 49.1 | 99.3 | 98.3 | 1 | 75.0-125 | | | 1.02 | 20 |
| Chromium | 50.0 | 1.15 | 50.7 | 49.7 | 99.1 | 97.1 | 1 | 75.0-125 | | | 2.01 | 20 |
| Copper | 50.0 | 4.76 | 53.7 | 52.2 | 97.9 | 94.8 | 1 | 75.0-125 | | | 2.97 | 20 |
| Cobalt | 50.0 | 1.78 | 50.2 | 49.8 | 96.8 | 96.1 | 1 | 75.0-125 | | | 0.645 | 20 |
| Iron | 1000 | 1280 | 2740 | 2490 | 146 | 121 | 1 | 75.0-125 | J5 | | 9.37 | 20 |
| Lead | 50.0 | 3.52 | 51.4 | 50.7 | 95.8 | 94.5 | 1 | 75.0-125 | | | 1.29 | 20 |
| Manganese | 50.0 | 143 | 192 | 191 | 96.3 | 94.9 | 1 | 75.0-125 | | | 0.355 | 20 |
| Nickel | 50.0 | 3.21 | 51.3 | 51.2 | 96.2 | 96.0 | 1 | 75.0-125 | | | 0.246 | 20 |
| Selenium | 50.0 | 2.85 | 52.6 | 50.3 | 99.4 | 94.9 | 1 | 75.0-125 | | | 4.44 | 20 |
| Silver | 50.0 | U | 50.3 | 49.9 | 101 | 99.8 | 1 | 75.0-125 | | | 0.868 | 20 |
| Thallium | 50.0 | U | 48.3 | 47.7 | 96.6 | 95.4 | 1 | 75.0-125 | | | 1.20 | 20 |
| Vanadium | 50.0 | 6.58 | 55.8 | 54.8 | 98.5 | 96.4 | 1 | 75.0-125 | | | 1.89 | 20 |
| Zinc | 50.0 | 16.2 | 65.9 | 63.5 | 99.6 | 94.7 | 1 | 75.0-125 | | | 3.73 | 20 |

## Method Blank (MB)

(MB) R4263062-3 08/23/25 10:23

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4263062-3 08/23/25 10:23

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *100* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *94.3* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *100* | | | *70.0-130* |

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

(LCS) R4263062-1 08/23/25 09:24 • (LCSD) R4263062-2 08/23/25 09:44

| 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 | 125 | 161 | 151 | 129 | 121 | 19.0-160 | | | 6.41 | 27 |
| Acrylonitrile | 125 | 109 | 108 | 87.2 | 86.4 | 55.0-149 | | | 0.922 | 20 |
| Benzene | 25.0 | 22.7 | 22.6 | 90.8 | 90.4 | 70.0-123 | | | 0.442 | 20 |
| Bromochloromethane | 25.0 | 20.8 | 21.0 | 83.2 | 84.0 | 76.0-122 | | | 0.957 | 20 |
| Bromodichloromethane | 25.0 | 21.7 | 22.1 | 86.8 | 88.4 | 75.0-120 | | | 1.83 | 20 |
| Bromoform | 25.0 | 20.5 | 19.5 | 82.0 | 78.0 | 68.0-132 | | | 5.00 | 20 |
| Bromomethane | 25.0 | 23.2 | 24.5 | 92.8 | 98.0 | 10.0-160 | | | 5.45 | 25 |
| Carbon disulfide | 25.0 | 22.2 | 22.2 | 88.8 | 88.8 | 61.0-128 | | | 0.000 | 20 |
| Carbon tetrachloride | 25.0 | 22.3 | 22.1 | 89.2 | 88.4 | 68.0-126 | | | 0.901 | 20 |
| Chlorobenzene | 25.0 | 22.5 | 21.6 | 90.0 | 86.4 | 80.0-121 | | | 4.08 | 20 |
| Chlorodibromomethane | 25.0 | 21.1 | 20.6 | 84.4 | 82.4 | 77.0-125 | | | 2.40 | 20 |
| Chloroethane | 25.0 | 24.4 | 24.7 | 97.6 | 98.8 | 47.0-150 | | | 1.22 | 20 |
| Chloroform | 25.0 | 21.3 | 21.9 | 85.2 | 87.6 | 73.0-120 | | | 2.78 | 20 |
| Chloromethane | 25.0 | 24.9 | 24.7 | 99.6 | 98.8 | 41.0-142 | | | 0.806 | 20 |
| Dibromomethane | 25.0 | 21.8 | 22.4 | 87.2 | 89.6 | 80.0-120 | | | 2.71 | 20 |
| 1,2-Dibromoethane | 25.0 | 22.0 | 21.4 | 88.0 | 85.6 | 80.0-122 | | | 2.76 | 20 |
| 1,2-Dibromo-3-Chloropropane | 25.0 | 18.7 | 17.9 | 74.8 | 71.6 | 58.0-134 | | | 4.37 | 20 |
| 1,2-Dichlorobenzene | 25.0 | 21.1 | 20.8 | 84.4 | 83.2 | 79.0-121 | | | 1.43 | 20 |
| 1,4-Dichlorobenzene | 25.0 | 21.6 | 21.0 | 86.4 | 84.0 | 79.0-120 | | | 2.82 | 20 |
| trans-1,4-Dichloro-2-butene | 25.0 | 7.90 | 8.04 | 31.6 | 32.2 | 33.0-144 | J4 | J4 | 1.76 | 20 |
| 1,1-Dichloroethane | 25.0 | 22.1 | 22.7 | 88.4 | 90.8 | 70.0-126 | | | 2.68 | 20 |
| 1,2-Dichloroethane | 25.0 | 22.2 | 22.0 | 88.8 | 88.0 | 70.0-128 | | | 0.905 | 20 |
| 1,1-Dichloroethene | 25.0 | 20.7 | 21.2 | 82.8 | 84.8 | 71.0-124 | | | 2.39 | 20 |

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

(LCS) R4263062-1 08/23/25 09:24 • (LCSD) R4263062-2 08/23/25 09:44

| 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 | 25.0 | 20.8 | 21.2 | 83.2 | 84.8 | 73.0-120 | | | 1.90 | 20 |
| trans-1,2-Dichloroethene | 25.0 | 22.4 | 22.8 | 89.6 | 91.2 | 73.0-120 | | | 1.77 | 20 |
| 1,2-Dichloropropane | 25.0 | 22.1 | 22.6 | 88.4 | 90.4 | 77.0-125 | | | 2.24 | 20 |
| cis-1,3-Dichloropropene | 25.0 | 22.1 | 21.9 | 88.4 | 87.6 | 80.0-123 | | | 0.909 | 20 |
| trans-1,3-Dichloropropene | 25.0 | 22.2 | 21.4 | 88.8 | 85.6 | 78.0-124 | | | 3.67 | 20 |
| Ethylbenzene | 25.0 | 22.0 | 21.2 | 88.0 | 84.8 | 79.0-123 | | | 3.70 | 20 |
| 2-Hexanone | 125 | 138 | 134 | 110 | 107 | 67.0-149 | | | 2.94 | 20 |
| Iodomethane | 125 | 103 | 106 | 82.4 | 84.8 | 33.0-147 | | | 2.87 | 26 |
| 2-Butanone (MEK) | 125 | 134 | 129 | 107 | 103 | 44.0-160 | | | 3.80 | 20 |
| Methylene Chloride | 25.0 | 21.7 | 21.8 | 86.8 | 87.2 | 67.0-120 | | | 0.460 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 125 | 125 | 121 | 100 | 96.8 | 68.0-142 | | | 3.25 | 20 |
| Styrene | 25.0 | 22.5 | 21.5 | 90.0 | 86.0 | 73.0-130 | | | 4.55 | 20 |
| 1,1,1,2-Tetrachloroethane | 25.0 | 20.6 | 20.3 | 82.4 | 81.2 | 75.0-125 | | | 1.47 | 20 |
| 1,1,2,2-Tetrachloroethane | 25.0 | 21.9 | 22.3 | 87.6 | 89.2 | 65.0-130 | | | 1.81 | 20 |
| Tetrachloroethene | 25.0 | 20.8 | 20.0 | 83.2 | 80.0 | 72.0-132 | | | 3.92 | 20 |
| Toluene | 25.0 | 23.0 | 22.4 | 92.0 | 89.6 | 79.0-120 | | | 2.64 | 20 |
| 1,1,1-Trichloroethane | 25.0 | 22.1 | 22.6 | 88.4 | 90.4 | 73.0-124 | | | 2.24 | 20 |
| 1,1,2-Trichloroethane | 25.0 | 22.3 | 21.7 | 89.2 | 86.8 | 80.0-120 | | | 2.73 | 20 |
| Trichloroethene | 25.0 | 22.4 | 22.3 | 89.6 | 89.2 | 78.0-124 | | | 0.447 | 20 |
| Trichlorofluoromethane | 25.0 | 22.7 | 23.7 | 90.8 | 94.8 | 59.0-147 | | | 4.31 | 20 |
| 1,2,3-Trichloropropane | 25.0 | 21.7 | 21.8 | 86.8 | 87.2 | 73.0-130 | | | 0.460 | 20 |
| Vinyl acetate | 125 | 94.4 | 95.0 | 75.5 | 76.0 | 11.0-160 | | | 0.634 | 20 |
| Vinyl chloride | 25.0 | 22.5 | 22.8 | 90.0 | 91.2 | 67.0-131 | | | 1.32 | 20 |
| Xylenes, Total | 75.0 | 66.6 | 63.6 | 88.8 | 84.8 | 79.0-123 | | | 4.61 | 20 |
| *(S) Toluene-d8* | | | | *99.1* | *98.1* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *94.5* | *90.1* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *105* | *108* | *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. |
| 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 |
|---|---|
| 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. |

# GLOSSARY OF TERMS

| Qualifier | Description |
|---|---|
| P1 | RPD value not applicable for sample concentrations less than 5 times the reporting limit. |

# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

**Legacy Land[illegible]**

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 # **A25-01259**

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

| 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 | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-23 | Grab | GW | | 8/18/25 | 1310 | 6 | X | X | X | X | X | | -01 |
| MW-24 | | GW | | 8/18/25 | 1415 | 6 | X | X | X | X | X | | -02 |
| MW-25 | | GW | | 8/18/25 | 1550 | 6 | X | X | X | X | X | | -03 |
| MW-26 | | GW | | 8/18/25 | 910 | 6 | X | X | X | X | X | | -04 |
| MW-27R | | GW | | 8/19/25 | 1020 | 6 | X | X | X | X | X | | -05 |
| MW-24 DUP | | GW | | 8/18/25 | 1420 | 6 | X | X | X | X | X | | -06 |
| EB-1 | | GW | | 8/19/25 | 1100 | 6 | X | X | X | X | X | | -07 |
| | | GW | | | | 6 | X | X | X | X | X | | |
| | | GW | | | | 6 | X | X | X | X | X | | |

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 # L1690396
G236

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1170400**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEX Ground**

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

**Remarks:**

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by : (Signature) Michael Clayton — Date: 8/19/25 — Time: 1300 — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received for lab by: (Signature) Sabrina Ladd — Date: 8/20/25 — Time: 900

Trip Blank Received: Yes / No (HCl / MeoH) TBR — 1

Temp: °C — Bottles Received: 42

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 |

If preservation required by Login: Date/Time

**Multiple Parcel Form** L# L1890396

| Parcel Tracking Number | Infrared Thermometer ID | Temperature Reading (°C) | Correction Factor (°C) | Corrected Temperature (°C) | Custody Seal Intact |
|---|---|---|---|---|---|
| 8836 9123 8557 | EDA9 | 2.5 | -0.1 | 2.4 | (Yes) / No / Not Present |
| 4580 6325 4350 | EDA9 | 3.3 | -0.1 | 3.2 | (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 |

Sabryn
Name

8/20/25
Date

# SECOND HALF 2025 DETECTION MONITORING & QUARTERLY BACKGROUND SAMPLING EVENT NOVEMBER 2025

# ANALYTICAL REPORT

December 17, 2025



## Legacy Landfill

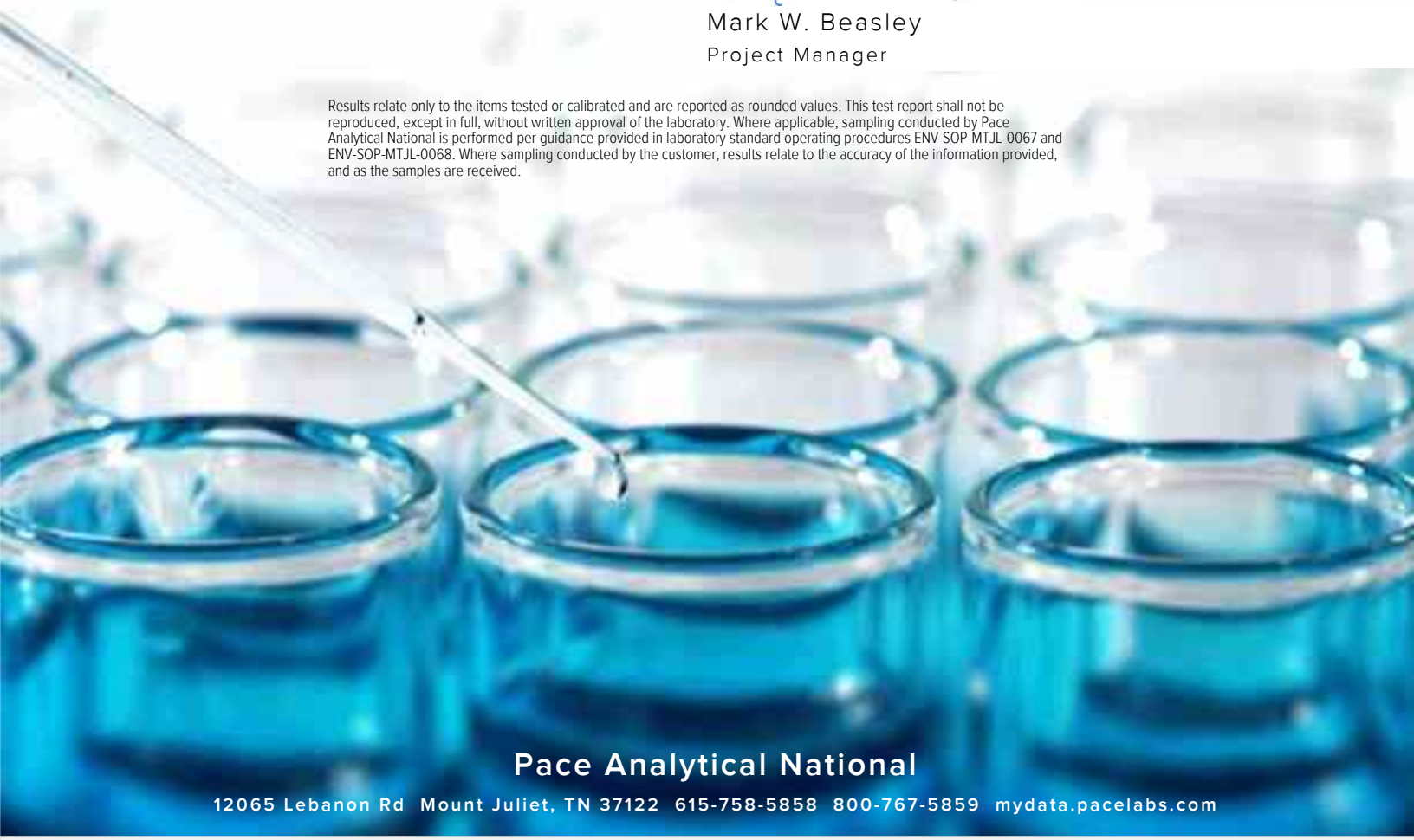
| | |
|---|---|
| Sample Delivery Group: | L1921578 |
| Samples Received: | 11/22/2025 |
| Project Number: | A25-01259 |
| Description: | Craighead County - Legacy Landfill |

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

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## MW-9R2 L1921578-01

Collected by: Michael Clayton | Collected date/time: 11/19/25 10:00 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 02:51 | 11/27/25 02:51 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 21:02 | 12/01/25 21:02 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:20 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2647807 | 1 | 11/26/25 13:42 | 11/26/25 13:42 | JAH | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648776 | 1 | 11/28/25 14:39 | 11/28/25 14:39 | NCD | Mt. Juliet, TN |

## MW-14R L1921578-02

Collected by: Michael Clayton | Collected date/time: 11/18/25 12:45 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 03:01 | 11/27/25 03:01 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 21:17 | 12/01/25 21:17 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:07 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2647601 | 1 | 11/26/25 03:29 | 11/26/25 03:29 | DYW | Mt. Juliet, TN |

## MW-16R L1921578-03

Collected by: Michael Clayton | Collected date/time: 11/18/25 14:40 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 03:12 | 11/27/25 03:12 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 21:33 | 12/01/25 21:33 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:23 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2647807 | 1 | 11/26/25 14:03 | 11/26/25 14:03 | JAH | Mt. Juliet, TN |

## MW-17R L1921578-04

Collected by: Michael Clayton | Collected date/time: 11/18/25 14:20 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 03:22 | 11/27/25 03:22 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 22:25 | 12/01/25 22:25 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 1 | 12/02/25 19:28 | 12/16/25 15:12 | JDB | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2647807 | 1 | 11/26/25 14:24 | 11/26/25 14:24 | JAH | Mt. Juliet, TN |

## MW-19 L1921578-05

Collected by: Michael Clayton | Collected date/time: 11/18/25 15:30 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 03:54 | 11/27/25 03:54 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 23:23 | 12/01/25 23:23 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:26 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 11:05 | 11/29/25 11:05 | ACG | Mt. Juliet, TN |

## MW-20R L1921578-06

Collected by: Michael Clayton | Collected date/time: 11/19/25 15:50 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:05 | 11/27/25 04:05 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 23:54 | 12/01/25 23:54 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:29 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 11:26 | 11/29/25 11:26 | ACG | Mt. Juliet, TN |

## MW-21 L1921578-07

Collected by: Michael Clayton | Collected date/time: 11/21/25 11:00 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:15 | 11/27/25 04:15 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 00:09 | 12/02/25 00:09 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:40 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 11:46 | 11/29/25 11:46 | ACG | Mt. Juliet, TN |

## MW-22 L1921578-08

Collected by: Michael Clayton | Collected date/time: 11/18/25 09:55 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:26 | 11/27/25 04:26 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 00:25 | 12/02/25 00:25 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:43 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 12:06 | 11/29/25 12:06 | ACG | Mt. Juliet, TN |

## MW-23 L1921578-09

Collected by: Michael Clayton | Collected date/time: 11/19/25 12:20 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:36 | 11/27/25 04:36 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 00:47 | 12/02/25 00:47 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:46 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 12:26 | 11/29/25 12:26 | ACG | Mt. Juliet, TN |

## MW-24 L1921578-10

Collected by: Michael Clayton | Collected date/time: 11/19/25 13:30 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:47 | 11/27/25 04:47 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 01:03 | 12/02/25 01:03 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:49 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 12:46 | 11/29/25 12:46 | ACG | Mt. Juliet, TN |

## MW-25 L1921578-11

Collected by: Michael Clayton | Collected date/time: 11/19/25 14:45 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:58 | 11/27/25 04:58 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 01:18 | 12/02/25 01:18 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:52 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 13:06 | 11/29/25 13:06 | ACG | Mt. Juliet, TN |

## MW-26 L1921578-12

Collected by: Michael Clayton | Collected date/time: 11/21/25 13:10 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 05:08 | 11/27/25 05:08 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 01:33 | 12/02/25 01:33 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:55 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 13:26 | 11/29/25 13:26 | ACG | Mt. Juliet, TN |

## MW-27R L1921578-13

Collected by: Michael Clayton | Collected date/time: 11/21/25 11:55 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 05:19 | 11/27/25 05:19 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 01:48 | 12/02/25 01:48 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:58 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 13:46 | 11/29/25 13:46 | ACG | Mt. Juliet, TN |

## LEACHATE BLDG A L1921578-14

Collected by: Michael Clayton | Collected date/time: 11/21/25 14:00 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 5 | 11/27/25 05:51 | 11/27/25 05:51 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 50 | 11/27/25 06:01 | 11/27/25 06:01 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 20 | 12/01/25 22:02 | 12/01/25 22:02 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 10 | 12/02/25 19:28 | 12/16/25 20:52 | LD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 5 | 12/02/25 19:28 | 12/16/25 15:15 | LD | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2649262 | 10 | 11/29/25 21:51 | 11/29/25 21:51 | JHH | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2650420 | 10 | 12/02/25 17:11 | 12/02/25 17:11 | JAH | Mt. Juliet, TN |

## LEACHATE BLDG B L1921578-15

Collected by: Michael Clayton | Collected date/time: 11/21/25 14:30 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645921 | 1 | 11/28/25 18:55 | 11/28/25 18:55 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 1 | 12/01/25 22:22 | 12/01/25 22:22 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 21:01 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2649262 | 1 | 11/29/25 15:51 | 11/29/25 15:51 | JHH | Mt. Juliet, TN |

## LEACHATE BLDG C L1921578-16

Collected by: Michael Clayton | Collected date/time: 11/21/25 15:00 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645921 | 50 | 11/28/25 19:17 | 11/28/25 19:17 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 20 | 12/01/25 22:44 | 12/01/25 22:44 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 9 | 12/02/25 19:28 | 12/16/25 18:03 | LD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 9 | 12/02/25 19:28 | 12/16/25 20:56 | LD | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2649262 | 1 | 11/29/25 16:12 | 11/29/25 16:12 | JHH | Mt. Juliet, TN |

## MW-20R DUP L1921578-17

Collected by: Michael Clayton | Collected date/time: 11/19/25 15:55 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645921 | 1 | 11/28/25 19:28 | 11/28/25 19:28 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 1 | 12/01/25 23:01 | 12/01/25 23:01 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 21:04 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2649262 | 1 | 11/29/25 16:34 | 11/29/25 16:34 | JHH | Mt. Juliet, TN |

## EB-1 L1921578-18

Collected by: Michael Clayton | Collected date/time: 11/21/25 13:40 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645921 | 1 | 11/28/25 20:22 | 11/28/25 20:22 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 1 | 12/02/25 00:07 | 12/02/25 00:07 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 21:07 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 14:07 | 11/29/25 14:07 | ACG | 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

## Sample Delivery Group (SDG) Narrative

**pH outside of method requirement.**

| Lab Sample ID | Project Sample ID | Method |
|---|---|---|
| L1921578-14 | LEACHATE BLDG A | 8260D |

**The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.**

| Lab Sample ID | Project Sample ID | Method |
|---|---|---|
| L1921578-14 | LEACHATE BLDG A | 9060A |
| L1921578-16 | LEACHATE BLDG C | 6020B, 9060A |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 320000 | J3 | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7800 | | 547 | 1000 | 1 | 11/27/2025 02:51 | WG2645920 |
| Sulfate | 20300 | | 637 | 5000 | 1 | 11/27/2025 02:51 | WG2645920 |

## 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) | 698 | J | 495 | 1000 | 1 | 12/01/2025 21:02 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | 0.502 | J | 0.310 | 4.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Arsenic | 2.84 | | 0.120 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Barium | 182 | | 0.500 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Beryllium | 0.357 | J | 0.200 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Cadmium | 0.426 | J | 0.120 | 1.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Copper | 1.60 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Cobalt | 0.612 | J | 0.100 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Iron | 2780 | | 22.6 | 100 | 1 | 12/13/2025 20:20 | WG2646589 |
| Lead | 0.536 | J | 0.500 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Manganese | 827 | | 0.700 | 5.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Nickel | 7.70 | | 0.500 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Selenium | 0.447 | J | 0.250 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Silver | 0.116 | J | 0.110 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Thallium | 0.450 | J | 0.130 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Vanadium | 0.606 | J | 0.520 | 5.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Zinc | 14.0 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:20 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | J3 | 46.9 | 50.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| cis-1,2-Dichloroethene | 0.504 | J | 0.323 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Iodomethane | U | C3 | 9.96 | 30.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| 2-Butanone (MEK) | U | J3 | 9.00 | 20.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/28/2025 14:39 | WG2648776 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/26/2025 13:42 | WG2647807 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| *(S) Toluene-d8* | *108* | | | *80.0-120* | | *11/26/2025 13:42* | WG2647807 |
| *(S) Toluene-d8* | *95.3* | | | *80.0-120* | | *11/28/2025 14:39* | WG2648776 |
| *(S) 4-Bromofluorobenzene* | *90.8* | | | *77.0-126* | | *11/26/2025 13:42* | WG2647807 |
| *(S) 4-Bromofluorobenzene* | *99.4* | | | *77.0-126* | | *11/28/2025 14:39* | WG2648776 |
| *(S) 1,2-Dichloroethane-d4* | *104* | | | *70.0-130* | | *11/26/2025 13:42* | WG2647807 |
| *(S) 1,2-Dichloroethane-d4* | *107* | | | *70.0-130* | | *11/28/2025 14:39* | WG2648776 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 559000 | | 13300 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 42100 | | 547 | 1000 | 1 | 11/27/2025 03:01 | WG2645920 |
| Sulfate | 65900 | | 637 | 5000 | 1 | 11/27/2025 03:01 | WG2645920 |

## 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) | 752 | J | 495 | 1000 | 1 | 12/01/2025 21:17 | WG2649724 |

## 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 | 12/13/2025 20:07 | WG2646589 |
| Arsenic | 2.51 | | 0.120 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Barium | 283 | V | 0.500 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Copper | 2.27 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Cobalt | 0.573 | J | 0.100 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Iron | 8590 | | 22.6 | 100 | 1 | 12/13/2025 20:07 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Manganese | 313 | | 0.700 | 5.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Zinc | 17.1 | J J6 | 4.00 | 25.0 | 1 | 12/13/2025 20:07 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | C3 | 46.9 | 50.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |

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

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| 2-Butanone (MEK) | U | C3 | 9.00 | 20.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/26/2025 03:29 | WG2647601 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| *(S) Toluene-d8* | *107* | | | *80.0-120* | | *11/26/2025 03:29* | WG2647601 |
| *(S) 4-Bromofluorobenzene* | *107* | | | *77.0-126* | | *11/26/2025 03:29* | WG2647601 |
| *(S) 1,2-Dichloroethane-d4* | *95.1* | | | *70.0-130* | | *11/26/2025 03:29* | WG2647601 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 349000 | | 10000 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 9570 | | 547 | 1000 | 1 | 11/27/2025 03:12 | WG2645920 |
| Sulfate | 24100 | | 637 | 5000 | 1 | 11/27/2025 03:12 | WG2645920 |

## 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) | 817 | J | 495 | 1000 | 1 | 12/01/2025 21:33 | WG2649724 |

## 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 | 12/13/2025 20:23 | WG2646589 |
| Arsenic | 1.10 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Barium | 123 | | 0.500 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Chromium | 0.941 | J | 0.900 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Copper | 0.895 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Iron | 1120 | | 22.6 | 100 | 1 | 12/13/2025 20:23 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Manganese | 638 | | 0.700 | 5.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Zinc | 10.9 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:23 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | J3 | 46.9 | 50.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Iodomethane | U | C3 | 9.96 | 30.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| 2-Butanone (MEK) | U | J3 | 9.00 | 20.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/26/2025 14:03 | WG2647807 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| *(S) Toluene-d8* | *107* | | | *80.0-120* | | *11/26/2025 14:03* | WG2647807 |
| *(S) 4-Bromofluorobenzene* | *88.4* | | | *77.0-126* | | *11/26/2025 14:03* | WG2647807 |
| *(S) 1,2-Dichloroethane-d4* | *105* | | | *70.0-130* | | *11/26/2025 14:03* | WG2647807 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 456000 | | 10000 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7870 | | 547 | 1000 | 1 | 11/27/2025 03:22 | WG2645920 |
| Sulfate | 36100 | | 637 | 5000 | 1 | 11/27/2025 03:22 | WG2645920 |

## 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) | 843 | J | 495 | 1000 | 1 | 12/01/2025 22:25 | WG2649724 |

## 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 | 12/16/2025 15:12 | WG2650234 |
| Arsenic | 0.892 | J | 0.120 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Barium | 159 | | 0.500 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Copper | 22.7 | | 0.700 | 5.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Cobalt | 0.132 | J | 0.100 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Iron | 2290 | | 22.6 | 100 | 1 | 12/16/2025 15:12 | WG2650234 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Manganese | 41.4 | | 0.700 | 5.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Zinc | U | | 4.00 | 25.0 | 1 | 12/16/2025 15:12 | WG2650234 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | J3 | 46.9 | 50.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Iodomethane | U | C3 | 9.96 | 30.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| 2-Butanone (MEK) | U | J3 | 9.00 | 20.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/26/2025 14:24 | WG2647807 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| *(S) Toluene-d8* | *107* | | | *80.0-120* | | *11/26/2025 14:24* | WG2647807 |
| *(S) 4-Bromofluorobenzene* | *88.7* | | | *77.0-126* | | *11/26/2025 14:24* | WG2647807 |
| *(S) 1,2-Dichloroethane-d4* | *103* | | | *70.0-130* | | *11/26/2025 14:24* | WG2647807 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 368000 | | 10000 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 9950 | | 547 | 1000 | 1 | 11/27/2025 03:54 | WG2645920 |
| Sulfate | 28500 | | 637 | 5000 | 1 | 11/27/2025 03:54 | WG2645920 |

## 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) | 914 | J | 495 | 1000 | 1 | 12/01/2025 23:23 | WG2649724 |

## 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 | 12/13/2025 20:26 | WG2646589 |
| Arsenic | 1.07 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Barium | 177 | | 0.500 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Copper | 1.29 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Iron | 1340 | | 22.6 | 100 | 1 | 12/13/2025 20:26 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Manganese | 596 | | 0.700 | 5.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Zinc | 13.2 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:26 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |

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

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 11:05 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *11/29/2025 11:05* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *96.2* | | | *77.0-126* | | *11/29/2025 11:05* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* | | *11/29/2025 11:05* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 231000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7870 | | 547 | 1000 | 1 | 11/27/2025 04:05 | WG2645920 |
| Sulfate | 19900 | | 637 | 5000 | 1 | 11/27/2025 04:05 | WG2645920 |

## 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) | 890 | J | 495 | 1000 | 1 | 12/01/2025 23:54 | WG2649724 |

## 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 | 12/13/2025 20:29 | WG2646589 |
| Arsenic | 0.407 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Barium | 145 | | 0.500 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Copper | 2.00 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Iron | 2600 | | 22.6 | 100 | 1 | 12/13/2025 20:29 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Manganese | 832 | | 0.700 | 5.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Zinc | 13.0 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:29 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1-Dichloroethane | 1.50 | | 0.389 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| cis-1,2-Dichloroethene | 0.444 | J | 0.323 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 11:26 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* | | *11/29/2025 11:26* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.4* | | | *77.0-126* | | *11/29/2025 11:26* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *107* | | | *70.0-130* | | *11/29/2025 11:26* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result | Qualifier | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|
| | ug/l | | ug/l | | date / time | |
| Dissolved Solids | 295000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Chloride | 5770 | | 547 | 1000 | 1 | 11/27/2025 04:15 | WG2645920 |
| Sulfate | 10200 | | 637 | 5000 | 1 | 11/27/2025 04:15 | WG2645920 |

## 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) | 849 | J | 495 | 1000 | 1 | 12/02/2025 00:09 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Arsenic | 1.36 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Barium | 113 | | 0.500 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Copper | 1.67 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Iron | 1180 | | 22.6 | 100 | 1 | 12/13/2025 20:40 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Manganese | 350 | | 0.700 | 5.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Zinc | 13.9 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:40 | WG2646589 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |

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

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 11:46 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* | | *11/29/2025 11:46* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *94.4* | | | *77.0-126* | | *11/29/2025 11:46* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *110* | | | *70.0-130* | | *11/29/2025 11:46* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 224000 | | 10000 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 4230 | | 547 | 1000 | 1 | 11/27/2025 04:26 | WG2645920 |
| Sulfate | 10400 | | 637 | 5000 | 1 | 11/27/2025 04:26 | WG2645920 |

## 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) | 713 | J | 495 | 1000 | 1 | 12/02/2025 00:25 | WG2649724 |

## 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 | 12/13/2025 20:43 | WG2646589 |
| Arsenic | 4.54 | | 0.120 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Barium | 66.1 | | 0.500 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Copper | 1.04 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Iron | 1050 | | 22.6 | 100 | 1 | 12/13/2025 20:43 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Manganese | 259 | | 0.700 | 5.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Silver | 0.133 | J | 0.110 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Zinc | 18.6 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:43 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 12:06 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* | | *11/29/2025 12:06* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.7* | | | *77.0-126* | | *11/29/2025 12:06* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* | | *11/29/2025 12:06* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 372000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7730 | | 547 | 1000 | 1 | 11/27/2025 04:36 | WG2645920 |
| Sulfate | 25900 | | 637 | 5000 | 1 | 11/27/2025 04:36 | WG2645920 |

## 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) | 866 | J | 495 | 1000 | 1 | 12/02/2025 00:47 | WG2649724 |

## 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 | 12/13/2025 20:46 | WG2646589 |
| Arsenic | 1.68 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Barium | 132 | | 0.500 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Copper | 1.59 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Iron | 2470 | | 22.6 | 100 | 1 | 12/13/2025 20:46 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Manganese | 287 | | 0.700 | 5.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Zinc | 19.5 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:46 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |

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

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 12:26 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* | | *11/29/2025 12:26* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *96.1* | | | *77.0-126* | | *11/29/2025 12:26* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *106* | | | *70.0-130* | | *11/29/2025 12:26* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 455000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 13000 | | 547 | 1000 | 1 | 11/27/2025 04:47 | WG2645920 |
| Sulfate | 38000 | | 637 | 5000 | 1 | 11/27/2025 04:47 | WG2645920 |

## 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) | 988 | J | 495 | 1000 | 1 | 12/02/2025 01:03 | WG2649724 |

## 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 | 12/13/2025 20:49 | WG2646589 |
| Arsenic | 1.26 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Barium | 177 | | 0.500 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Copper | 1.33 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Iron | 3940 | | 22.6 | 100 | 1 | 12/13/2025 20:49 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Manganese | 380 | | 0.700 | 5.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Zinc | 16.0 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:49 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |

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

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 12:46 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *11/29/2025 12:46* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *96.4* | | | *77.0-126* | | *11/29/2025 12:46* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* | | *11/29/2025 12:46* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 308000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 35100 | | 547 | 1000 | 1 | 11/27/2025 04:58 | WG2645920 |
| Sulfate | 63500 | | 637 | 5000 | 1 | 11/27/2025 04:58 | WG2645920 |

## 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) | 888 | J | 495 | 1000 | 1 | 12/02/2025 01:18 | WG2649724 |

## 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 | 12/13/2025 20:52 | WG2646589 |
| Arsenic | 1.19 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Barium | 231 | | 0.500 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Copper | 1.13 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Iron | 4990 | | 22.6 | 100 | 1 | 12/13/2025 20:52 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Manganese | 621 | | 0.700 | 5.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Zinc | 18.4 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:52 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 13:06 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| *(S) Toluene-d8* | *104* | | | *80.0-120* | | *11/29/2025 13:06* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.9* | | | *77.0-126* | | *11/29/2025 13:06* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* | | *11/29/2025 13:06* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 351000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 6760 | | 547 | 1000 | 1 | 11/27/2025 05:08 | WG2645920 |
| Sulfate | 16000 | | 637 | 5000 | 1 | 11/27/2025 05:08 | WG2645920 |

## 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) | 867 | J | 495 | 1000 | 1 | 12/02/2025 01:33 | WG2649724 |

## 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 | 12/13/2025 20:55 | WG2646589 |
| Arsenic | 1.20 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Barium | 129 | | 0.500 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Copper | 0.903 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Iron | 2210 | | 22.6 | 100 | 1 | 12/13/2025 20:55 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Manganese | 529 | | 0.700 | 5.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Zinc | 11.3 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:55 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 13:26 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* | | *11/29/2025 13:26* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.6* | | | *77.0-126* | | *11/29/2025 13:26* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *110* | | | *70.0-130* | | *11/29/2025 13:26* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 348000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 9250 | | 547 | 1000 | 1 | 11/27/2025 05:19 | WG2645920 |
| Sulfate | 17200 | | 637 | 5000 | 1 | 11/27/2025 05:19 | WG2645920 |

## 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) | 1010 | | 495 | 1000 | 1 | 12/02/2025 01:48 | WG2649724 |

## 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 | 12/13/2025 20:58 | WG2646589 |
| Arsenic | 0.699 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Barium | 169 | | 0.500 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Copper | U | | 0.700 | 5.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Iron | 3690 | | 22.6 | 100 | 1 | 12/13/2025 20:58 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Manganese | 468 | | 0.700 | 5.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Zinc | U | | 4.00 | 25.0 | 1 | 12/13/2025 20:58 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 13:46 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* | | *11/29/2025 13:46* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.1* | | | *77.0-126* | | *11/29/2025 13:46* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *107* | | | *70.0-130* | | *11/29/2025 13:46* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 5100000 | | 200000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 2220000 | | 27400 | 50000 | 50 | 11/27/2025 06:01 | WG2645920 |
| Sulfate | 4170 | J | 3180 | 25000 | 5 | 11/27/2025 05:51 | WG2645920 |

## 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) | 495000 | | 9900 | 20000 | 20 | 12/01/2025 22:02 | WG2650018 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | 80.5 | | 1.55 | 20.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Arsenic | 174 | | 0.600 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Barium | 2420 | | 5.00 | 20.0 | 10 | 12/16/2025 20:52 | WG2650234 |
| Beryllium | U | | 1.00 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Cadmium | U | | 0.600 | 5.00 | 5 | 12/16/2025 15:15 | WG2650234 |
| Chromium | 46.1 | | 4.50 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Copper | 8.69 | B J | 3.50 | 25.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Cobalt | 55.5 | | 0.500 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Iron | 19500 | | 113 | 500 | 5 | 12/16/2025 15:15 | WG2650234 |
| Lead | 4.87 | J | 2.50 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Manganese | 589 | | 3.50 | 25.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Nickel | 150 | | 2.50 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Selenium | 3.30 | J | 1.25 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Silver | U | | 0.550 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Thallium | U | | 0.650 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Vanadium | 26.8 | | 2.60 | 25.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Zinc | 50.9 | J | 20.0 | 125 | 5 | 12/16/2025 15:15 | WG2650234 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | 575 | C3 | 469 | 500 | 10 | 11/29/2025 21:51 | WG2649262 |
| Acrylonitrile | U | | 80.9 | 100 | 10 | 11/29/2025 21:51 | WG2649262 |
| Benzene | U | | 3.20 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Bromochloromethane | U | | 4.37 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Bromodichloromethane | U | | 3.71 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Bromoform | U | | 5.48 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Bromomethane | U | C3 | 48.5 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Carbon disulfide | U | | 5.10 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Carbon tetrachloride | U | | 3.60 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chlorobenzene | U | | 2.66 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chlorodibromomethane | U | | 3.98 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chloroethane | U | C3 | 27.9 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chloroform | U | | 12.8 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chloromethane | U | J4 | 17.0 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Dibromomethane | U | | 4.22 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2-Dibromoethane | U | | 3.41 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2-Dibromo-3-Chloropropane | U | | 12.5 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| 1,2-Dichlorobenzene | U | | 3.04 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,4-Dichlorobenzene | 5.73 | J | 2.77 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| trans-1,4-Dichloro-2-butene | U | C3 | 18.6 | 25.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1-Dichloroethane | U | | 3.89 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2-Dichloroethane | U | | 3.95 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1-Dichloroethene | U | | 4.22 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| cis-1,2-Dichloroethene | U | | 3.23 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| trans-1,2-Dichloroethene | U | | 3.48 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2-Dichloropropane | U | | 4.27 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| cis-1,3-Dichloropropene | U | | 3.48 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| trans-1,3-Dichloropropene | U | | 3.13 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Ethylbenzene | 11.1 | | 2.34 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 2-Hexanone | U | | 58.0 | 200 | 10 | 11/29/2025 21:51 | WG2649262 |
| Iodomethane | U | | 99.6 | 300 | 10 | 11/29/2025 21:51 | WG2649262 |
| 2-Butanone (MEK) | 833 | | 90.0 | 200 | 10 | 11/29/2025 21:51 | WG2649262 |
| Methylene Chloride | U | | 14.8 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 4-Methyl-2-pentanone (MIBK) | U | | 75.2 | 200 | 10 | 11/29/2025 21:51 | WG2649262 |
| Styrene | U | | 3.42 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1,1,2-Tetrachloroethane | U | | 3.81 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1,2,2-Tetrachloroethane | U | | 3.54 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Tetrachloroethene | U | | 3.58 | 10.0 | 10 | 12/02/2025 17:11 | WG2650420 |
| Toluene | 7.57 | J | 2.74 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1,1-Trichloroethane | U | | 3.36 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1,2-Trichloroethane | U | | 3.75 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Trichloroethene | U | | 3.83 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Trichlorofluoromethane | U | | 30.4 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2,3-Trichloropropane | U | | 6.02 | 25.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Vinyl acetate | U | | 84.7 | 100 | 10 | 11/29/2025 21:51 | WG2649262 |
| Vinyl chloride | U | | 4.58 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Xylenes, Total | 15.6 | J | 3.19 | 30.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| *(S) Toluene-d8* | *93.9* | | | *80.0-120* | | *11/29/2025 21:51* | WG2649262 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *12/02/2025 17:11* | WG2650420 |
| *(S) 4-Bromofluorobenzene* | *100* | | | *77.0-126* | | *11/29/2025 21:51* | WG2649262 |
| *(S) 4-Bromofluorobenzene* | *95.8* | | | *77.0-126* | | *12/02/2025 17:11* | WG2650420 |
| *(S) 1,2-Dichloroethane-d4* | *89.3* | | | *70.0-130* | | *11/29/2025 21:51* | WG2649262 |
| *(S) 1,2-Dichloroethane-d4* | *98.9* | | | *70.0-130* | | *12/02/2025 17:11* | WG2650420 |

**Sample Narrative:**

L1921578-14 WG2649262: Dilution due to foamy matrix.

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result | Qualifier | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|
| | ug/l | | ug/l | | date / time | |
| Dissolved Solids | 317000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Chloride | 69300 | | 547 | 1000 | 1 | 11/28/2025 18:55 | WG2645921 |
| Sulfate | 1800 | J | 637 | 5000 | 1 | 11/28/2025 18:55 | WG2645921 |

## 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) | 6190 | | 495 | 1000 | 1 | 12/01/2025 22:22 | WG2650018 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Antimony | 0.721 | J | 0.310 | 4.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Arsenic | 2.98 | | 0.120 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Barium | 152 | | 0.500 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Copper | 30.6 | | 0.700 | 5.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Cobalt | 2.16 | | 0.100 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Iron | 446 | | 22.6 | 100 | 1 | 12/13/2025 21:01 | WG2646589 |
| Lead | 3.47 | | 0.500 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Manganese | 16.7 | | 0.700 | 5.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Nickel | 8.11 | | 0.500 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Vanadium | 0.739 | J | 0.520 | 5.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Zinc | 79.5 | | 4.00 | 25.0 | 1 | 12/13/2025 21:01 | WG2646589 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Acetone | U | C3 | 46.9 | 50.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chloroethane | U | C3 | 2.79 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chloromethane | U | J4 | 1.70 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| trans-1,4-Dichloro-2-butene | U | C3 | 1.86 | 2.50 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 15:51 | WG2649262 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| *(S) Toluene-d8* | *98.3* | | | *80.0-120* | | *11/29/2025 15:51* | WG2649262 |
| *(S) 4-Bromofluorobenzene* | *96.6* | | | *77.0-126* | | *11/29/2025 15:51* | WG2649262 |
| *(S) 1,2-Dichloroethane-d4* | *90.8* | | | *70.0-130* | | *11/29/2025 15:51* | WG2649262 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 5920000 | | 200000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 1820000 | | 27400 | 50000 | 50 | 11/28/2025 19:17 | WG2645921 |
| Sulfate | U | | 31800 | 250000 | 50 | 11/28/2025 19:17 | WG2645921 |

**Sample Narrative:**

L1921578-16 WG2645921: 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) | 476000 | | 9900 | 20000 | 20 | 12/01/2025 22:44 | WG2650018 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | 3.82 | J | 2.79 | 36.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Arsenic | 50.2 | | 1.08 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Barium | 1840 | | 4.50 | 18.0 | 9 | 12/16/2025 20:56 | WG2650234 |
| Beryllium | U | | 1.80 | 18.0 | 9 | 12/16/2025 20:56 | WG2650234 |
| Cadmium | U | | 1.08 | 9.00 | 9 | 12/16/2025 18:03 | WG2650234 |
| Chromium | 60.8 | | 8.10 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Copper | 9.65 | B J | 6.30 | 45.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Cobalt | 42.9 | | 0.900 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Iron | 8670 | | 203 | 900 | 9 | 12/16/2025 18:03 | WG2650234 |
| Lead | U | | 4.50 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Manganese | 1470 | | 6.30 | 45.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Nickel | 198 | | 4.50 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Selenium | U | | 2.25 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Silver | U | | 0.990 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Thallium | U | | 1.17 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Vanadium | 50.3 | | 4.68 | 45.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Zinc | 66.9 | J | 36.0 | 225 | 9 | 12/16/2025 18:03 | WG2650234 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | C3 | 46.9 | 50.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Benzene | 2.72 | | 0.320 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chloroethane | U | C3 | 2.79 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chloromethane | U | J4 | 1.70 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,4-Dichlorobenzene | 0.570 | J | 0.277 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| trans-1,4-Dichloro-2-butene | U | C3 | 1.86 | 2.50 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dichloroethane | 0.582 | J | 0.395 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| trans-1,2-Dichloroethene | 0.507 | J | 0.348 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Toluene | 0.881 | J | 0.274 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 16:12 | WG2649262 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Xylenes, Total | 14.1 | | 0.319 | 3.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| *(S) Toluene-d8* | *96.5* | | | *80.0-120* | | *11/29/2025 16:12* | WG2649262 |
| *(S) 4-Bromofluorobenzene* | *99.7* | | | *77.0-126* | | *11/29/2025 16:12* | WG2649262 |
| *(S) 1,2-Dichloroethane-d4* | *88.5* | | | *70.0-130* | | *11/29/2025 16:12* | WG2649262 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 328000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7450 | | 547 | 1000 | 1 | 11/28/2025 19:28 | WG2645921 |
| Sulfate | 19500 | | 637 | 5000 | 1 | 11/28/2025 19:28 | WG2645921 |

## 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) | 1060 | | 495 | 1000 | 1 | 12/01/2025 23:01 | WG2650018 |

## 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 | 12/13/2025 21:04 | WG2646589 |
| Arsenic | 0.405 | J | 0.120 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Barium | 144 | | 0.500 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Copper | 0.928 | B J | 0.700 | 5.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Iron | 2600 | | 22.6 | 100 | 1 | 12/13/2025 21:04 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Manganese | 825 | | 0.700 | 5.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Zinc | 11.5 | J | 4.00 | 25.0 | 1 | 12/13/2025 21:04 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | C3 | 46.9 | 50.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chloroethane | U | C3 | 2.79 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chloromethane | U | J4 | 1.70 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| trans-1,4-Dichloro-2-butene | U | C3 | 1.86 | 2.50 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1-Dichloroethane | 1.61 | | 0.389 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| cis-1,2-Dichloroethene | 0.475 | J | 0.323 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 16:34 | WG2649262 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| *(S) Toluene-d8* | *97.5* | | | *80.0-120* | | *11/29/2025 16:34* | WG2649262 |
| *(S) 4-Bromofluorobenzene* | *98.3* | | | *77.0-126* | | *11/29/2025 16:34* | WG2649262 |
| *(S) 1,2-Dichloroethane-d4* | *90.4* | | | *70.0-130* | | *11/29/2025 16:34* | WG2649262 |

## 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 | 11/26/2025 09:00 | WG2647003 |

## 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 | 11/28/2025 20:22 | WG2645921 |
| Sulfate | U | | 637 | 5000 | 1 | 11/28/2025 20:22 | WG2645921 |

## 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 | 12/02/2025 00:07 | WG2650018 |

## 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 | 12/13/2025 21:07 | WG2646589 |
| Arsenic | U | | 0.120 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Barium | 0.531 | J | 0.500 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Copper | 0.931 | B J | 0.700 | 5.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Cobalt | 0.104 | J | 0.100 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Iron | 32.3 | J | 22.6 | 100 | 1 | 12/13/2025 21:07 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Manganese | U | | 0.700 | 5.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Zinc | 11.7 | J | 4.00 | 25.0 | 1 | 12/13/2025 21:07 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 14:07 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* | | *11/29/2025 14:07* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *93.8* | | | *77.0-126* | | *11/29/2025 14:07* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *105* | | | *70.0-130* | | *11/29/2025 14:07* | WG2648504 |

## Method Blank (MB)

(MB) R4307219-1 11/24/25 08:00

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

## L1920080-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1920080-05 11/24/25 08:00 • (DUP) R4307219-3 11/24/25 08:00

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 1290000 | 1310000 | 1 | 1.92 | | 10 |

## L1921578-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-08 11/24/25 08:00 • (DUP) R4307219-4 11/24/25 08:00

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 224000 | 223000 | 1 | 0.447 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4307219-2 11/24/25 08:00

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8400000 | 95.5 | 90.0-110 | |

## Method Blank (MB)

(MB) R4307804-1 11/26/25 09:00

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

## L1921578-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-01 11/26/25 09:00 • (DUP) R4307804-3 11/26/25 09:00

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 320000 | 387000 | 1 | 19.0 | J3 | 10 |

## L1921613-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1921613-02 11/26/25 09:00 • (DUP) R4307804-4 11/26/25 09:00

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 752000 | 744000 | 1 | 1.07 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4307804-2 11/26/25 09:00

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8340000 | 94.8 | 90.0-110 | |

## Method Blank (MB)

(MB) R4307097-1 11/27/25 00:33

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

## L1921551-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1921551-01 11/27/25 00:54 • (DUP) R4307097-3 11/27/25 01:05

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 1640 | 1620 | 1 | 1.12 | | 15 |
| Sulfate | 20600 | 20800 | 1 | 0.585 | | 15 |

## L1921551-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1921551-02 11/27/25 01:36 • (DUP) R4307097-6 11/27/25 01:47

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 2940 | 2980 | 1 | 1.31 | | 15 |
| Sulfate | 17300 | 17300 | 1 | 0.00289 | | 15 |

## Laboratory Control Sample (LCS)

(LCS) R4307097-2 11/27/25 00:43

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Chloride | 40000 | 38700 | 96.8 | 80.0-120 | |
| Sulfate | 40000 | 39800 | 99.4 | 80.0-120 | |

## L1921551-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921551-01 11/27/25 00:54 • (MS) R4307097-4 11/27/25 01:15 • (MSD) R4307097-5 11/27/25 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 | 1640 | 41000 | 41000 | 98.4 | 98.3 | 1 | 80.0-120 | | | 0.0176 | 15 |
| Sulfate | 40000 | 20600 | 56900 | 56900 | 90.6 | 90.8 | 1 | 80.0-120 | | | 0.0993 | 15 |

## L1921551-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1921551-02 11/27/25 01:36 • (MS) R4307097-7 11/27/25 01:58

| Analyte | Spike Amount ug/l | Original Result ug/l | MS Result ug/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 2940 | 41600 | 96.8 | 1 | 80.0-120 | |
| Sulfate | 40000 | 17300 | 53700 | 90.9 | 1 | 80.0-120 | |

## Method Blank (MB)

(MB) R4307543-1 11/28/25 17:50

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

## L1921578-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-17 11/28/25 19:28 • (DUP) R4307543-3 11/28/25 19:39

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 7450 | 7440 | 1 | 0.0497 | | 15 |
| Sulfate | 19500 | 19600 | 1 | 0.281 | | 15 |

## L1921647-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1921647-01 11/28/25 20:33 • (DUP) R4307543-5 11/28/25 20:43

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 108000 | 108000 | 1 | 0.0411 | E | 15 |
| Sulfate | 24700 | 24600 | 1 | 0.238 | | 15 |

Sample Narrative:

DUP: reporting for QC

## Laboratory Control Sample (LCS)

(LCS) R4307543-2 11/28/25 18:01

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Chloride | 40000 | 36900 | 92.3 | 80.0-120 | |
| Sulfate | 40000 | 38800 | 97.0 | 80.0-120 | |

## L1921578-17 Original Sample (OS) • Matrix Spike (MS)

(OS) L1921578-17 11/28/25 19:28 • (MS) R4307543-4 11/28/25 19:49

| Analyte | Spike Amount ug/l | Original Result ug/l | MS Result ug/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 7450 | 43800 | 90.9 | 1 | 80.0-120 | |
| Sulfate | 40000 | 19500 | 55700 | 90.5 | 1 | 80.0-120 | |

## L1921647-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921647-01 11/28/25 20:33 • (MS) R4307543-6 11/28/25 20:54 • (MSD) R4307543-7 11/28/25 21:05

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 108000 | 125000 | 126000 | 44.6 | 44.9 | 1 | 80.0-120 | E J6 | E J6 | 0.104 | 15 |
| Sulfate | 40000 | 24700 | 60200 | 60100 | 88.9 | 88.5 | 1 | 80.0-120 | | | 0.244 | 15 |

## Method Blank (MB)

(MB) R4308662-7 12/01/25 17:59

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

## L1921551-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1921551-13 12/01/25 20:31 • (DUP) R4308662-4 12/01/25 20:46

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 1020 | 703 | 1 | 36.8 | J P1 | 20 |

## L1921578-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-05 12/01/25 23:23 • (DUP) R4308662-1 12/01/25 23:39

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 914 | 788 | 1 | 14.8 | J | 20 |

## Laboratory Control Sample (LCS)

(LCS) R4308662-8 12/01/25 17:44

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 26800 | 107 | 80.0-120 | |

## L1921551-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921551-12 12/01/25 19:30 • (MS) R4308662-6 12/01/25 19:53 • (MSD) R4308662-5 12/01/25 20:15

| 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 | 880 | 28400 | 28100 | 110 | 109 | 1 | 75.0-125 | | | 1.17 | 20 |

## L1921578-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921578-04 12/01/25 22:25 • (MS) R4308662-3 12/01/25 22:47 • (MSD) R4308662-2 12/01/25 23:08

| 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 | 843 | 27900 | 28300 | 108 | 110 | 1 | 75.0-125 | | | 1.36 | 20 |

## Method Blank (MB)

(MB) R4309081-5 12/01/25 21:17

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

## L1921578-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-18 12/02/25 00:07 • (DUP) R4309081-2 12/02/25 00:24

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | U | U | 1 | 0.000 | | 20 |

## Laboratory Control Sample (LCS)

(LCS) R4309081-6 12/01/25 21:01

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 25300 | 101 | 80.0-120 | |

## L1921578-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921578-17 12/01/25 23:01 • (MS) R4309081-4 12/01/25 23:27 • (MSD) R4309081-3 12/01/25 23:51

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 1060 | 26600 | 26600 | 102 | 102 | 1 | 75.0-125 | | | 0.0702 | 20 |

## Method Blank (MB)

(MB) R4313845-1 12/13/25 20:01

| 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 | 0.894 | J | 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) R4313845-2 12/13/25 20:04

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Antimony | 50.0 | 45.2 | 90.4 | 80.0-120 | |
| Arsenic | 50.0 | 47.7 | 95.3 | 80.0-120 | |
| Barium | 50.0 | 44.7 | 89.5 | 80.0-120 | |
| Beryllium | 50.0 | 45.6 | 91.2 | 80.0-120 | |
| Cadmium | 50.0 | 49.9 | 99.9 | 80.0-120 | |
| Chromium | 50.0 | 48.1 | 96.3 | 80.0-120 | |
| Copper | 50.0 | 50.0 | 100 | 80.0-120 | |
| Cobalt | 50.0 | 47.8 | 95.5 | 80.0-120 | |
| Iron | 1000 | 954 | 95.4 | 80.0-120 | |
| Lead | 50.0 | 48.7 | 97.5 | 80.0-120 | |
| Manganese | 50.0 | 48.4 | 96.9 | 80.0-120 | |
| Nickel | 50.0 | 49.3 | 98.5 | 80.0-120 | |
| Selenium | 50.0 | 46.9 | 93.8 | 80.0-120 | |
| Silver | 50.0 | 44.7 | 89.3 | 80.0-120 | |
| Thallium | 50.0 | 49.3 | 98.7 | 80.0-120 | |
| Vanadium | 50.0 | 47.5 | 95.0 | 80.0-120 | |

## Laboratory Control Sample (LCS)

(LCS) R4313845-2 12/13/25 20:04

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Zinc | 50.0 | 46.0 | 92.0 | 80.0-120 | |

## L1921578-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921578-02 12/13/25 20:07 • (MS) R4313845-4 12/13/25 20:14 • (MSD) R4313845-5 12/13/25 20:17

| 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 | 46.9 | 46.3 | 93.7 | 92.5 | 1 | 75.0-125 | | | 1.27 | 20 |
| Arsenic | 50.0 | 2.51 | 48.3 | 49.7 | 91.5 | 94.4 | 1 | 75.0-125 | | | 2.90 | 20 |
| Barium | 50.0 | 283 | 322 | 317 | 77.5 | 68.1 | 1 | 75.0-125 | | V | 1.48 | 20 |
| Beryllium | 50.0 | U | 44.0 | 44.9 | 88.0 | 89.8 | 1 | 75.0-125 | | | 2.02 | 20 |
| Cadmium | 50.0 | U | 48.9 | 49.4 | 97.9 | 98.9 | 1 | 75.0-125 | | | 1.03 | 20 |
| Chromium | 50.0 | U | 46.8 | 48.0 | 93.6 | 95.9 | 1 | 75.0-125 | | | 2.41 | 20 |
| Copper | 50.0 | 2.27 | 47.7 | 47.6 | 91.0 | 90.7 | 1 | 75.0-125 | | | 0.310 | 20 |
| Cobalt | 50.0 | 0.573 | 45.3 | 46.5 | 89.4 | 91.9 | 1 | 75.0-125 | | | 2.69 | 20 |
| Iron | 1000 | 8590 | 9500 | 9690 | 90.6 | 110 | 1 | 75.0-125 | | | 2.01 | 20 |
| Lead | 50.0 | U | 45.6 | 47.1 | 91.2 | 94.3 | 1 | 75.0-125 | | | 3.29 | 20 |
| Manganese | 50.0 | 313 | 360 | 361 | 95.2 | 95.7 | 1 | 75.0-125 | | | 0.0741 | 20 |
| Nickel | 50.0 | U | 46.5 | 47.6 | 93.0 | 95.1 | 1 | 75.0-125 | | | 2.26 | 20 |
| Selenium | 50.0 | U | 46.1 | 46.8 | 92.2 | 93.6 | 1 | 75.0-125 | | | 1.51 | 20 |
| Silver | 50.0 | U | 44.6 | 44.8 | 89.3 | 89.5 | 1 | 75.0-125 | | | 0.246 | 20 |
| Thallium | 50.0 | U | 46.8 | 47.9 | 93.6 | 95.9 | 1 | 75.0-125 | | | 2.46 | 20 |
| Vanadium | 50.0 | U | 46.5 | 47.9 | 92.9 | 95.7 | 1 | 75.0-125 | | | 3.00 | 20 |
| Zinc | 50.0 | 17.1 | 54.0 | 56.3 | 73.7 | 78.4 | 1 | 75.0-125 | J6 | | 4.24 | 20 |

## Method Blank (MB)

(MB) R4314914-1 12/16/25 14:46

| 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 | 1.17 | J | 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) R4314914-2 12/16/25 14:50

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Antimony | 50.0 | 48.5 | 96.9 | 80.0-120 | |
| Arsenic | 50.0 | 49.0 | 98.0 | 80.0-120 | |
| Barium | 50.0 | 48.0 | 95.9 | 80.0-120 | |
| Beryllium | 50.0 | 45.6 | 91.2 | 80.0-120 | |
| Cadmium | 50.0 | 51.7 | 103 | 80.0-120 | |
| Chromium | 50.0 | 50.2 | 100 | 80.0-120 | |
| Copper | 50.0 | 51.9 | 104 | 80.0-120 | |
| Cobalt | 50.0 | 50.7 | 101 | 80.0-120 | |
| Iron | 1000 | 994 | 99.4 | 80.0-120 | |
| Lead | 50.0 | 49.1 | 98.2 | 80.0-120 | |
| Manganese | 50.0 | 49.7 | 99.3 | 80.0-120 | |
| Nickel | 50.0 | 51.5 | 103 | 80.0-120 | |
| Selenium | 50.0 | 48.2 | 96.4 | 80.0-120 | |
| Silver | 50.0 | 48.0 | 95.9 | 80.0-120 | |
| Thallium | 50.0 | 50.1 | 100 | 80.0-120 | |
| Vanadium | 50.0 | 49.9 | 99.8 | 80.0-120 | |

## Laboratory Control Sample (LCS)

(LCS) R4314914-2 12/16/25 14:50

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Zinc | 50.0 | 50.7 | 101 | 80.0-120 | |

## L1922293-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1922293-02 12/16/25 14:53 • (MS) R4314914-4 12/16/25 14:59 • (MSD) R4314914-5 12/16/25 15:02

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 50.0 | 0.576 | 50.1 | 48.9 | 99.0 | 96.6 | 1 | 75.0-125 | | | 2.46 | 20 |
| Arsenic | 50.0 | U | 49.6 | 49.3 | 99.2 | 98.7 | 1 | 75.0-125 | | | 0.500 | 20 |
| Barium | 50.0 | 0.732 | 49.3 | 48.6 | 97.0 | 95.8 | 1 | 75.0-125 | | | 1.26 | 20 |
| Beryllium | 50.0 | U | 46.6 | 45.1 | 93.2 | 90.2 | 1 | 75.0-125 | | | 3.27 | 20 |
| Cadmium | 50.0 | U | 51.7 | 50.7 | 103 | 101 | 1 | 75.0-125 | | | 1.88 | 20 |
| Chromium | 50.0 | U | 50.9 | 50.8 | 102 | 102 | 1 | 75.0-125 | | | 0.0985 | 20 |
| Copper | 50.0 | 1.42 | 50.6 | 51.4 | 98.4 | 99.9 | 1 | 75.0-125 | | | 1.52 | 20 |
| Cobalt | 50.0 | U | 51.4 | 51.3 | 103 | 103 | 1 | 75.0-125 | | | 0.287 | 20 |
| Iron | 1000 | 47.4 | 1040 | 1060 | 99.7 | 101 | 1 | 75.0-125 | | | 1.57 | 20 |
| Lead | 50.0 | U | 50.1 | 50.9 | 100 | 102 | 1 | 75.0-125 | | | 1.54 | 20 |
| Manganese | 50.0 | 2.32 | 52.6 | 52.5 | 101 | 100 | 1 | 75.0-125 | | | 0.191 | 20 |
| Nickel | 50.0 | U | 51.7 | 51.9 | 103 | 104 | 1 | 75.0-125 | | | 0.317 | 20 |
| Selenium | 50.0 | U | 47.7 | 48.6 | 95.3 | 97.2 | 1 | 75.0-125 | | | 2.01 | 20 |
| Silver | 50.0 | U | 49.2 | 48.4 | 98.3 | 96.9 | 1 | 75.0-125 | | | 1.51 | 20 |
| Thallium | 50.0 | U | 50.2 | 50.8 | 100 | 102 | 1 | 75.0-125 | | | 1.34 | 20 |
| Vanadium | 50.0 | U | 49.9 | 50.1 | 99.8 | 100 | 1 | 75.0-125 | | | 0.391 | 20 |
| Zinc | 50.0 | 15.0 | 64.4 | 63.0 | 98.8 | 96.1 | 1 | 75.0-125 | | | 2.16 | 20 |

## Method Blank (MB)

(MB) R4306739-3 11/25/25 20:59

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4306739-3 11/25/25 20:59

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *106* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *104* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *101* | | | *70.0-130* |

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

(LCS) R4306739-1 11/25/25 19:58 • (LCSD) R4306739-2 11/25/25 20:19

| 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 | 50.0 | 38.9 | 50.5 | 77.8 | 101 | 19.0-160 | J | | 26.0 | 27 |
| Acrylonitrile | 50.0 | 49.6 | 50.7 | 99.2 | 101 | 55.0-149 | | | 2.19 | 20 |
| Benzene | 10.0 | 9.62 | 9.94 | 96.2 | 99.4 | 70.0-123 | | | 3.27 | 20 |
| Bromochloromethane | 10.0 | 10.8 | 10.4 | 108 | 104 | 76.0-122 | | | 3.77 | 20 |
| Bromodichloromethane | 10.0 | 9.07 | 9.52 | 90.7 | 95.2 | 75.0-120 | | | 4.84 | 20 |
| Bromoform | 10.0 | 8.54 | 9.12 | 85.4 | 91.2 | 68.0-132 | | | 6.57 | 20 |
| Bromomethane | 10.0 | 10.6 | 10.9 | 106 | 109 | 10.0-160 | | | 2.79 | 25 |
| Carbon disulfide | 10.0 | 9.29 | 9.61 | 92.9 | 96.1 | 61.0-128 | | | 3.39 | 20 |
| Carbon tetrachloride | 10.0 | 9.30 | 9.57 | 93.0 | 95.7 | 68.0-126 | | | 2.86 | 20 |
| Chlorobenzene | 10.0 | 9.57 | 9.78 | 95.7 | 97.8 | 80.0-121 | | | 2.17 | 20 |
| Chlorodibromomethane | 10.0 | 9.12 | 9.24 | 91.2 | 92.4 | 77.0-125 | | | 1.31 | 20 |
| Chloroethane | 10.0 | 10.8 | 11.0 | 108 | 110 | 47.0-150 | | | 1.83 | 20 |
| Chloroform | 10.0 | 9.49 | 9.65 | 94.9 | 96.5 | 73.0-120 | | | 1.67 | 20 |
| Chloromethane | 10.0 | 8.29 | 8.56 | 82.9 | 85.6 | 41.0-142 | | | 3.20 | 20 |
| Dibromomethane | 10.0 | 9.84 | 10.4 | 98.4 | 104 | 80.0-120 | | | 5.53 | 20 |
| 1,2-Dibromoethane | 10.0 | 9.45 | 9.89 | 94.5 | 98.9 | 80.0-122 | | | 4.55 | 20 |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.94 | 9.08 | 89.4 | 90.8 | 58.0-134 | | | 1.55 | 20 |
| 1,2-Dichlorobenzene | 10.0 | 9.68 | 10.1 | 96.8 | 101 | 79.0-121 | | | 4.25 | 20 |
| 1,4-Dichlorobenzene | 10.0 | 9.50 | 9.82 | 95.0 | 98.2 | 79.0-120 | | | 3.31 | 20 |
| trans-1,4-Dichloro-2-butene | 10.0 | 8.26 | 8.84 | 82.6 | 88.4 | 33.0-144 | | | 6.78 | 20 |
| 1,1-Dichloroethane | 10.0 | 10.1 | 10.5 | 101 | 105 | 70.0-126 | | | 3.88 | 20 |
| 1,2-Dichloroethane | 10.0 | 9.68 | 10.0 | 96.8 | 100 | 70.0-128 | | | 3.25 | 20 |
| 1,1-Dichloroethene | 10.0 | 9.64 | 9.70 | 96.4 | 97.0 | 71.0-124 | | | 0.620 | 20 |

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

(LCS) R4306739-1 11/25/25 19:58 • (LCSD) R4306739-2 11/25/25 20:19

| 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 | 10.0 | 9.59 | 9.57 | 95.9 | 95.7 | 73.0-120 | | | 0.209 | 20 |
| trans-1,2-Dichloroethene | 10.0 | 9.86 | 9.99 | 98.6 | 99.9 | 73.0-120 | | | 1.31 | 20 |
| 1,2-Dichloropropane | 10.0 | 10.7 | 10.3 | 107 | 103 | 77.0-125 | | | 3.81 | 20 |
| cis-1,3-Dichloropropene | 10.0 | 8.92 | 8.95 | 89.2 | 89.5 | 80.0-123 | | | 0.336 | 20 |
| trans-1,3-Dichloropropene | 10.0 | 8.75 | 8.75 | 87.5 | 87.5 | 78.0-124 | | | 0.000 | 20 |
| Ethylbenzene | 10.0 | 9.70 | 9.93 | 97.0 | 99.3 | 79.0-123 | | | 2.34 | 20 |
| 2-Hexanone | 50.0 | 47.5 | 49.1 | 95.0 | 98.2 | 67.0-149 | | | 3.31 | 20 |
| Iodomethane | 50.0 | 52.3 | 52.2 | 105 | 104 | 33.0-147 | | | 0.191 | 26 |
| 2-Butanone (MEK) | 50.0 | 37.3 | 41.4 | 74.6 | 82.8 | 44.0-160 | | | 10.4 | 20 |
| Methylene Chloride | 10.0 | 9.94 | 9.97 | 99.4 | 99.7 | 67.0-120 | | | 0.301 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 50.0 | 48.9 | 49.7 | 97.8 | 99.4 | 68.0-142 | | | 1.62 | 20 |
| Styrene | 10.0 | 9.66 | 9.54 | 96.6 | 95.4 | 73.0-130 | | | 1.25 | 20 |
| 1,1,1,2-Tetrachloroethane | 10.0 | 8.32 | 8.92 | 83.2 | 89.2 | 75.0-125 | | | 6.96 | 20 |
| 1,1,2,2-Tetrachloroethane | 10.0 | 8.23 | 8.23 | 82.3 | 82.3 | 65.0-130 | | | 0.000 | 20 |
| Tetrachloroethene | 10.0 | 9.04 | 8.99 | 90.4 | 89.9 | 72.0-132 | | | 0.555 | 20 |
| Toluene | 10.0 | 9.23 | 9.29 | 92.3 | 92.9 | 79.0-120 | | | 0.648 | 20 |
| 1,1,1-Trichloroethane | 10.0 | 9.68 | 9.90 | 96.8 | 99.0 | 73.0-124 | | | 2.25 | 20 |
| 1,1,2-Trichloroethane | 10.0 | 8.93 | 9.13 | 89.3 | 91.3 | 80.0-120 | | | 2.21 | 20 |
| Trichloroethene | 10.0 | 10.2 | 10.4 | 102 | 104 | 78.0-124 | | | 1.94 | 20 |
| Trichlorofluoromethane | 10.0 | 11.8 | 10.4 | 118 | 104 | 59.0-147 | | | 12.6 | 20 |
| 1,2,3-Trichloropropane | 10.0 | 10.5 | 10.4 | 105 | 104 | 73.0-130 | | | 0.957 | 20 |
| Vinyl acetate | 50.0 | 27.0 | 26.8 | 54.0 | 53.6 | 11.0-160 | | | 0.744 | 20 |
| Vinyl chloride | 10.0 | 11.3 | 11.4 | 113 | 114 | 67.0-131 | | | 0.881 | 20 |
| Xylenes, Total | 30.0 | 29.1 | 29.8 | 97.0 | 99.3 | 79.0-123 | | | 2.38 | 20 |
| *(S) Toluene-d8* | | | | *99.1* | *98.3* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *101* | *98.3* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *103* | *107* | *70.0-130* | | | | |

## Method Blank (MB)

(MB) R4307162-3 11/26/25 07:24

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4307162-3 11/26/25 07:24

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *108* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *90.1* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *104* | | | *70.0-130* |

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

(LCS) R4307162-1 11/26/25 05:39 • (LCSD) R4307162-2 11/26/25 06:00

| 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 | 50.0 | 40.4 | 65.8 | 80.8 | 132 | 19.0-160 | J | J3 | 47.8 | 27 |
| Acrylonitrile | 50.0 | 51.2 | 51.9 | 102 | 104 | 55.0-149 | | | 1.36 | 20 |
| Benzene | 10.0 | 8.84 | 9.09 | 88.4 | 90.9 | 70.0-123 | | | 2.79 | 20 |
| Bromochloromethane | 10.0 | 8.91 | 9.49 | 89.1 | 94.9 | 76.0-122 | | | 6.30 | 20 |
| Bromodichloromethane | 10.0 | 8.99 | 8.91 | 89.9 | 89.1 | 75.0-120 | | | 0.894 | 20 |
| Bromoform | 10.0 | 8.47 | 8.98 | 84.7 | 89.8 | 68.0-132 | | | 5.85 | 20 |
| Bromomethane | 10.0 | 6.38 | 6.78 | 63.8 | 67.8 | 10.0-160 | | | 6.08 | 25 |
| Carbon disulfide | 10.0 | 8.35 | 8.52 | 83.5 | 85.2 | 61.0-128 | | | 2.02 | 20 |
| Carbon tetrachloride | 10.0 | 8.74 | 8.78 | 87.4 | 87.8 | 68.0-126 | | | 0.457 | 20 |
| Chlorobenzene | 10.0 | 10.3 | 10.6 | 103 | 106 | 80.0-121 | | | 2.87 | 20 |
| Chlorodibromomethane | 10.0 | 9.23 | 9.58 | 92.3 | 95.8 | 77.0-125 | | | 3.72 | 20 |
| Chloroethane | 10.0 | 10.4 | 10.3 | 104 | 103 | 47.0-150 | | | 0.966 | 20 |
| Chloroform | 10.0 | 8.70 | 8.95 | 87.0 | 89.5 | 73.0-120 | | | 2.83 | 20 |
| Chloromethane | 10.0 | 10.5 | 10.4 | 105 | 104 | 41.0-142 | | | 0.957 | 20 |
| Dibromomethane | 10.0 | 8.86 | 9.26 | 88.6 | 92.6 | 80.0-120 | | | 4.42 | 20 |
| 1,2-Dibromoethane | 10.0 | 9.83 | 10.1 | 98.3 | 101 | 80.0-122 | | | 2.71 | 20 |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.11 | 8.62 | 81.1 | 86.2 | 58.0-134 | | | 6.10 | 20 |
| 1,2-Dichlorobenzene | 10.0 | 10.3 | 10.7 | 103 | 107 | 79.0-121 | | | 3.81 | 20 |
| 1,4-Dichlorobenzene | 10.0 | 10.4 | 10.9 | 104 | 109 | 79.0-120 | | | 4.69 | 20 |
| trans-1,4-Dichloro-2-butene | 10.0 | 10.7 | 11.2 | 107 | 112 | 33.0-144 | | | 4.57 | 20 |
| 1,1-Dichloroethane | 10.0 | 9.61 | 9.80 | 96.1 | 98.0 | 70.0-126 | | | 1.96 | 20 |
| 1,2-Dichloroethane | 10.0 | 9.40 | 9.79 | 94.0 | 97.9 | 70.0-128 | | | 4.06 | 20 |
| 1,1-Dichloroethene | 10.0 | 8.25 | 8.05 | 82.5 | 80.5 | 71.0-124 | | | 2.45 | 20 |

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

(LCS) R4307162-1 11/26/25 05:39 • (LCSD) R4307162-2 11/26/25 06:00

| 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 | 10.0 | 8.64 | 8.34 | 86.4 | 83.4 | 73.0-120 | | | 3.53 | 20 |
| trans-1,2-Dichloroethene | 10.0 | 8.90 | 8.94 | 89.0 | 89.4 | 73.0-120 | | | 0.448 | 20 |
| 1,2-Dichloropropane | 10.0 | 9.71 | 10.2 | 97.1 | 102 | 77.0-125 | | | 4.92 | 20 |
| cis-1,3-Dichloropropene | 10.0 | 8.55 | 8.60 | 85.5 | 86.0 | 80.0-123 | | | 0.583 | 20 |
| trans-1,3-Dichloropropene | 10.0 | 9.62 | 10.1 | 96.2 | 101 | 78.0-124 | | | 4.87 | 20 |
| Ethylbenzene | 10.0 | 10.1 | 10.7 | 101 | 107 | 79.0-123 | | | 5.77 | 20 |
| 2-Hexanone | 50.0 | 50.5 | 60.2 | 101 | 120 | 67.0-149 | | | 17.5 | 20 |
| Iodomethane | 50.0 | 31.4 | 40.0 | 62.8 | 80.0 | 33.0-147 | | | 24.1 | 26 |
| 2-Butanone (MEK) | 50.0 | 46.9 | 58.5 | 93.8 | 117 | 44.0-160 | | J3 | 22.0 | 20 |
| Methylene Chloride | 10.0 | 8.73 | 9.09 | 87.3 | 90.9 | 67.0-120 | | | 4.04 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 50.0 | 59.8 | 63.0 | 120 | 126 | 68.0-142 | | | 5.21 | 20 |
| Styrene | 10.0 | 9.47 | 10.1 | 94.7 | 101 | 73.0-130 | | | 6.44 | 20 |
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.14 | 9.60 | 91.4 | 96.0 | 75.0-125 | | | 4.91 | 20 |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.4 | 11.1 | 104 | 111 | 65.0-130 | | | 6.51 | 20 |
| Tetrachloroethene | 10.0 | 10.4 | 10.5 | 104 | 105 | 72.0-132 | | | 0.957 | 20 |
| Toluene | 10.0 | 9.97 | 10.3 | 99.7 | 103 | 79.0-120 | | | 3.26 | 20 |
| 1,1,1-Trichloroethane | 10.0 | 8.93 | 8.97 | 89.3 | 89.7 | 73.0-124 | | | 0.447 | 20 |
| 1,1,2-Trichloroethane | 10.0 | 10.2 | 10.4 | 102 | 104 | 80.0-120 | | | 1.94 | 20 |
| Trichloroethene | 10.0 | 9.20 | 9.19 | 92.0 | 91.9 | 78.0-124 | | | 0.109 | 20 |
| Trichlorofluoromethane | 10.0 | 9.25 | 9.05 | 92.5 | 90.5 | 59.0-147 | | | 2.19 | 20 |
| 1,2,3-Trichloropropane | 10.0 | 11.2 | 11.2 | 112 | 112 | 73.0-130 | | | 0.000 | 20 |
| Vinyl acetate | 50.0 | 41.9 | 49.1 | 83.8 | 98.2 | 11.0-160 | | | 15.8 | 20 |
| Vinyl chloride | 10.0 | 11.2 | 10.5 | 112 | 105 | 67.0-131 | | | 6.45 | 20 |
| Xylenes, Total | 30.0 | 29.8 | 30.6 | 99.3 | 102 | 79.0-123 | | | 2.65 | 20 |
| *(S) Toluene-d8* | | | | *107* | *108* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *91.3* | *94.3* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *100* | *101* | *70.0-130* | | | | |

## Method Blank (MB)

(MB) R4308049-3 11/29/25 07:14

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4308049-3 11/29/25 07:14

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *95.2* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* |

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

(LCS) R4308049-1 11/29/25 05:54 • (LCSD) R4308049-2 11/29/25 06:14

| 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 | 50.0 | 58.5 | 64.9 | 117 | 130 | 19.0-160 | | | 10.4 | 27 |
| Acrylonitrile | 50.0 | 50.8 | 51.7 | 102 | 103 | 55.0-149 | | | 1.76 | 20 |
| Benzene | 10.0 | 8.92 | 9.71 | 89.2 | 97.1 | 70.0-123 | | | 8.48 | 20 |
| Bromochloromethane | 10.0 | 8.98 | 9.95 | 89.8 | 99.5 | 76.0-122 | | | 10.2 | 20 |
| Bromodichloromethane | 10.0 | 9.07 | 9.63 | 90.7 | 96.3 | 75.0-120 | | | 5.99 | 20 |
| Bromoform | 10.0 | 8.00 | 8.36 | 80.0 | 83.6 | 68.0-132 | | | 4.40 | 20 |
| Bromomethane | 10.0 | 14.3 | 15.3 | 143 | 153 | 10.0-160 | | | 6.76 | 25 |
| Carbon disulfide | 10.0 | 9.02 | 11.8 | 90.2 | 118 | 61.0-128 | | J3 | 26.7 | 20 |
| Carbon tetrachloride | 10.0 | 10.2 | 10.8 | 102 | 108 | 68.0-126 | | | 5.71 | 20 |
| Chlorobenzene | 10.0 | 8.74 | 9.48 | 87.4 | 94.8 | 80.0-121 | | | 8.12 | 20 |
| Chlorodibromomethane | 10.0 | 8.88 | 9.42 | 88.8 | 94.2 | 77.0-125 | | | 5.90 | 20 |
| Chloroethane | 10.0 | 11.4 | 11.6 | 114 | 116 | 47.0-150 | | | 1.74 | 20 |
| Chloroform | 10.0 | 9.34 | 9.74 | 93.4 | 97.4 | 73.0-120 | | | 4.19 | 20 |
| Chloromethane | 10.0 | 10.3 | 11.2 | 103 | 112 | 41.0-142 | | | 8.37 | 20 |
| Dibromomethane | 10.0 | 10.0 | 10.4 | 100 | 104 | 80.0-120 | | | 3.92 | 20 |
| 1,2-Dibromoethane | 10.0 | 9.41 | 9.81 | 94.1 | 98.1 | 80.0-122 | | | 4.16 | 20 |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 7.21 | 7.60 | 72.1 | 76.0 | 58.0-134 | | | 5.27 | 20 |
| 1,2-Dichlorobenzene | 10.0 | 9.61 | 9.93 | 96.1 | 99.3 | 79.0-121 | | | 3.28 | 20 |
| 1,4-Dichlorobenzene | 10.0 | 8.84 | 9.61 | 88.4 | 96.1 | 79.0-120 | | | 8.35 | 20 |
| trans-1,4-Dichloro-2-butene | 10.0 | 13.5 | 10.5 | 135 | 105 | 33.0-144 | | J3 | 25.0 | 20 |
| 1,1-Dichloroethane | 10.0 | 9.48 | 9.80 | 94.8 | 98.0 | 70.0-126 | | | 3.32 | 20 |
| 1,2-Dichloroethane | 10.0 | 9.90 | 10.5 | 99.0 | 105 | 70.0-128 | | | 5.88 | 20 |
| 1,1-Dichloroethene | 10.0 | 9.87 | 12.5 | 98.7 | 125 | 71.0-124 | | J3 J4 | 23.5 | 20 |

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

(LCS) R4308049-1 11/29/25 05:54 • (LCSD) R4308049-2 11/29/25 06:14

| 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 | 10.0 | 8.98 | 9.42 | 89.8 | 94.2 | 73.0-120 | | | 4.78 | 20 |
| trans-1,2-Dichloroethene | 10.0 | 9.22 | 10.0 | 92.2 | 100 | 73.0-120 | | | 8.12 | 20 |
| 1,2-Dichloropropane | 10.0 | 9.77 | 10.3 | 97.7 | 103 | 77.0-125 | | | 5.28 | 20 |
| cis-1,3-Dichloropropene | 10.0 | 9.24 | 9.92 | 92.4 | 99.2 | 80.0-123 | | | 7.10 | 20 |
| trans-1,3-Dichloropropene | 10.0 | 9.65 | 10.1 | 96.5 | 101 | 78.0-124 | | | 4.56 | 20 |
| Ethylbenzene | 10.0 | 8.96 | 9.38 | 89.6 | 93.8 | 79.0-123 | | | 4.58 | 20 |
| 2-Hexanone | 50.0 | 48.7 | 52.2 | 97.4 | 104 | 67.0-149 | | | 6.94 | 20 |
| Iodomethane | 50.0 | 55.8 | 64.9 | 112 | 130 | 33.0-147 | | | 15.1 | 26 |
| 2-Butanone (MEK) | 50.0 | 51.9 | 56.6 | 104 | 113 | 44.0-160 | | | 8.66 | 20 |
| Methylene Chloride | 10.0 | 8.96 | 9.57 | 89.6 | 95.7 | 67.0-120 | | | 6.58 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 50.0 | 50.5 | 52.3 | 101 | 105 | 68.0-142 | | | 3.50 | 20 |
| Styrene | 10.0 | 8.33 | 9.07 | 83.3 | 90.7 | 73.0-130 | | | 8.51 | 20 |
| 1,1,1,2-Tetrachloroethane | 10.0 | 8.68 | 9.25 | 86.8 | 92.5 | 75.0-125 | | | 6.36 | 20 |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.67 | 9.94 | 96.7 | 99.4 | 65.0-130 | | | 2.75 | 20 |
| Tetrachloroethene | 10.0 | 8.79 | 9.08 | 87.9 | 90.8 | 72.0-132 | | | 3.25 | 20 |
| Toluene | 10.0 | 9.10 | 9.58 | 91.0 | 95.8 | 79.0-120 | | | 5.14 | 20 |
| 1,1,1-Trichloroethane | 10.0 | 9.84 | 10.5 | 98.4 | 105 | 73.0-124 | | | 6.49 | 20 |
| 1,1,2-Trichloroethane | 10.0 | 9.75 | 10.2 | 97.5 | 102 | 80.0-120 | | | 4.51 | 20 |
| Trichloroethene | 10.0 | 9.40 | 10.0 | 94.0 | 100 | 78.0-124 | | | 6.19 | 20 |
| Trichlorofluoromethane | 10.0 | 9.90 | 12.3 | 99.0 | 123 | 59.0-147 | | J3 | 21.6 | 20 |
| 1,2,3-Trichloropropane | 10.0 | 9.73 | 9.94 | 97.3 | 99.4 | 73.0-130 | | | 2.14 | 20 |
| Vinyl acetate | 50.0 | 34.5 | 34.4 | 69.0 | 68.8 | 11.0-160 | | | 0.290 | 20 |
| Vinyl chloride | 10.0 | 11.2 | 12.5 | 112 | 125 | 67.0-131 | | | 11.0 | 20 |
| Xylenes, Total | 30.0 | 26.5 | 28.3 | 88.3 | 94.3 | 79.0-123 | | | 6.57 | 20 |
| *(S) Toluene-d8* | | | | *100* | *98.7* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *96.9* | *94.9* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *108* | *109* | *70.0-130* | | | | |

## Method Blank (MB)

(MB) R4307867-4 11/28/25 10:35

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Tetrachloroethene | U | | 0.358 | 1.00 |
| *(S) Toluene-d8* | *97.4* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *97.4* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *103* | | | *70.0-130* |

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

(LCS) R4307867-1 11/28/25 08:53 • (LCSD) R4307867-2 11/28/25 09:13

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 10.0 | 9.87 | 10.1 | 98.7 | 101 | 72.0-132 | | | 2.30 | 20 |
| *(S) Toluene-d8* | | | | *95.4* | *97.5* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *98.1* | *101* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *103* | *103* | *70.0-130* | | | | |

## Method Blank (MB)

(MB) R4308518-2 11/29/25 11:46

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4308518-2 11/29/25 11:46

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *98.3* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *98.3* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *90.9* | | | *70.0-130* |

## Laboratory Control Sample (LCS)

(LCS) R4308518-1 11/29/25 11:04

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Acetone | 50.0 | 36.8 | 73.6 | 19.0-160 | J |
| Acrylonitrile | 50.0 | 54.5 | 109 | 55.0-149 | |
| Benzene | 10.0 | 11.1 | 111 | 70.0-123 | |
| Bromochloromethane | 10.0 | 11.0 | 110 | 76.0-122 | |
| Bromodichloromethane | 10.0 | 10.7 | 107 | 75.0-120 | |
| Bromoform | 10.0 | 9.63 | 96.3 | 68.0-132 | |
| Bromomethane | 10.0 | 3.27 | 32.7 | 10.0-160 | J |
| Carbon disulfide | 10.0 | 10.7 | 107 | 61.0-128 | |
| Carbon tetrachloride | 10.0 | 10.3 | 103 | 68.0-126 | |
| Chlorobenzene | 10.0 | 9.50 | 95.0 | 80.0-121 | |
| Chlorodibromomethane | 10.0 | 9.98 | 99.8 | 77.0-125 | |
| Chloroethane | 10.0 | 6.06 | 60.6 | 47.0-150 | |
| Chloroform | 10.0 | 10.6 | 106 | 73.0-120 | |
| Chloromethane | 10.0 | 14.5 | 145 | 41.0-142 | J4 |
| Dibromomethane | 10.0 | 11.1 | 111 | 80.0-120 | |
| 1,2-Dibromoethane | 10.0 | 9.58 | 95.8 | 80.0-122 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 10.4 | 104 | 58.0-134 | |
| 1,2-Dichlorobenzene | 10.0 | 9.38 | 93.8 | 79.0-121 | |
| 1,4-Dichlorobenzene | 10.0 | 9.39 | 93.9 | 79.0-120 | |
| trans-1,4-Dichloro-2-butene | 10.0 | 4.11 | 41.1 | 33.0-144 | |
| 1,1-Dichloroethane | 10.0 | 10.9 | 109 | 70.0-126 | |
| 1,2-Dichloroethane | 10.0 | 9.70 | 97.0 | 70.0-128 | |
| 1,1-Dichloroethene | 10.0 | 11.0 | 110 | 71.0-124 | |

## Laboratory Control Sample (LCS)

(LCS) R4308518-1 11/29/25 11:04

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 10.0 | 10.3 | 103 | 73.0-120 | |
| trans-1,2-Dichloroethene | 10.0 | 11.0 | 110 | 73.0-120 | |
| 1,2-Dichloropropane | 10.0 | 11.4 | 114 | 77.0-125 | |
| cis-1,3-Dichloropropene | 10.0 | 11.3 | 113 | 80.0-123 | |
| trans-1,3-Dichloropropene | 10.0 | 9.92 | 99.2 | 78.0-124 | |
| Ethylbenzene | 10.0 | 9.03 | 90.3 | 79.0-123 | |
| 2-Hexanone | 50.0 | 46.0 | 92.0 | 67.0-149 | |
| Iodomethane | 50.0 | 68.4 | 137 | 33.0-147 | |
| 2-Butanone (MEK) | 50.0 | 42.5 | 85.0 | 44.0-160 | |
| Methylene Chloride | 10.0 | 11.2 | 112 | 67.0-120 | |
| 4-Methyl-2-pentanone (MIBK) | 50.0 | 44.2 | 88.4 | 68.0-142 | |
| Styrene | 10.0 | 9.37 | 93.7 | 73.0-130 | |
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.72 | 97.2 | 75.0-125 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 11.0 | 110 | 65.0-130 | |
| Tetrachloroethene | 10.0 | 8.96 | 89.6 | 72.0-132 | |
| Toluene | 10.0 | 9.78 | 97.8 | 79.0-120 | |
| 1,1,1-Trichloroethane | 10.0 | 10.5 | 105 | 73.0-124 | |
| 1,1,2-Trichloroethane | 10.0 | 9.76 | 97.6 | 80.0-120 | |
| Trichloroethene | 10.0 | 9.81 | 98.1 | 78.0-124 | |
| Trichlorofluoromethane | 10.0 | 10.0 | 100 | 59.0-147 | |
| 1,2,3-Trichloropropane | 10.0 | 10.1 | 101 | 73.0-130 | |
| Vinyl acetate | 50.0 | 69.4 | 139 | 11.0-160 | |
| Vinyl chloride | 10.0 | 8.73 | 87.3 | 67.0-131 | |
| Xylenes, Total | 30.0 | 27.8 | 92.7 | 79.0-123 | |
| *(S) Toluene-d8* | | | *96.3* | *80.0-120* | |
| *(S) 4-Bromofluorobenzene* | | | *99.3* | *77.0-126* | |
| *(S) 1,2-Dichloroethane-d4* | | | *90.8* | *70.0-130* | |

## Method Blank (MB)

(MB) R4308872-4 12/02/25 10:42

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Tetrachloroethene | U | | 0.358 | 1.00 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *99.1* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *101* | | | *70.0-130* |

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

(LCS) R4308872-1 12/02/25 08:58 • (LCSD) R4308872-2 12/02/25 09:19

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 10.0 | 8.28 | 9.20 | 82.8 | 92.0 | 72.0-132 | | | 10.5 | 20 |
| *(S) Toluene-d8* | | | | *93.2* | *101* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *97.2* | *97.6* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *103* | *104* | *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. |
| 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 |
|---|---|
| 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. |
| 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. |

| Qualifier | Description |
|---|---|
| V | The sample concentration is too high to evaluate accurate spike recoveries. |

# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

**Legacy Land**

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

Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Chk

Report to:
Melissa Vaught 210-219-2335

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

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

| 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 | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | Grab | GW | | 11/19/25 | 1000 | 6 | X | X | X | X | X | | -01 |
| MW-14R | | GW | | 11/18/25 | 1245 | 6 | X | X | X | X | X | | -02 |
| MW-16R | | GW | | 11/18/25 | 1440 | 6 | X | X | X | X | X | | -03 |
| MW-17R | | GW | | 11/18/25 | 1420 | 6 | X | X | X | X | X | | -04 |
| MW-19 | | GW | | 11/18/25 | 1530 | 6 | X | X | X | X | X | | -05 |
| MW-20R | | GW | | 11/19/25 | 1550 | 6 | X | X | X | X | X | | -06 |
| MW-21 | | GW | | 11/21/25 | 1100 | 6 | X | X | X | X | X | | -07 |
| MW-22 | | GW | | 11/18/25 | 955 | 6 | X | X | X | X | X | | -08 |
| MW-23 | | GW | | 11/19/25 | 1220 | 6 | X | X | X | X | X | | -09 |
| MW-24 | | GW | | 11/19/25 | 1330 | 6 | X | X | X | X | X | | -10 |

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 # L1921578

T **A068**

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1187617**
PM: **134 - Mark W. Beasley**
PB:

Shipped Via: **FedEX Ground**

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

**Remarks:**

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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) |
|---|---|---|---|
| Michael Clayton | 11/21/25 | 1700 | |
| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) |
| | | | Denyanky |

Trip Blank Received: Yes / No
1 HCl / MeoH TBR

Temp: °C Bottles Received: 108

Date: 11.22.25 Time: 0900

If p... Date/Time

Hold:

Condition: NCF / OK

PH – 10BDH07251
TRC – 5090A93

**Legacy Land**

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

Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Chk

Report to:
**Melissa Vaught 210-219-2335**

mail 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

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

| 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 | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-25 | Grab | GW | | 11/19/25 | 1445 | 6 | X | X | X | X | X | | -11 |
| MW-26 | | GW | | 11/21/25 | 1310 | 6 | X | X | X | X | X | | -12 |
| MW-27R | | GW | | 11/21/25 | 1155 | 6 | X | X | X | X | X | | -13 |
| LEACHATE BLDG A | | GW | | 11/21/25 | 1400 | 6 | X | X | X | X | X | | -14 |
| LEACHATE BLDG B | | GW | | 11/21/25 | 1430 | 6 | X | X | X | X | X | | -15 |
| LEACHATE BLDG C | | GW | | 11/21/25 | 1500 | 6 | X | X | X | X | X | | -16 |
| MW-20R DUP | | GW | | 11/19/25 | 1555 | 6 | X | X | X | X | X | | -17 |
| EB-1 | | GW | | 11/21/25 | 1340 | 6 | X | X | X | X | X | | -18 |
| | | GW | | | | 6 | X | X | X | X | X | | |
| | | GW | | | | 6 | X | X | X | X | X | | |

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 # L1925?8

Table #

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1187617**
PM: **134 - Mark W. Beasley**
PB:

Shipped Via: **FedEX Ground**

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

**Remarks:**

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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) |
|---|---|---|---|
| | 11/21/25 | 1700 | |
| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) |
| | | | Denyarb |

Trip Blank Received: Yes / No
1
HCL / MeoH
TBR

Temp: °C Bottles Received: 10

Date: 11.22.25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

## Multiple Parcel Form

L# L1921578

| Parcel Tracking Number | Infrared Thermometer ID | Temperature Reading (°C) | Correction Factor (°C) | Corrected Temperature (°C) | Custody Seal Intact |
|---|---|---|---|---|---|
| 471827725240 | TIA1 | 1.2 | 0 | 1.2 | (Yes) / No / Not Present |
| 471827725230 | TIA1 | 1.5 | 0 | 1.5 | (Yes) / No / Not Present |
| 471827722949 | TIA1 | 0.5 | 0 | 0.5 | (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 |

Dengarly
Name

11.22.25
Date

# ANALYTICAL REPORT

January 05, 2026



## Legacy Landfill

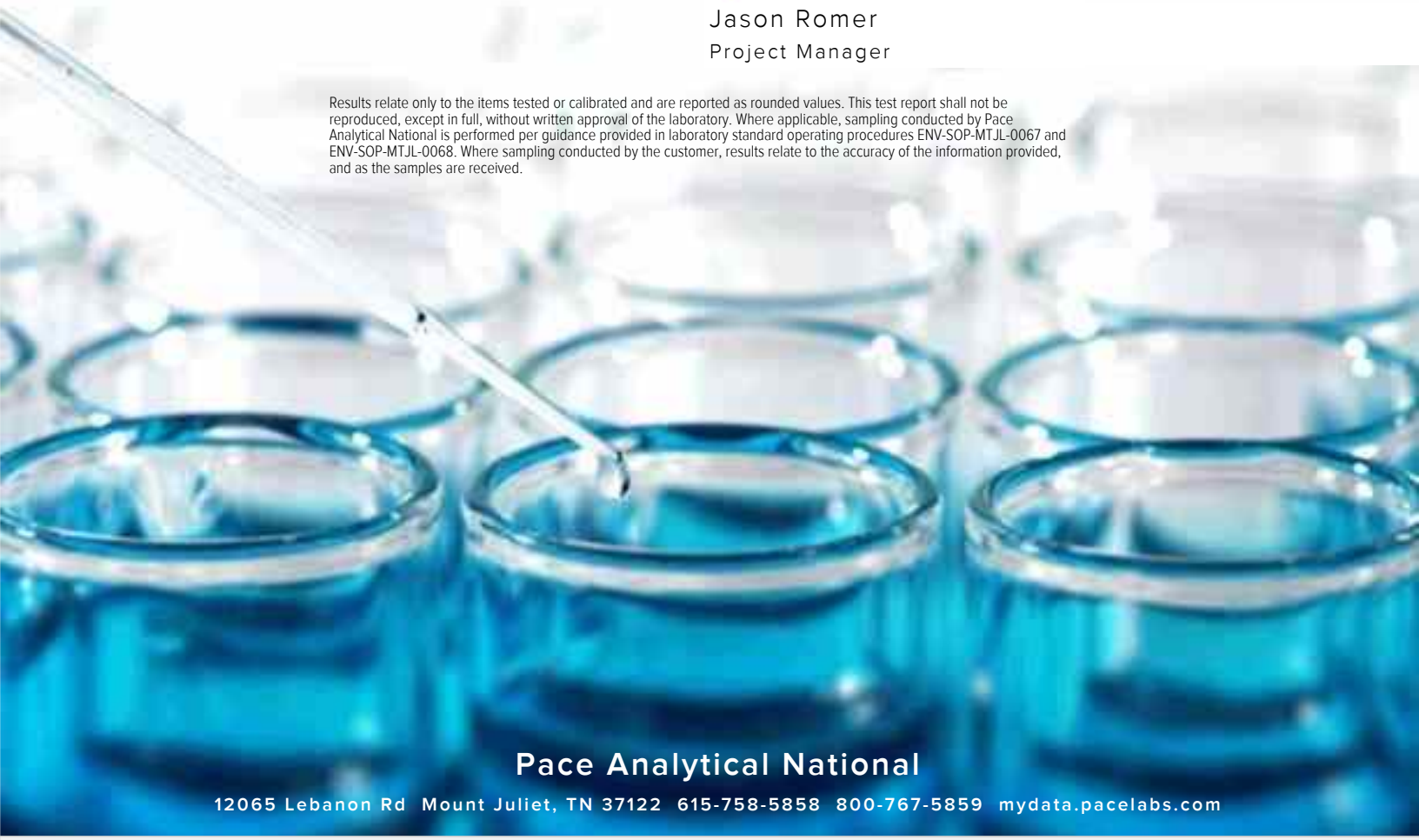
| | |
|---|---|
| Sample Delivery Group: | L1929254 |
| Samples Received: | 11/22/2025 |
| Project Number: | A25-01259 |
| Description: | Craighead County - Legacy Landfill |

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

Entire Report Reviewed By:

Jason Romer
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.



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# SAMPLE SUMMARY

## MW-9R2 L1929254-01

Collected by: Michael Clayton
Collected date/time: 11/19/25 10:00
Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2661902 | 5 | 12/22/25 17:29 | 01/05/26 13:22 | JDB | Mt. Juliet, TN |

## MW-17R L1929254-02

Collected by: Michael Clayton
Collected date/time: 11/18/25 14:20
Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2661902 | 1 | 12/22/25 17:29 | 01/04/26 15:58 | LD | Mt. Juliet, TN |

## MW-22 L1929254-03

Collected by: Michael Clayton
Collected date/time: 11/18/25 09:55
Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2661902 | 1 | 12/22/25 17:29 | 01/05/26 13:25 | 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.



Jason Romer
Project Manager

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Manganese | 849 | | 3.50 | 25.0 | 5 | 01/05/2026 13:22 | WG2661902 |

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

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Barium | 149 | | 0.500 | 2.00 | 1 | 01/04/2026 15:58 | WG2661902 |
| Copper | U | | 0.700 | 5.00 | 1 | 01/04/2026 15:58 | WG2661902 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Arsenic | 4.30 | | 0.120 | 2.00 | 1 | 01/05/2026 13:25 | WG2661902 |
| Manganese | 293 | | 0.700 | 5.00 | 1 | 01/05/2026 13:25 | WG2661902 |

## Method Blank (MB)

(MB) R4321512-1 01/04/26 15:22

| 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 |
| Copper | U | | 0.700 | 5.00 |
| Manganese | U | | 0.700 | 5.00 |

## Laboratory Control Sample (LCS)

(LCS) R4321512-2 01/04/26 15:26

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Arsenic | 50.0 | 44.8 | 89.5 | 80.0-120 | |
| Barium | 50.0 | 44.3 | 88.6 | 80.0-120 | |
| Copper | 50.0 | 49.0 | 98.0 | 80.0-120 | |
| Manganese | 50.0 | 46.3 | 92.7 | 80.0-120 | |

## L1929390-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1929390-03 01/04/26 15:35 • (MS) R4321512-4 01/04/26 15:42 • (MSD) R4321512-5 01/04/26 15:45

| 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 | U | 48.4 | 48.3 | 96.7 | 96.6 | 1 | 75.0-125 | | | 0.103 | 20 |
| Barium | 50.0 | U | 47.5 | 46.5 | 94.9 | 93.0 | 1 | 75.0-125 | | | 2.02 | 20 |
| Copper | 50.0 | U | 53.1 | 49.7 | 106 | 99.3 | 1 | 75.0-125 | | | 6.74 | 20 |
| Manganese | 50.0 | U | 50.4 | 50.5 | 101 | 101 | 1 | 75.0-125 | | | 0.170 | 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. |
| 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 |
|---|---|

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Page 2 of 3

**Legacy Land**

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

Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Chk

Report to:
**Melissa Vaught 210-219-2335**

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

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

| 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 | | | | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | Grab | GW | | 11/19/25 | 1000 | 6 | X | X | X | X | X | | | | | -01 |
| MW-14R | | GW | | 11/18/25 | 1245 | 6 | X | X | X | X | X | | | | | -02 |
| MW-16R | | GW | | 11/18/25 | 1440 | 6 | X | X | X | X | X | | | | | -03 |
| MW-17R | | GW | | 11/18/25 | 1420 | 6 | X | X | X | X | X | | | | | -04 |
| MW-19 | | GW | | 11/18/25 | 1530 | 6 | X | X | X | X | X | | | | | -05 |
| MW-20R | | GW | | 11/19/25 | 1550 | 6 | X | X | X | X | X | | | | | -06 |
| MW-21 | | GW | | 11/21/25 | 1106 | 6 | X | X | X | X | X | | | | | -07 |
| MW-22 | | GW | | 11/18/25 | 955 | 6 | X | X | X | X | X | | | | | -08 |
| MW-23 | | GW | | 11/19/25 | 1220 | 6 | X | X | X | X | X | | | | | -09 |
| MW-24 | | GW | | 11/19/25 | 1330 | 6 | X | X | X | X | X | | | | | -10 |

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

**Remarks:**

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by : (Signature) — Date: 11/21/25 — Time: 1700
Relinquished by : (Signature) — Date: — Time:
Relinquished by : (Signature) — Date: — Time:

Received by: (Signature)
Received by: (Signature)
Received for lab by: (Signature) Dengarby — Date: 11.22.25 — Time: 0900

Trip Blank Received: (Yes) / No
(HCL) / MeoH
TBR
2

Temp: °C Bottles Received: 108

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

PH – 10BDH07251
TRC – 50904G3

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 # L1921578
A068 L1929254
Acctnum: **LEGLDFJAR**
Template:**T106244**
Prelogin: **P1187617**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEX Ground**

N 12/18/25

## L1921578 *FTNLRAR* relog

R2/R3/R4/RX/EX

Relog the following as EX due 12/26:

L1921578-01 MNG

L1921578-04 BAG & CUG

L1921578-08 ASG & MNG

- ○ *

**From:** Melissa Vaught <mvaught@olsson.com>

**Sent:** Thursday, December 18, 2025 3:01 PM

**To:** Mark Beasley <Mark.Beasley@pacelabs.com>

**Cc:** Andrew Pruitt <apruitt@olsson.com>

**Subject:** RE: Pace Analytical National Level II Report for A25-01259 Craighead County - Legacy Landfill L1921578

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Mark – Good afternoon. Could you have the following double-checked and if confirmed, have the samples reanalyzed, if within hold?

MW-22: arsenic and manganese

MW-17R: barium and copper

MW-9R2: manganese

Questions, please let me know.

Thank you,

**Melissa Vaught, P.E.**

Senior Engineer / Environmental

**C** 210.219.2335

3537 N. Steele Blvd, Suite 310

Fayetteville, AR 72703

**O** 479.443.3404

--- Email body truncated due to large size. Full email body added as attachment. ---

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

**Members**

MB Mark Beasley (responsible)

# SECOND HALF 2025 VERIFICATION SAMPLING EVENT JANUARY 2026

# ANALYTICAL REPORT

February 04, 2026



## Legacy Landfill

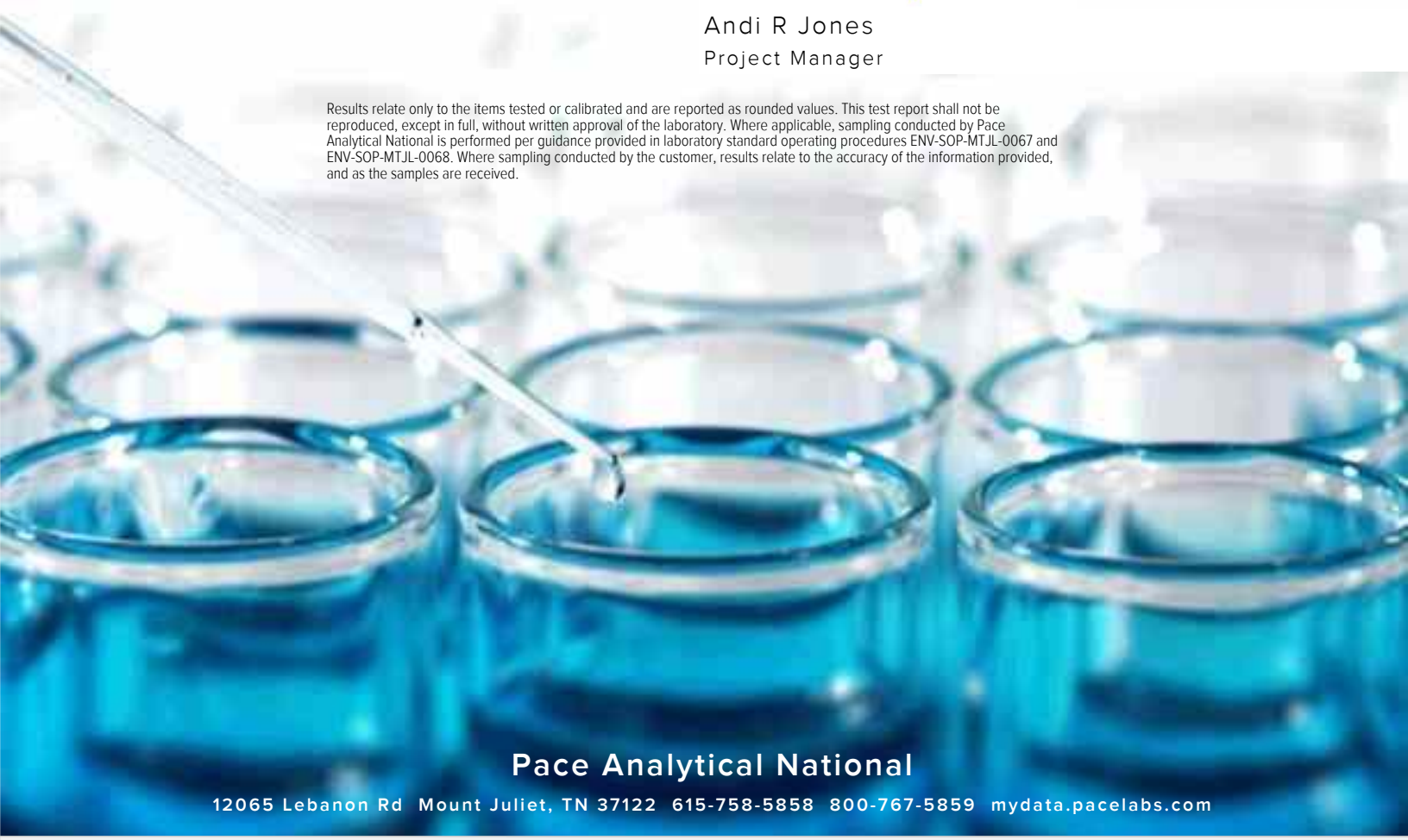
| | |
|---|---|
| Sample Delivery Group: | L1939491 |
| Samples Received: | 01/30/2026 |
| Project Number: | A24-01259 |
| Description: | Craighead County - Legacy Landfill |

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

Entire Report Reviewed By:

Andi R Jones
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.



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Al: Accreditations & Locations 10

Sc: Sample Chain of Custody 11

# SAMPLE SUMMARY

## MW-9R2 L1939491-01

Collected by: Michael Clayton
Collected date/time: 01/28/26 12:35
Received date/time: 01/30/26 08:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2684746 | 1 | 02/03/26 08:31 | 02/03/26 17:29 | TMT | Mt. Juliet, TN |

## MW-9R2 DUP L1939491-02

Collected by: Michael Clayton
Collected date/time: 01/28/26 12:40
Received date/time: 01/30/26 08:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2684746 | 1 | 02/03/26 08:31 | 02/03/26 17:32 | TMT | Mt. Juliet, TN |

## EB-2 L1939491-03

Collected by: Michael Clayton
Collected date/time: 01/28/26 12:50
Received date/time: 01/30/26 08:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2684746 | 1 | 02/03/26 08:31 | 02/03/26 17:35 | 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.



Andi R Jones
Project Manager

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Manganese | 389 | | 0.700 | 5.00 | 1 | 02/03/2026 17:29 | WG2684746 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Manganese | 393 | | 0.700 | 5.00 | 1 | 02/03/2026 17:32 | WG2684746 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Manganese | U | | 0.700 | 5.00 | 1 | 02/03/2026 17:35 | WG2684746 |

## Method Blank (MB)

(MB) R4331457-1 02/03/26 16:29

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Manganese | U | | 0.700 | 5.00 |

## Laboratory Control Sample (LCS)

(LCS) R4331457-2 02/03/26 16:32

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Manganese | 50.0 | 50.0 | 100 | 80.0-120 | |

## L1939520-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1939520-05 02/03/26 22:53 • (MS) R4331519-2 02/03/26 23:01 • (MSD) R4331519-3 02/03/26 23:04

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manganese | 50.0 | 278 | 318 | 318 | 79.8 | 79.5 | 1 | 75.0-125 | | | 0.0501 | 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. |
| 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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

# 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/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 #
**A24-01259**

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

| Sample ID | Comp/Grab | Matrix * | Depth | Date | Time | No. of Cntrs | Total Mn 6020 250mlHDPE+HNO3 | | | | | | | | | | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | Grab | GW | | 1/28/26 | 1235 | 1 | X | | | | | | | | | | | |
| MW-9R2 DUP | ↓ | GW | | 1/28/26 | 1240 | 1 | X | | | | | | | | | | | |
| EB-2 | | GW | | 1/28/26 | 1250 | 1 | X | | | | | | | | | | | |
| | | GW | | | | 1 | X | | | | | | | | | | | |
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Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

**MT JULIET, TN**

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

SDG # L1939491

**F222**

Acctnum: **LEGLDFJAR**
Template: **T257230**
Prelogin: **P1202339**
PM: **134 - Mark W. Beasley**
PB:

Shipped Via: **FedEX Ground**

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

**Remarks:**

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7921 4164 2841

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 | 1/28/26 | 1340 | | | |
| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) | Temp: °C Bottles Received: CR1832 10:3.2 3 | |
| Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) | Date: 1/30/26 Time: 8:30 | Hold: / Condition: NCF / OK |

# APPENDIX C
# HISTORICAL DATABASE

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-8 | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9 | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 | 0.000777(BJ) | 251 | 2.43 | <0.002 | 0.33 | n/a |
| | 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 | 0.000759(BJ) | 257 | 1.4 | 0.000346(BJ) | 0.299 | n/a |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/19/2025 | n/a | 0.000502(J) | 0.00284 | 0.182 | 0.000357(J) | 0.000426(J) | n/a | 7.8 | <0.002 | 0.000612(J) | n/a | 0.0016(BJ) | 320 | 2.78 | 0.000536(J) | 0.849 | n/a |
| | 1/28/2026 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 0.389 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-14R | 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 |
| (cont.) | 11/18/2025 | n/a | <0.004 | 0.00251 | 0.283 | <0.002 | <0.001 | n/a | 42.1 | <0.002 | 0.000573(J) | n/a | 0.00227(BJ) | 559 | 8.59 | <0.002 | 0.313 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-16R | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/18/2025 | n/a | <0.004 | 0.0011(J) | 0.123 | <0.002 | <0.001 | n/a | 9.57 | 0.000941(J) | <0.002 | n/a | 0.000895(BJ) | 349 | 1.12 | <0.002 | 0.638 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; is an estimate.

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R: value was rejected due to suspected error; not used in statistics.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-17 | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-17R | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/18/2025 | n/a | <0.004 | 0.000892(J) | 0.149 | <0.002 | <0.001 | n/a | 7.87 | <0.002 | 0.000132(J) | n/a | <0.005 | 456 | 2.29 | <0.002 | 0.0414 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| (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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/18/2025 | n/a | <0.004 | 0.00107(J) | 0.177 | <0.002 | <0.001 | n/a | 9.95 | <0.002 | <0.002 | n/a | 0.00129(BJ) | 368 | 1.34 | <0.002 | 0.596 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-20 | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 | 0.000683(BJ) | 339 | 2.45 | <0.002 | 0.522 | n/a |
| | 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 | 0.000554(BJ) | 392 | 3.72 | <0.002 | 0.732 | n/a |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 5/11/2022 | n/a | <0.004 | 0.000553(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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/19/2025 | n/a | <0.004 | 0.000407(J) | 0.145 | <0.002 | <0.001 | n/a | 7.87 | <0.002 | <0.002 | n/a | 0.002(BJ) | 231 | 2.6 | <0.002 | 0.832 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 | 0.000749(BJ) | 372 | 1.78 | 0.00033(BJ) | 0.6 | 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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-21 | 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 |
| (cont.) | 5/7/2019 | n/a | 0.000797(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 |
| | 11/26/2019 | n/a | <0.002 | 0.00253 | 0.128 | <0.002 | <0.001 | n/a | 7.55 | 0.000711(BJ) | <0.002 | n/a | <0.005 | 223 | 1.22 | <0.002 | 0.439 | n/a |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/21/2025 | n/a | <0.004 | 0.00136(J) | 0.113 | <0.002 | <0.001 | n/a | 5.77 | <0.002 | <0.002 | n/a | 0.00167(BJ) | 295 | 1.18 | <0.002 | 0.35 | n/a |
| MW-22 | upgradient | | | | | | | | | | | | | | | | | |
| | 11/28/2017 | n/a | <0.002 | 0.00268 | 0.0638 | <0.002 | <0.001 | n/a | 3.73 | 0.000705(BJ) | <0.002 | n/a | 0.00093(BJ) | 207 | 0.78 | <0.002 | 0.193 | n/a |
| | 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 |
| | 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 |
| | 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 | 0.000579(BJ) | 226 | 0.553 | <0.002 | 0.234 | n/a |
| | 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 |
| | 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 |
| | 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 |
| | 5/6/2019 | n/a | 0.000874(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 |
| | 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 |
| | 11/25/2019 | n/a | <0.002 | 0.00214 | 0.0544 | <0.002 | <0.001 | n/a | 3.87(B) | 0.000627(BJ) | <0.002 | n/a | <0.005 | 136 | 0.429 | <0.002 | 0.218 | n/a |
| | 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 |
| | 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 |
| | 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 | 0.000974(BJ) | 0.231 | n/a |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-22 | 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 |
| (cont.) | 11/18/2025 | n/a | <0.004 | 0.0043 | 0.0661 | <0.002 | <0.001 | n/a | 4.23 | <0.002 | <0.002 | n/a | 0.00104(BJ) | 224 | 1.05 | <0.002 | 0.293 | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 8/18/2025 | n/a | 0.000335(J) | 0.000975(J) | 0.15 | <0.002 | <0.001 | n/a | 7.79 | <0.002 | <0.002 | n/a | <0.005 | 564 | 2.53 | <0.002 | 0.314 | n/a |
| | 11/19/2025 | n/a | <0.004 | 0.00168(J) | 0.132 | <0.002 | <0.001 | n/a | 7.73 | <0.002 | <0.002 | n/a | 0.00159(BJ) | 372 | 2.47 | <0.002 | 0.287 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 8/18/2025 | n/a | <0.004 | 0.000597(J) | 0.264 | <0.002 | <0.001 | n/a | 37.5 | <0.002 | <0.002 | n/a | <0.005 | 555 | 5.86 | <0.002 | 0.68 | n/a |
| | 11/19/2025 | n/a | <0.004 | 0.00126(J) | 0.177 | <0.002 | <0.001 | n/a | 13 | <0.002 | <0.002 | n/a | 0.00133(BJ) | 455 | 3.94 | <0.002 | 0.38 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 8/18/2025 | n/a | <0.004 | 0.00112(J) | 0.128 | <0.002 | <0.001 | n/a | 5.98 | <0.002 | <0.002 | n/a | <0.005 | 294 | 1.94 | <0.002 | 0.511 | n/a |
| | 11/19/2025 | n/a | <0.004 | 0.00119(J) | 0.231 | <0.002 | <0.001 | n/a | 35.1 | <0.002 | <0.002 | n/a | 0.00113(BJ) | 308 | 4.99 | <0.002 | 0.621 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 8/19/2025 | n/a | <0.004 | 0.000723(J) | 0.221 | <0.002 | <0.001 | n/a | 31.8 | <0.002 | <0.002 | n/a | <0.005 | 428 | 4.35 | <0.002 | 0.604 | n/a |
| | 11/21/2025 | n/a | <0.004 | 0.0012(J) | 0.129 | <0.002 | <0.001 | n/a | 6.76 | <0.002 | <0.002 | n/a | 0.000903(BJ) | 351 | 2.21 | <0.002 | 0.529 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 8/19/2025 | n/a | <0.004 | 0.000643(J) | 0.196 | <0.002 | <0.001 | n/a | 8.45 | <0.002 | <0.002 | n/a | 0.000735(BJ) | 390 | 4.06 | <0.002 | 0.56 | n/a |
| | 11/21/2025 | n/a | <0.004 | 0.000699(J) | 0.169 | <0.002 | <0.001 | n/a | 9.25 | <0.002 | <0.002 | n/a | <0.005 | 348 | 3.69 | <0.002 | 0.468 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-29 | 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 |
| (cont.) | 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 |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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) |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/21/2025 | n/a | 0.0805 | 0.174 | 2.42 | <0.01 | <0.005 | n/a | 2220 | 0.0461 | 0.0555 | n/a | 0.00869(BJ) | 5100 | 19.5 | 0.00487(J) | 0.589 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LEACHATEBLDGB | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/21/2025 | n/a | 0.000721(J) | 0.00298 | 0.152 | <0.002 | <0.001 | n/a | 69.3 | <0.002 | 0.00216 | n/a | 0.0306 | 317 | 0.446 | 0.00347 | 0.0167 | n/a |
| 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/21/2025 | n/a | 0.00382(J) | 0.0502 | 1.84 | <0.018 | <0.009 | n/a | 1820 | 0.0608 | 0.0429 | n/a | 0.00965(BJ) | 5920 | 8.67 | <0.018 | 1.47 | 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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-6 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <1 | <0.005 | <0.05 | 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 |
| | 5/23/1995 | <0.05 | <0.005 | <0.05 | 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 |
| | 6/29/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 7/25/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 2/8/1996 | <0.1 | <0.008 | <0.05 | 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 |
| | 8/6/1996 | <0.05 | <0.01 | <0.05 | 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 |
| | 2/26/1997 | <0.05 | <0.01 | <0.05 | 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 |
| | 9/10/1997 | <0.05 | <0.02 | <0.05 | 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 |
| MW-6R | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/23/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/16/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/29/1999 | <0.01 | 0.007 | <0.01 | 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 |
| | 3/14/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/20/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/21/2001 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/26/2001 | <0.01 | <0.005 | <0.01 | 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 |
| | 3/27/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/25/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 4/1/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/17/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/24/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/14/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/9/2005 | <0.01 | <0.01 | <0.01 | 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 | <1 | <1 |
| | 9/28/2005 | <0.01 | <0.003 | <0.00057 | 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 |
| | 3/15/2006 | 0.0414(O) | <0.003 | <0.00057 | 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 |
| | 9/20/2006 | <0.005 | <0.005 | <0.00057 | 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 |
| | 3/6/2007 | <0.002 | <0.003 | <0.00057 | 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 |
| | 9/19/2007 | 0.00065 | <0.00356 | <0.000434 | 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 |
| | 4/1/2008 | 0.0033 | <0.0178 | <0.00125 | 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 |
| | 9/18/2008 | 0.00066 | <0.001 | <0.0002 | 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 |
| | 3/17/2009 | 0.000178 | <0.001 | <0.0002 | 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 |
| | 10/7/2009 | 0.00048 | <0.001 | <0.0002 | 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 |
| | 3/16/2010 | 0.0068 | <0.002 | <0.0008 | 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 |
| | 9/28/2010 | 0.0012 | <0.002 | <0.0008 | 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 |
| | 3/13/2012 | <0.02 | 0.00057 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/5/2014 | 0.0091 | 0.0017 | <0.001 | 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 |
| | 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 | 6.8 | 3.5 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-8 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <1 | <0.005 | <0.05 | 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 |
| | 5/23/1995 | <0.05 | <0.005 | <0.05 | 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 |
| | 6/29/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 7/25/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 2/8/1996 | <0.1 | <0.008 | <0.05 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-8 | 8/6/1996 | <0.05 | <0.01 | <0.05 | 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 |
| (cont.) | 2/26/1997 | <0.05 | <0.01 | <0.05 | 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 |
| | 9/10/1997 | <0.05 | <0.02 | <0.05 | 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 |
| | 4/9/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/23/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/16/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/29/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/14/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/20/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/21/2001 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/26/2001 | <0.01 | <0.005 | <0.01 | 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 |
| | 3/27/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/25/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 4/1/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/17/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/24/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/14/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/9/2005 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/28/2005 | <0.00057 | <0.001 | <0.002 | 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 |
| | 3/15/2006 | 0.0334 | <0.003 | <0.00057 | 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 |
| | 9/20/2006 | <0.005 | <0.005 | <0.00057 | 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 |
| | 3/6/2007 | 0.00238 | <0.003 | <0.00057 | 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 |
| | 9/19/2007 | 0.00145 | <0.00356 | <0.000434 | 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 |
| | 4/1/2008 | 0.0012 | <0.0178 | <0.00125 | 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 |
| | 9/18/2008 | 0.00166 | <0.001 | <0.0002 | 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 |
| | 3/17/2009 | 0.00094 | <0.001 | <0.0002 | 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 |
| | 10/7/2009 | 0.00238 | <0.001 | <0.0002 | 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 |
| | 3/16/2010 | 0.0043 | <0.002 | <0.0008 | 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 |
| | 9/28/2010 | 0.0064 | <0.002 | <0.0008 | 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 |
| | 9/26/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/5/2014 | 0.0053 | 0.0014 | <0.001 | 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 |
| | 10/16/2015 | 0.00512 | <0.002 | <0.002 | 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 |
| | 6/15/2017 | 0.000979(J) | <0.002 | <0.002 | 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 |
| MW-9 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 5/23/1995 | <0.05 | <0.005 | <0.05 | 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 |
| | 6/29/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 7/25/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 2/8/1996 | <0.1 | <0.008 | <0.05 | 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 |
| | 8/6/1996 | <0.05 | <0.01 | <0.05 | 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 |
| | 2/26/1997 | <0.05 | <0.01 | <0.05 | 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 |
| | 9/10/1997 | <0.05 | <0.02 | <0.05 | 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 |
| | 4/9/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/23/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/16/1999 | <0.01 | <0.01 | <0.01 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9 | 9/29/1999 | <0.01 | <0.01 | <0.01 | 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 |
| (cont.) | 3/14/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/20/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/21/2001 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/26/2001 | <0.01 | <0.005 | <0.01 | 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 |
| | 3/27/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/25/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 4/1/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/17/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/24/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/14/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/9/2005 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/28/2005 | <0.01 | <0.003 | <0.00057 | 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 |
| | 3/15/2006 | 0.0234 | <0.003 | <0.00057 | 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 |
| | 9/20/2006 | <0.005 | <0.005 | <0.00057 | 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 |
| | 3/6/2007 | <0.002 | <0.003 | <0.00057 | 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 |
| | 9/19/2007 | <0.000128 | <0.00356 | <0.000434 | 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 |
| | 4/1/2008 | 0.0005 | <0.0178 | <0.00125 | 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 |
| | 9/18/2008 | 0.00056 | <0.001 | <0.0002 | 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 |
| | 3/17/2009 | 0.0583 | <0.001 | 0.00592 | 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 |
| | 10/7/2009 | 0.0016 | <0.001 | <0.0002 | 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 |
| | 3/16/2010 | 0.0024 | <0.002 | <0.0008 | 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 |
| MW-9R | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | 0.0029 | <0.002 | <0.0008 | 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 |
| | 12/30/2010 | 0.0026 | <0.0025 | <0.0005 | 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 |
| | 3/9/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 6/3/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/13/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/13/2012 | 0.019 | <0.001 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/6/2013 | 0.052(R) | 0.00053(J) | <0.01 | 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 |
| | 9/12/2013 | 0.014 | 0.00049(J) | <0.001 | 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 |
| | 3/5/2014 | 0.0072 | 0.001 | <0.001 | 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 |
| | 10/9/2014 | 0.0034 | <0.001 | <0.001 | 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 |
| | 4/22/2015 | 0.02 | <0.002 | <0.002 | 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 |
| | 11/12/2015 | 0.0159 | <0.002 | <0.002 | 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 |
| MW-9R2 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | 0.0029 | <0.002 | <0.0008 | 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 |
| | 12/30/2010 | 0.0026 | <0.0025 | <0.0005 | 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 |
| | 3/9/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 6/3/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/13/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/13/2012 | 0.019 | <0.001 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/6/2013 | 0.052(R) | 0.00053(J) | <0.01 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | 9/12/2013 | 0.014 | 0.00049(J) | <0.001 | 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 |
| (cont.) | 3/5/2014 | 0.0072 | 0.001 | <0.001 | 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 |
| | 10/9/2014 | 0.0034 | <0.001 | <0.001 | 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 |
| | 4/22/2015 | 0.02 | <0.002 | <0.002 | 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 |
| | 11/12/2015 | 0.0159 | <0.002 | <0.002 | 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 |
| | 11/29/2017 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/25/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/13/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/7/2019 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/26/2019 | 0.00125(BJ) | <0.002 | <0.002 | 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 |
| | 5/15/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/11/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/13/2021 | <0.002 | <0.002 | 0.000169(J) | 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 |
| | 11/10/2021 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/11/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/9/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/22/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/21/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/15/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/19/2025 | 0.0077 | 0.000447(J) | 0.000116(J) | n/a | 20.3 | 21.8 | 0.00045(J) | 0.698(J) | 0.000606(J) | 0.014(J) | 595 | n/a | 6.7 | 3.9 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| | 1/28/2026 | n/a | n/a | n/a | n/a | n/a | 17.2 | n/a | n/a | n/a | n/a | 339.1 | n/a | 7.1 | 0.4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| MW-14 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 5/23/1995 | <0.05 | <0.005 | <0.05 | 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 |
| | 6/29/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 7/25/1995 | 0.52 | <0.005 | <0.05 | 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 |
| | 2/8/1996 | <0.1 | <0.008 | <0.05 | 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 |
| | 8/6/1996 | <0.05 | <0.01 | <0.05 | 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 |
| | 2/26/1997 | <0.05 | <0.01 | <0.05 | 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 |
| | 9/10/1997 | <0.05 | <0.02 | <0.05 | 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 |
| | 4/9/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/23/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/16/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/29/1999 | <0.01 | 0.01 | <0.01 | 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 |
| | 3/14/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/20/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/21/2001 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/26/2001 | <0.01 | <0.005 | <0.01 | 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 |
| | 3/27/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/25/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 4/1/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/17/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/24/2004 | <0.01 | <0.01 | <0.01 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-14R | upgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/14/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/9/2005 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/28/2005 | <0.01 | <0.003 | <0.00057 | 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 |
| | 3/15/2006 | 0.0277 | <0.003 | <0.00057 | 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 |
| | 9/20/2006 | <0.005 | <0.005 | <0.00057 | 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 |
| | 3/6/2007 | 0.00248 | <0.003 | <0.00057 | 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 |
| | 9/19/2007 | 0.0022 | <0.00356 | <0.000434 | 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 |
| | 4/1/2008 | 0.01 | <0.0178 | <0.00125 | 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 |
| | 9/18/2008 | 0.00166 | <0.001 | <0.0002 | 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 |
| | 3/17/2009 | 0.0189 | <0.001 | 0.0003 | 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 |
| | 10/7/2009 | 0.00128 | <0.001 | <0.0002 | 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 |
| | 3/16/2010 | 0.0026 | <0.002 | <0.0008 | 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 |
| | 9/28/2010 | 0.0019 | <0.002 | <0.0008 | 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 |
| | 3/9/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/13/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/13/2012 | <0.02 | 0.0012 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/5/2013 | 0.012(J) | 0.00086(J) | <0.01 | 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 |
| | 9/10/2013 | 0.0039 | 0.0008(J) | <0.001 | 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 |
| | 3/4/2014 | 0.0074 | 0.0039 | <0.001 | 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 |
| | 10/6/2014 | 0.018 | 0.0023 | <0.001 | 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 |
| | 4/14/2015 | 0.0013(J) | <0.002 | <0.002 | 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 |
| | 10/14/2015 | 0.00184(J) | <0.002 | <0.002 | 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 |
| | 4/12/2016 | 0.00369 | <0.002 | <0.002 | 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 |
| | 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 | n/a |
| | 12/20/2016 | 0.0015(J) | <0.002 | <0.002 | 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 |
| | 6/13/2017 | 0.000786(J) | <0.002 | <0.002 | 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 |
| | 11/29/2017 | 0.000444(BJ) | <0.002 | <0.002 | 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 |
| | 5/23/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/12/2018 | 0.000463(J) | <0.002 | <0.002 | 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 |
| | 5/6/2019 | 0.000857(BJ) | <0.002 | <0.002 | 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 |
| | 11/25/2019 | 0.00081(BJ) | <0.002 | <0.002 | 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 |
| | 5/13/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2020 | 0.000847(J) | <0.002 | <0.002 | 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 |
| | 5/12/2021 | <0.002 | <0.002 | <0.002 | 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 |
| | 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 | 6.9 | 19.3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 11/8/2021 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/10/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/9/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 2/6/2023 | n/a | n/a | n/a | 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 |
| | 5/8/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/8/2023 | <0.002 | <0.002 | 0.000102(J) | 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 |
| | 5/21/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/19/2024 | <0.002 | <0.002 | <0.002 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-14R | 5/7/2025 | 0.000539(J) | <0.002 | <0.002 | 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 |
| (cont.) | 11/18/2025 | <0.002 | <0.002 | <0.002 | n/a | 65.9 | 19.3 | <0.002 | 0.752(J) | <0.005 | 0.0171(J) | 848 | n/a | 6.8 | 21.9 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-16 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 5/23/1995 | 0.05 | 0.005 | 0.05 | 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 |
| | 6/29/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 7/25/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 2/8/1996 | <0.1 | <0.008 | <0.05 | 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 |
| | 8/6/1996 | <0.05 | <0.01 | <0.05 | 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 |
| | 2/26/1997 | <0.05 | <0.01 | <0.05 | 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 |
| | 9/10/1997 | <0.05 | <0.02 | <0.05 | 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 |
| | 4/9/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/23/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/16/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/29/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/14/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/20/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/21/2001 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/26/2001 | <0.01 | <0.005 | <0.01 | 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 |
| | 3/27/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/25/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 4/1/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/17/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/24/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/14/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/9/2005 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/28/2005 | <0.01 | <0.003 | <0.00057 | 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 |
| | 3/15/2006 | 0.0463 | <0.003 | <0.00057 | 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 |
| | 9/20/2006 | <0.005 | <0.005 | <0.00057 | 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 |
| | 3/6/2007 | <0.002 | <0.003 | <0.00057 | 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 |
| | 9/19/2007 | 0.00075 | <0.00356 | <0.000434 | 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 |
| | 4/1/2008 | 0.0027 | <0.0178 | <0.00125 | 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 |
| | 9/18/2008 | 0.00062 | <0.001 | <0.0002 | 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 |
| | 3/17/2009 | 0.0282 | <0.001 | 0.00044 | 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 |
| | 10/7/2009 | 0.00106 | <0.001 | <0.0002 | 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 |
| | 3/16/2010 | 0.0021 | <0.002 | <0.0008 | 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 |
| MW-16R | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | 0.0017 | <0.002 | <0.0008 | 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 |
| | 12/30/2010 | <0.001 | <0.0025 | <0.0005 | 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 |
| | 3/9/2011 | <0.02 | <0.001 | <0.01 | 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 | <5 |
| | 6/3/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/13/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/13/2012 | 0.0063 | <0.001 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | 0.00054 | <0.01 | 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 |
| | 3/5/2013 | 0.14(R) | 0.00075(J) | 0.0036(J) | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-16R | 9/11/2013 | 0.037 | 0.00063(J) | <0.001 | 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 |
| (cont.) | 3/4/2014 | 0.0049 | 0.0012 | <0.001 | 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 |
| | 10/23/2014 | 0.0034 | <0.002 | 0.0027 | 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 |
| | 4/21/2015 | 0.0012(J) | <0.002 | <0.002 | 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 |
| | 10/16/2015 | 0.00736 | <0.002 | <0.002 | 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 |
| | 4/14/2016 | 0.00219 | <0.002 | <0.002 | 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 |
| | 12/20/2016 | 0.00109(J) | <0.002 | <0.002 | 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 |
| | 6/15/2017 | 0.00376 | <0.002 | <0.002 | 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 |
| | 12/1/2017 | 0.000371(BJ) | <0.002 | <0.002 | 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 |
| | 3/8/2018 | n/a | n/a | n/a | 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 |
| | 5/24/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/12/2018 | <0.002 | <0.002 | 0.00047(J) | 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 |
| | 5/7/2019 | 0.000367(BJ) | <0.002 | <0.002 | 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 |
| | 11/26/2019 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/14/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/11/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/18/2021 | 0.00084(J) | <0.002 | 0.000222(J) | 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 |
| | 11/9/2021 | <0.002 | <0.002 | 0.000123(J) | 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 |
| | 5/10/2022 | 0.000946(J) | <0.002 | 0.000197(J) | 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 |
| | 11/9/2022 | n/a | n/a | n/a | 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 |
| | 11/10/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/9/2023 | <0.002 | <0.002 | 0.000382(J) | 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 |
| | 7/25/2023 | n/a | n/a | n/a | 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 |
| | 11/10/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 1/31/2024 | n/a | n/a | n/a | 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 |
| | 5/22/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 8/2/2024 | n/a | n/a | n/a | 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 |
| | 8/5/2024 | n/a | n/a | n/a | 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 |
| | 11/20/2024 | <0.002 | <0.002 | 0.000124(J) | 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 |
| | 5/15/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/18/2025 | <0.002 | <0.002 | <0.002 | n/a | 24.1 | 22.5 | <0.002 | 0.817(J) | <0.005 | 0.0109(J) | 532 | n/a | 6.9 | 3 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-17 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 5/23/1995 | <0.05 | <0.005 | <0.05 | 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 |
| | 6/29/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 7/25/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 2/8/1996 | <0.1 | <0.008 | <0.05 | 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 |
| | 8/6/1996 | <0.05 | <0.01 | <0.05 | 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 |
| | 2/26/1997 | <0.05 | <0.01 | <0.05 | 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 |
| | 9/10/1997 | <0.05 | <0.02 | <0.05 | 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 |
| | 4/9/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/23/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/16/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/29/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/14/2000 | <0.01 | <0.01 | <0.01 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-17 | 9/20/2000 | <0.01 | <0.01 | <0.01 | 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 |
| (cont.) | 3/21/2001 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/26/2001 | <0.01 | <0.005 | <0.01 | 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 |
| | 3/27/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/25/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 4/1/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/17/2003 | <0.01 | 0.00848 | <0.01 | 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 |
| MW-17R | upgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/14/2004 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/9/2005 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/28/2005 | <0.01 | <0.003 | <0.00057 | 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 |
| | 3/15/2006 | 0.0233 | <0.003 | <0.00057 | 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 |
| | 9/20/2006 | <0.005 | <0.005 | <0.00057 | 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 |
| | 3/6/2007 | <0.002 | <0.003 | <0.00057 | 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 |
| | 9/19/2007 | 0.00075 | <0.00356 | <0.000434 | 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 |
| | 4/1/2008 | 0.0125 | <0.0178 | <0.00125 | 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 |
| | 9/18/2008 | 0.00142 | <0.001 | <0.0002 | 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 |
| | 3/17/2009 | 0.0224 | <0.001 | <0.0002 | 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 |
| | 10/7/2009 | 0.00068 | <0.001 | <0.0002 | 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 |
| | 3/16/2010 | 0.0029 | <0.002 | <0.0008 | 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 |
| | 9/28/2010 | 0.0019 | <0.002 | <0.0008 | 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 |
| | 3/9/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/13/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/13/2012 | 0.02 | <0.001 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/5/2013 | 0.01(J) | <0.001 | 0.0031(J) | 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 |
| | 9/11/2013 | 0.38(R) | <0.001 | <0.001 | 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 |
| | 3/5/2014 | 0.0045 | 0.00081(J) | <0.001 | 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 |
| | 10/9/2014 | 0.0065 | <0.001 | <0.001 | 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 |
| | 4/21/2015 | 0.0033 | <0.002 | <0.002 | 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 |
| | 10/14/2015 | 0.0114 | <0.002 | <0.002 | 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 |
| | 4/12/2016 | 0.016 | <0.002 | 0.000378(J) | 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 |
| | 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 | n/a |
| | 12/20/2016 | 0.0121 | <0.002 | <0.002 | 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 |
| | 4/12/2017 | n/a | n/a | n/a | 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 |
| | 6/14/2017 | 0.00329 | <0.002 | <0.002 | 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 |
| | 11/29/2017 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/23/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 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 | 6.5 | 3.8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 11/9/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/6/2019 | 0.000637(BJ) | <0.002 | <0.002 | 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 |
| | 7/23/2019 | n/a | n/a | n/a | 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 |
| | 11/25/2019 | 0.000699(BJ) | <0.002 | <0.002 | 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 |
| | 5/14/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2020 | <0.002 | <0.002 | <0.002 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-17R | 5/12/2021 | <0.002 | <0.002 | 8.48E-05(J) | 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 |
| (cont.) | 11/9/2021 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/10/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 2/6/2023 | n/a | n/a | n/a | 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 |
| | 5/8/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/9/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/21/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 8/5/2024 | n/a | n/a | n/a | 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 |
| | 11/20/2024 | 0.000573(J) | <0.002 | <0.002 | 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 |
| | 1/23/2025 | n/a | n/a | n/a | 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 |
| | 5/8/2025 | 0.000788(J) | <0.002 | <0.002 | 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 |
| | 11/18/2025 | <0.002 | <0.002 | <0.002 | n/a | 36.1 | 20.5 | <0.002 | 0.843(J) | <0.005 | <0.025 | 715 | n/a | 6.8 | 3.2 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-18 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 5/23/1995 | <0.05 | <0.005 | <0.05 | 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 |
| | 6/29/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 7/25/1995 | <0.1 | <0.005 | <0.05 | 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 |
| | 2/8/1996 | <0.1 | <0.008 | <0.05 | 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 |
| | 8/6/1996 | <0.05 | <0.01 | <0.05 | 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 |
| | 2/26/1997 | <0.05 | <0.01 | <0.05 | 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 |
| | 9/10/1997 | <0.05 | <0.02 | <0.05 | 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 |
| | 4/9/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/23/1998 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/16/1999 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/29/1999 | <0.01 | 0.01 | <0.01 | 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 |
| | 3/14/2000 | <0.01 | 0.096 | <0.01 | 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 |
| | 9/20/2000 | <0.01 | <0.01 | <0.01 | 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 |
| | 3/21/2001 | 0.014 | <0.01 | <0.01 | 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 |
| | 9/26/2001 | <0.01 | <0.005 | <0.01 | 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 |
| | 3/27/2002 | <0.01 | 0.232 | <0.01 | 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 |
| | 9/25/2002 | <0.01 | <0.01 | <0.01 | 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 |
| | 4/1/2003 | <0.01 | <0.01 | <0.01 | 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 |
| | 9/17/2003 | <0.01 | <0.01 | <0.01 | 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 |
| MW-19 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | 0.0016 | <0.002 | <0.0008 | 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 |
| | 12/30/2010 | 0.0014 | <0.0025 | <0.0005 | 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 |
| | 3/9/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 6/3/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/13/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/13/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | 0.0007 | <0.01 | 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 |
| | 3/5/2013 | 0.29(R) | <0.001 | <0.01 | 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 |
| | 9/11/2013 | 0.022 | 0.00075(J) | <0.001 | 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 |
| | 11/20/2013 | n/a | n/a | n/a | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-19 | 3/4/2014 | 0.011 | 0.0013 | <0.001 | 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 |
| (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 | 6.9 | 15 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| | 10/9/2014 | 0.01 | <0.001 | <0.001 | 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 |
| | 4/21/2015 | 0.016 | <0.002 | <0.002 | 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 |
| | 10/16/2015 | 0.163 | <0.002 | <0.002 | 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 |
| | 2/3/2016 | 0.0804 | n/a | n/a | 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 |
| | 4/14/2016 | 0.0109 | <0.002 | <0.002 | 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 |
| | 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 | n/a |
| | 12/22/2016 | 0.0135 | <0.002 | <0.002 | 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 |
| | 4/12/2017 | n/a | n/a | n/a | 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 |
| | 6/15/2017 | 0.00354 | <0.002 | <0.002 | 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 |
| | 12/1/2017 | <0.002 | <0.002 | <0.002 | 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 |
| | 3/8/2018 | n/a | n/a | n/a | 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 |
| | 5/24/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/12/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/7/2019 | 0.000515(BJ) | <0.002 | <0.002 | 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 |
| | 11/26/2019 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/14/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/13/2021 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/9/2021 | <0.002 | <0.002 | 7.65E-05(J) | 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 |
| | 5/10/2022 | <0.002 | <0.002 | 0.000124(J) | 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 |
| | 11/10/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/9/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/9/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/21/2024 | <0.002 | <0.002 | 0.000585(J) | 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 |
| | 11/20/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/8/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/18/2025 | <0.002 | <0.002 | <0.002 | n/a | 28.5 | 24.3 | <0.002 | 0.914(J) | <0.005 | 0.0132(J) | 560 | n/a | 7 | 3 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-20 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | 0.0042 | <0.002 | <0.0008 | 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 |
| | 12/30/2010 | 0.00185 | <0.0025 | <0.0005 | 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 |
| | 3/9/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 6/3/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/13/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/13/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | 0.00047 | <0.01 | 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 |
| | 3/6/2013 | 0.028(R) | <0.001 | <0.01 | 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 |
| | 9/12/2013 | 0.015 | 0.0004(J) | <0.001 | 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 |
| | 11/20/2013 | n/a | n/a | n/a | 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 |
| | 3/5/2014 | 0.005 | 0.0011 | <0.001 | 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 |
| | 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 | 6.7 | 7.5 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| | 10/23/2014 | 0.006 | <0.002 | <0.002 | 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 |
| | 4/21/2015 | 0.0044 | <0.002 | <0.002 | 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 |
| | 10/15/2015 | 0.00413 | <0.002 | <0.002 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-20 | 4/13/2016 | 0.0109 | <0.002 | <0.002 | 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 |
| (cont.) | 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 | n/a |
| | 12/20/2016 | 0.00489 | <0.002 | <0.002 | 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 |
| | 4/12/2017 | n/a | n/a | n/a | 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 |
| | 6/14/2017 | 0.00198(J) | <0.002 | <0.002 | 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 |
| | 10/5/2017 | n/a | n/a | n/a | 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 |
| | 12/1/2017 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/24/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/13/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 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 | 6.5 | 0.8 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 5/7/2019 | 0.000521(BJ) | <0.002 | <0.002 | 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 |
| | 11/26/2019 | 0.000526(BJ) | <0.002 | <0.002 | 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 |
| | 5/14/2020 | <0.002 | <0.002 | <0.002 | 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 |
| MW-20R | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 5/13/2021 | 0.000937(J) | <0.002 | 0.000455(J) | 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 |
| | 7/28/2021 | n/a | n/a | n/a | 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 |
| | 11/9/2021 | <0.002 | <0.002 | 0.000159(J) | 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 |
| | 1/11/2022 | n/a | n/a | n/a | 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 |
| | 5/11/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/8/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2023 | 0.00228 | <0.002 | <0.002 | 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 |
| | 5/22/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/20/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/8/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/19/2025 | <0.002 | <0.002 | <0.002 | n/a | 19.9 | 18.6 | <0.002 | 0.89(J) | <0.005 | 0.013(J) | 497 | n/a | 6.6 | 3 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-21 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | 0.0009 | <0.001 | <0.0004 | 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 |
| | 12/30/2010 | 0.00125 | <0.0025 | <0.0005 | 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 |
| | 3/9/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 6/3/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 9/13/2011 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/13/2012 | 0.0069 | <0.001 | <0.01 | 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 |
| | 9/26/2012 | <0.02 | <0.001 | <0.01 | 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 |
| | 3/6/2013 | 0.019(J) | <0.001 | <0.01 | 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 |
| | 9/12/2013 | 0.024 | 0.00043(J) | <0.001 | 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 |
| | 3/6/2014 | 0.0058 | 0.00097(J) | <0.001 | 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 |
| | 10/8/2014 | 0.0025 | <0.001 | <0.001 | 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 |
| | 4/22/2015 | 0.0012(J) | <0.002 | <0.002 | 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 |
| | 10/14/2015 | 0.028 | <0.002 | <0.002 | 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 |
| | 4/13/2016 | 0.00474 | <0.002 | <0.002 | 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 |
| | 12/20/2016 | 0.00276 | <0.002 | <0.002 | 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 |
| | 6/14/2017 | 0.00176(J) | <0.002 | <0.002 | 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 |
| | 11/29/2017 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/24/2018 | <0.002 | <0.002 | <0.002 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-21 | 11/13/2018 | <0.002 | <0.002 | <0.002 | 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 |
| (cont.) | 5/7/2019 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/26/2019 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/14/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/14/2021 | 0.001(J) | <0.002 | <0.002 | 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 |
| | 11/10/2021 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/11/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/10/2022 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/8/2023 | <0.002 | <0.002 | 0.000282(J) | 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 |
| | 11/9/2023 | 0.000897(J) | <0.002 | <0.002 | 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 |
| | 1/31/2024 | n/a | n/a | n/a | 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 |
| | 5/22/2024 | 0.00117(J) | <0.002 | 0.000319(J) | 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 |
| | 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 | 6.5 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 11/22/2024 | 0.000607(J) | <0.002 | <0.002 | 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 |
| | 5/6/2025 | 0.00122(J) | <0.002 | <0.002 | 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 |
| | 7/29/2025 | n/a | n/a | n/a | 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 |
| | 11/21/2025 | <0.002 | <0.002 | <0.002 | n/a | 10.2 | 20.4 | <0.002 | 0.849(J) | <0.005 | 0.0139(J) | 343 | n/a | 7.1 | 4.3 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-22 | upgradient | | | | | | | | | | | | | | | | | | | | | |
| | 11/28/2017 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/28/2017 | n/a | n/a | n/a | 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 |
| | 3/8/2018 | 0.000505(J) | <0.002 | <0.002 | 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 |
| | 5/23/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 8/20/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/9/2018 | <0.002 | <0.002 | <0.002 | 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 |
| | 1/29/2019 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/6/2019 | 0.000572(BJ) | <0.002 | <0.002 | 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 |
| | 7/23/2019 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/25/2019 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/13/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 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 | n/a |
| | 11/9/2020 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/12/2021 | <0.002 | <0.002 | 0.000202(J) | 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 |
| | 11/8/2021 | <0.002 | <0.002 | 0.000226(J) | 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 |
| | 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 | 7.6 | 3.1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 5/10/2022 | <0.002 | <0.002 | 0.000185(J) | 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 |
| | 11/9/2022 | <0.002 | <0.002 | 8.16E-05(J) | 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 |
| | 2/6/2023 | n/a | n/a | n/a | 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 |
| | 5/8/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/8/2023 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/21/2024 | <0.002 | <0.002 | 0.00051(J) | 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 |
| | 8/2/2024 | n/a | n/a | n/a | 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 |
| | 11/19/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 1/23/2025 | n/a | n/a | n/a | 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 |
| | 5/7/2025 | <0.002 | <0.002 | <0.002 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-22 | 7/29/2025 | n/a | n/a | n/a | 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 |
| (cont.) | 11/18/2025 | <0.002 | <0.002 | 0.000133(J) | n/a | 10.4 | 19.1 | <0.002 | 0.713(J) | <0.005 | 0.0186(J) | 327 | n/a | 7.2 | 7.1 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-23 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/22/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 3/12/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/6/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 8/18/2025 | <0.002 | <0.002 | <0.002 | n/a | 27.6 | 21.7 | <0.002 | 0.637(J) | <0.005 | <0.025 | 518 | n/a | 6.9 | 9.5 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| | 11/19/2025 | <0.002 | <0.002 | <0.002 | n/a | 25.9 | 17.4 | <0.002 | 0.866(J) | <0.005 | 0.0195(J) | 451 | n/a | 6.9 | 9 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-24 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/22/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 3/12/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/6/2025 | 0.000554(J) | <0.002 | <0.002 | 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 |
| | 8/18/2025 | <0.002 | <0.002 | <0.002 | n/a | 99.9 | 21.6 | <0.002 | 0.731(J) | <0.005 | <0.025 | 876 | n/a | 6.6 | 5.5 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| | 11/19/2025 | <0.002 | <0.002 | <0.002 | n/a | 38 | 17.6 | <0.002 | 0.988(J) | <0.005 | 0.016(J) | 560 | n/a | 6.8 | 9.7 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-25 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/25/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 3/13/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/6/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 8/18/2025 | <0.002 | <0.002 | <0.002 | n/a | 14.8 | 23 | <0.002 | 0.7(J) | <0.005 | <0.025 | 716 | n/a | 6.8 | 3.4 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| | 11/19/2025 | <0.002 | <0.002 | <0.002 | n/a | 63.5 | 17.3 | <0.002 | 0.888(J) | <0.005 | 0.0184(J) | 675 | n/a | 6.6 | 2.8 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-26 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/21/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 3/13/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/15/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 8/19/2025 | <0.002 | <0.002 | <0.002 | n/a | 58.6 | 21 | <0.002 | 0.718(J) | <0.005 | <0.025 | 444 | n/a | 7 | 6 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| | 11/21/2025 | <0.002 | <0.002 | <0.002 | n/a | 16 | 18.3 | <0.002 | 0.867(J) | <0.005 | 0.0113(J) | 466 | n/a | 7 | 5.9 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-27R | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/21/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 3/13/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 5/15/2025 | <0.002 | <0.002 | <0.002 | 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 |
| | 8/19/2025 | <0.002 | <0.002 | <0.002 | n/a | 16.7 | 21 | <0.002 | 0.547(J) | <0.005 | <0.025 | 621 | n/a | 6.7 | 4.2 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| | 11/21/2025 | <0.002 | <0.002 | <0.002 | n/a | 17.2 | 18.6 | <0.002 | 1.01 | <0.005 | <0.025 | 538 | n/a | 6.7 | 2.8 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| MW-28 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | 0.000854(J) | <0.002 | <0.002 | 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 |
| | 11/25/2024 | 0.000595(J) | <0.002 | <0.002 | 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 |
| | 3/13/2025 | 0.00191(J) | <0.002 | <0.002 | 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 |
| | 5/16/2025 | 0.00228 | <0.002 | <0.002 | 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 |
| MW-29 | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <0.002 | <0.002 | <0.002 | 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 |
| | 11/25/2024 | <0.002 | <0.002 | <0.002 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-29 | 3/13/2025 | 0.00294 | <0.002 | <0.002 | 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 |
| (cont.) | 5/16/2025 | 0.00128(J) | <0.002 | <0.002 | 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 |
| LEACHATEBLDGA | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/6/2013 | 0.11 | 0.018 | <0.01 | 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 |
| | 9/11/2013 | 0.14 | 0.032 | <0.005 | 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 |
| | 3/5/2014 | 0.15 | 0.022 | <0.005 | 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 |
| | 10/9/2014 | 0.15 | 0.0028 | <0.001 | 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 |
| | 4/14/2015 | n/a | n/a | n/a | 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 |
| | 4/16/2015 | 0.18 | <0.018 | <0.018 | 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 |
| | 10/16/2015 | 0.167 | <0.018 | <0.018 | 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 |
| | 4/13/2016 | 0.14 | <0.018 | <0.018 | 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 |
| | 12/22/2016 | 0.196 | 0.00449(J) | <0.018 | 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 |
| | 6/15/2017 | 0.144 | 0.00201 | <0.002 | 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 |
| | 12/1/2017 | 0.166 | 0.00302 | <0.002 | 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 |
| | 5/25/2018 | 0.187 | 0.00289 | <0.002 | 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 |
| | 11/14/2018 | 0.159 | 0.00311 | <0.002 | 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 |
| | 5/8/2019 | 0.153 | <0.02 | <0.02 | 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 |
| | 11/26/2019 | 0.173 | <0.01 | <0.005 | 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 |
| | 5/15/2020 | 0.168 | 0.00248 | <0.002 | 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 |
| | 11/11/2020 | 0.187 | <0.018 | <0.018 | 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 |
| | 5/14/2021 | 0.0904 | 0.00166(J) | <0.002 | 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 |
| | 11/10/2021 | 0.144 | <0.02 | <0.02 | 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 |
| | 5/11/2022 | 0.201 | 0.00522 | 0.000334(J) | 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 |
| | 11/10/2022 | 0.0936 | <0.01 | <0.01 | 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 |
| | 5/9/2023 | 0.111 | 0.00226 | <0.002 | 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 |
| | 11/10/2023 | 0.149 | 0.00195(J) | <0.01 | 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 |
| | 5/23/2024 | 0.299 | 0.00837 | 0.000148(J) | 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 |
| | 11/25/2024 | 0.197 | 0.00316(J) | <0.018 | 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 |
| | 5/16/2025 | 0.162 | 0.00346(J) | <0.018 | 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 |
| | 11/21/2025 | 0.15 | 0.0033(J) | <0.01 | n/a | 4.17(J) | 21.1 | <0.01 | 495 | 0.0268 | 0.0509(J) | 10804 | n/a | 7.9 | n/a | 575 | <100 | <10 | <10 | <10 | <10 | <50 |
| LEACHATEBLDGB | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 3/6/2013 | 0.038 | 0.0045 | <0.01 | 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 |
| | 3/5/2014 | 0.036 | 0.0047 | 0.0027 | 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 |
| | 10/9/2014 | 0.044 | 0.00087(J) | <0.001 | 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 |
| | 4/14/2015 | n/a | n/a | n/a | 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 |
| | 4/16/2015 | 0.047 | <0.002 | <0.002 | 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 |
| | 10/16/2015 | 0.045 | 0.000444(J) | <0.002 | 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 |
| | 4/13/2016 | 0.044 | 0.000388(J) | <0.002 | 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 |
| | 12/22/2016 | 0.0483 | 0.000666(J) | 0.000348(J) | 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 |
| | 6/15/2017 | 0.0457 | 0.000438(J) | <0.002 | 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 |
| | 12/1/2017 | 0.0502 | 0.000449(J) | <0.002 | 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 |
| | 5/25/2018 | 0.0447 | n/a | <0.002 | 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 |
| | 11/14/2018 | 0.0516 | 0.000437(J) | <0.002 | 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 |
| | 11/26/2019 | 0.0446 | 0.000591(J) | <0.002 | 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 |
| | 5/15/2020 | 0.0441 | <0.002 | <0.002 | 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 |

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.

| | | Nickel (mg/L) | Selenium (mg/L) | Silver (mg/L) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LEACHATEBLDGB | 11/11/2020 | 0.0277 | 0.000343(J) | <0.002 | 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 |
| (cont.) | 5/14/2021 | 0.0378 | <0.002 | <0.002 | 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 |
| | 11/10/2021 | 0.0307 | <0.002 | <0.002 | 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 |
| | 5/11/2022 | 0.0517 | 0.000431(J) | <0.002 | 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 |
| | 11/10/2022 | 0.0414 | 0.000323(J) | <0.002 | 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 |
| | 5/9/2023 | 0.109 | 0.00374 | 0.000123(J) | 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 |
| | 11/10/2023 | 0.0508 | 0.000459(J) | <0.002 | 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 |
| | 5/23/2024 | 0.0385 | 0.000549(J) | <0.002 | 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 |
| | 11/25/2024 | 0.0798 | 0.000507(J) | <0.002 | 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 |
| | 5/16/2025 | 0.0135 | <0.002 | <0.002 | 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 |
| | 11/21/2025 | 0.00811 | <0.002 | <0.002 | n/a | 1.8(J) | 20.3 | <0.002 | 6.19 | 0.000739(J) | 0.0795 | 570 | n/a | 5.8 | 10 | <50 | <10 | <1 | <1 | <1 | <1 | <5 |
| LEACHATEBLDGC | downgradient | | | | | | | | | | | | | | | | | | | | | |
| | 9/11/2013 | 0.014 | 0.0073 | <0.001 | 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 |
| | 3/5/2014 | 0.02 | 0.0072 | <0.001 | 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 |
| | 10/9/2014 | 0.047 | 0.0012 | <0.001 | 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 |
| | 4/14/2015 | n/a | n/a | n/a | 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 |
| | 4/16/2015 | 0.04 | 0.00049(J) | <0.002 | 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 |
| | 10/16/2015 | 0.0479 | 0.000643(J) | <0.002 | 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 |
| | 4/13/2016 | 0.0434 | 0.000603(J) | <0.002 | 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 |
| | 12/22/2016 | 0.0563 | 0.000959(J) | <0.002 | 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 |
| | 6/15/2017 | 0.0576 | 0.000727(J) | <0.002 | 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 |
| | 12/1/2017 | 0.0627 | 0.00082(J) | <0.002 | 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 |
| | 5/25/2018 | 0.0716 | 0.00102(J) | <0.002 | 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 |
| | 11/14/2018 | 0.0786 | 0.000904(J) | <0.002 | 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 |
| | 5/8/2019 | 0.17 | <0.01 | <0.01 | 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 |
| | 11/26/2019 | 0.109 | 0.00177(J) | <0.002 | 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 |
| | 5/15/2020 | 0.0805 | 0.00138(J) | <0.002 | 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 |
| | 11/11/2020 | 0.117 | <0.018 | <0.018 | 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 |
| | 5/14/2021 | 0.101 | 0.00111(J) | <0.002 | 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 |
| | 11/10/2021 | 0.11 | <0.02 | <0.02 | 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 |
| | 5/11/2022 | 0.127 | 0.00196(J) | <0.002 | 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 |
| | 11/10/2022 | 0.145 | 0.00157(J) | <0.01 | 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 |
| | 5/9/2023 | 0.146 | 0.00232 | <0.002 | 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 |
| | 11/10/2023 | 0.111 | 0.00162(J) | <0.01 | 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 |
| | 5/23/2024 | 0.0722 | 0.00213 | <0.002 | 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 |
| | 11/25/2024 | 0.159 | <0.018 | <0.018 | 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 |
| | 5/16/2025 | 0.142 | <0.018 | <0.002 | 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 |
| | 11/21/2025 | 0.198 | <0.018 | <0.018 | n/a | <250 | 21.6 | <0.018 | 476 | 0.0503 | 0.0669(J) | 10927 | n/a | 7.4 | 90.3 | <50 | <10 | 2.72 | <1 | <1 | <1 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-6 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <5 | <0.1 | <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 | <0.2 |
| | 5/23/1995 | <5 | <0.1 | <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 | <0.2 |
| | 6/29/1995 | <5 | <0.1 | <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 | <0.2 |
| | 7/25/1995 | <5 | <0.1 | <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 | <0.2 |
| | 2/8/1996 | <5 | <0.1 | <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 | <0.2 |
| | 8/6/1996 | <5 | <0.1 | <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 | <0.2 |
| | 2/26/1997 | <5 | <0.1 | <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 | <0.2 |
| | 9/10/1997 | <5 | <0.1 | <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 | <0.2 |
| MW-6R | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/23/1998 | <5 | <0.1 | <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 | <0.2 |
| | 3/16/1999 | <5 | <0.1 | <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 | <0.2 |
| | 9/29/1999 | <5 | <0.1 | <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 | <0.2 |
| | 3/14/2000 | <5 | <0.1 | <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 | <0.2 |
| | 9/20/2000 | <5 | <0.1 | <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 | <0.2 |
| | 3/21/2001 | <5 | <0.1 | <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 | <0.2 |
| | 9/26/2001 | <5 | <0.1 | <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 | <0.2 |
| | 3/27/2002 | <5 | <0.1 | <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 | <0.2 |
| | 9/25/2002 | <5 | <0.1 | <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 | <0.2 |
| | 4/1/2003 | <5 | <0.1 | <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 | <0.2 |
| | 9/17/2003 | <5 | <0.1 | <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 | <0.2 |
| | 3/24/2004 | <5 | <0.1 | <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 | <0.2 |
| | 9/14/2004 | <5 | <0.1 | <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 | <0.3 |
| | 3/9/2005 | <5 | <0.1 | <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 | <0.3 |
| | 9/28/2005 | <5 | <0.1 | <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 | <0.06 |
| | 3/15/2006 | <5 | <0.1 | <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 | <0.1 |
| | 9/20/2006 | <5 | <0.1 | <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 | <0.1 |
| | 3/6/2007 | <5 | <0.1 | <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 | <0.1 |
| | 9/19/2007 | <5 | <0.1 | <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 | <0.1 |
| | 4/1/2008 | <5 | <0.5 | <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 | <0.1 |
| | 9/18/2008 | <5 | <0.5 | <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 | <0.1 |
| | 3/17/2009 | <5 | <0.5 | <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 | <0.1 |
| | 10/7/2009 | <5 | <0.5 | <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 | <0.1 |
| | 3/16/2010 | <5 | <0.5 | <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 | <0.1 |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 3/13/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/5/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.73 |
| | 6/9/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-8 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <5 | <0.1 | <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 | <0.2 |
| | 5/23/1995 | <5 | <0.1 | <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 | <0.2 |
| | 6/29/1995 | <5 | <0.1 | <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 | <0.2 |
| | 7/25/1995 | <5 | <0.1 | <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 | <0.2 |
| | 2/8/1996 | <5 | <0.1 | <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 | <0.2 |

B: analyte was detected in associated blank sample.

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O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-8 | 8/6/1996 | <5 | <0.1 | <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 | <0.2 |
| (cont.) | 2/26/1997 | <5 | <0.1 | <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 | <0.2 |
| | 9/10/1997 | <5 | <0.1 | <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 | <0.2 |
| | 4/9/1998 | <5 | <0.1 | <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 | <0.2 |
| | 9/23/1998 | <5 | <0.1 | <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 | <0.2 |
| | 3/16/1999 | <5 | <0.1 | <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 | <0.2 |
| | 9/29/1999 | <5 | <0.1 | <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 | <0.2 |
| | 3/14/2000 | <5 | <0.1 | <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 | <0.2 |
| | 9/20/2000 | <5 | <0.1 | <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 | <0.2 |
| | 3/21/2001 | <5 | <0.1 | <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 | <0.2 |
| | 9/26/2001 | <5 | 2.2 | <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 | <0.2 |
| | 3/27/2002 | <5 | <0.1 | <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 | <0.2 |
| | 9/25/2002 | <5 | <0.1 | <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 | <0.2 |
| | 4/1/2003 | <5 | <0.1 | <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 | <0.2 |
| | 9/17/2003 | <5 | <0.1 | <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 | <0.2 |
| | 3/24/2004 | <5 | <0.1 | <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 | <0.2 |
| | 9/14/2004 | <5 | <0.1 | <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 | <0.3 |
| | 3/9/2005 | <5 | <0.1 | <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 | <0.3 |
| | 9/28/2005 | <0.26 | <0.25 | <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 | <0.2 |
| | 3/15/2006 | <5 | <0.1 | <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 | <0.1 |
| | 9/20/2006 | <5 | <0.1 | <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 | <0.1 |
| | 3/6/2007 | <5 | <0.1 | <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 | <0.1 |
| | 9/19/2007 | <5 | <0.1 | <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 | <0.1 |
| | 4/1/2008 | <5 | <0.5 | <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 | <0.1 |
| | 9/18/2008 | <5 | <0.5 | <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 | <0.1 |
| | 3/17/2009 | <5 | <0.5 | <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 | <0.1 |
| | 10/7/2009 | <5 | <0.5 | <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 | <0.1 |
| | 3/16/2010 | <5 | <0.5 | <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 | <0.1 |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/5/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/16/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/15/2017 | <15 | 0.278(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-9 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <5 | <0.1 | <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 | <0.2 |
| | 5/23/1995 | <5 | <0.1 | <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 | <0.2 |
| | 6/29/1995 | <5 | <0.1 | <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 | <0.2 |
| | 7/25/1995 | <5 | <0.1 | <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 | <0.2 |
| | 2/8/1996 | <5 | <0.1 | <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 | <0.2 |
| | 8/6/1996 | <5 | <0.1 | <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 | <0.2 |
| | 2/26/1997 | <5 | <0.1 | <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 | <0.2 |
| | 9/10/1997 | <5 | <0.1 | <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 | <0.2 |
| | 4/9/1998 | <5 | <0.1 | <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 | <0.2 |
| | 9/23/1998 | <5 | <0.1 | <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 | <0.2 |
| | 3/16/1999 | <5 | <0.1 | <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 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9 | 9/29/1999 | <5 | <0.1 | <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 | <0.2 |
| (cont.) | 3/14/2000 | <5 | <0.1 | <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 | <0.2 |
| | 9/20/2000 | <5 | <0.1 | <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 | <0.2 |
| | 3/21/2001 | <5 | <0.1 | <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 | <0.2 |
| | 9/26/2001 | <5 | <0.1 | <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 | <0.2 |
| | 3/27/2002 | <5 | <0.1 | <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 | <0.2 |
| | 9/25/2002 | <5 | <0.1 | <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 | <0.2 |
| | 4/1/2003 | <5 | <0.1 | <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 | <0.2 |
| | 9/17/2003 | <5 | <0.1 | <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 | <0.2 |
| | 3/24/2004 | <5 | <0.1 | <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 | <0.2 |
| | 9/14/2004 | <5 | <0.1 | <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 | <0.3 |
| | 3/9/2005 | <5 | <0.1 | <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 | <0.3 |
| | 9/28/2005 | <5 | <0.1 | <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 | <0.06 |
| | 3/15/2006 | <5 | <0.1 | <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 | <0.1 |
| | 9/20/2006 | <5 | <0.1 | <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 | <0.1 |
| | 3/6/2007 | <5 | <0.1 | <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 | <0.1 |
| | 9/19/2007 | <5 | <0.1 | <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 | <0.1 |
| | 4/1/2008 | <5 | <0.5 | <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 | <0.1 |
| | 9/18/2008 | <5 | <0.5 | <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 | <0.1 |
| | 3/17/2009 | <5 | <0.5 | <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 | <0.1 |
| | 10/7/2009 | <5 | <0.5 | <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 | <0.1 |
| | 3/16/2010 | <5 | <0.5 | <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 | <0.1 |
| MW-9R | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 12/30/2010 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 | <1 | <2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/9/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/3/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/13/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/6/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/12/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/5/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.39(J) |
| | 10/9/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/22/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/12/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | 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 | n/a | n/a | n/a |
| (cont.) | 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 | 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 | 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 | 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 | n/a | n/a | n/a |
| | 11/29/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/25/2018 | <15 | 0.428(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/13/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/7/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/26/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/15/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/11/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/13/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2021 | <10 | 0.114(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/11/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.342(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/9/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/22/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/21/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/15/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/19/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | 0.504(J) | <1 | <1 | <1 | <1 | <1 | <1 |
| | 1/28/2026 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 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-14 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <5 | <0.1 | <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 | <0.2 |
| | 5/23/1995 | <5 | <0.1 | <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 | <0.2 |
| | 6/29/1995 | <5 | <0.1 | <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 | <0.2 |
| | 7/25/1995 | <5 | <0.1 | <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 | <0.2 |
| | 2/8/1996 | <5 | <0.1 | <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 | <0.2 |
| | 8/6/1996 | <5 | <0.1 | <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 | <0.2 |
| | 2/26/1997 | <5 | <0.1 | <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 | <0.2 |
| | 9/10/1997 | <5 | <0.1 | <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 | <0.2 |
| | 4/9/1998 | <5 | <0.1 | <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 | <0.2 |
| | 9/23/1998 | <5 | <0.1 | <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 | <0.2 |
| | 3/16/1999 | <5 | <0.1 | <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 | <0.2 |
| | 9/29/1999 | <5 | <0.1 | <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 | <0.2 |
| | 3/14/2000 | <5 | <0.1 | <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 | <0.2 |
| | 9/20/2000 | <5 | <0.1 | <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 | <0.2 |
| | 3/21/2001 | <5 | <0.1 | <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 | <0.2 |
| | 9/26/2001 | <5 | <0.1 | <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 | <0.2 |
| | 3/27/2002 | <5 | <0.1 | <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 | <0.2 |
| | 9/25/2002 | <5 | <0.1 | <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 | <0.2 |
| | 4/1/2003 | <5 | <0.1 | <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 | <0.2 |
| | 9/17/2003 | <5 | <0.1 | <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 | <0.2 |
| | 3/24/2004 | <5 | <0.1 | <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 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-14R | upgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/14/2004 | <5 | <0.1 | <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 | <0.3 |
| | 3/9/2005 | <5 | <0.1 | <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 | <0.3 |
| | 9/28/2005 | <5 | <0.1 | <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 | <0.06 |
| | 3/15/2006 | <5 | <0.1 | <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 | <0.1 |
| | 9/20/2006 | <5 | <0.1 | <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 | <0.1 |
| | 3/6/2007 | <5 | <0.1 | <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 | <0.1 |
| | 9/19/2007 | <5 | <0.1 | <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 | <0.1 |
| | 4/1/2008 | <5 | <0.5 | <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 | <0.1 |
| | 9/18/2008 | <5 | <0.5 | <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 | <0.1 |
| | 3/17/2009 | <5 | <0.5 | <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 | <0.1 |
| | 10/7/2009 | <5 | <0.5 | <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 | <0.1 |
| | 3/16/2010 | <5 | <0.5 | <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 | <0.1 |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 3/9/2011 | <15 | <1 | <1 | <1 | <5 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/13/2011 | <15 | <1 | <1 | <1 | <5 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2012 | <15 | <1 | <1 | <1 | <5 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <5 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/5/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/10/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/4/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/6/2014 | <15 | 0.59(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/14/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5(B) | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/14/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/12/2016 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 12/20/2016 | <15 | 0.642(BJ) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/13/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/29/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/23/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/12/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/6/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/25/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/13/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/12/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 11/8/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/9/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/8/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/8/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/21/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/19/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-14R | 5/7/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| (cont.) | 11/18/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-16 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <5 | <0.1 | <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 | <0.2 |
| | 5/23/1995 | 5 | 0.1 | 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 | 0.2 |
| | 6/29/1995 | <5 | <0.1 | <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 | <0.2 |
| | 7/25/1995 | <5 | <0.1 | <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 | <0.2 |
| | 2/8/1996 | <5 | <0.1 | <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 | <0.2 |
| | 8/6/1996 | <5 | <0.1 | <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 | <0.2 |
| | 2/26/1997 | <5 | <0.1 | <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 | <0.2 |
| | 9/10/1997 | <5 | <0.1 | <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 | <0.2 |
| | 4/9/1998 | <5 | <0.1 | <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 | <0.2 |
| | 9/23/1998 | <5 | <0.1 | <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 | <0.2 |
| | 3/16/1999 | <5 | <0.1 | <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 | <0.2 |
| | 9/29/1999 | <5 | <0.1 | <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 | <0.2 |
| | 3/14/2000 | <5 | <0.1 | <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 | <0.2 |
| | 9/20/2000 | <5 | <0.1 | <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 | <0.2 |
| | 3/21/2001 | <5 | <0.1 | <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 | <0.2 |
| | 9/26/2001 | <5 | <0.1 | <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 | <0.2 |
| | 3/27/2002 | <5 | <0.1 | <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 | <0.2 |
| | 9/25/2002 | <5 | <0.1 | <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 | <0.2 |
| | 4/1/2003 | <5 | <0.1 | <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 | <0.2 |
| | 9/17/2003 | <5 | <0.1 | <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 | <0.2 |
| | 3/24/2004 | <5 | <0.1 | <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 | <0.2 |
| | 9/14/2004 | <5 | <0.1 | <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 | <0.3 |
| | 3/9/2005 | <5 | <0.1 | <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 | <0.3 |
| | 9/28/2005 | <5 | <0.1 | <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 | <0.06 |
| | 3/15/2006 | <5 | <0.1 | <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 | <0.1 |
| | 9/20/2006 | <5 | <0.1 | <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 | <0.1 |
| | 3/6/2007 | <5 | <0.1 | <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 | <0.1 |
| | 9/19/2007 | <5 | <0.1 | <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 | <0.1 |
| | 4/1/2008 | <5 | <0.5 | <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 | <0.1 |
| | 9/18/2008 | <5 | <0.5 | <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 | <0.1 |
| | 3/17/2009 | <5 | <0.5 | <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 | <0.1 |
| | 10/7/2009 | <5 | <0.5 | <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 | <0.1 |
| | 3/16/2010 | <5 | <0.5 | <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 | <0.1 |
| MW-16R | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 12/30/2010 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/9/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/3/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/13/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/5/2013 | <15 | 0.3(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-16R | 9/11/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| (cont.) | 3/4/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/23/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/21/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/16/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/14/2016 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 12/20/2016 | <15 | 0.661(BJ) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/15/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 12/1/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/24/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/12/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/7/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/26/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/14/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/11/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/18/2021 | <10 | <1 | <1 | <1 | <1 | <5 | 0.3(J) | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/9/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 11/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/9/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 11/10/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/22/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | 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 | n/a | n/a | n/a |
| | 11/20/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/15/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/18/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-17 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <5 | <0.1 | <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 | <0.2 |
| | 5/23/1995 | <5 | <0.1 | <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 | <0.2 |
| | 6/29/1995 | <5 | <0.1 | <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 | <0.2 |
| | 7/25/1995 | <5 | <0.1 | <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 | <0.2 |
| | 2/8/1996 | <5 | <0.1 | <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 | <0.2 |
| | 8/6/1996 | <5 | <0.1 | <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 | <0.2 |
| | 2/26/1997 | <5 | <0.1 | <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 | <0.2 |
| | 9/10/1997 | <5 | <0.1 | <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 | <0.2 |
| | 4/9/1998 | <5 | <0.1 | <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 | <0.2 |
| | 9/23/1998 | <5 | <0.1 | <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 | <0.2 |
| | 3/16/1999 | <5 | <0.1 | <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 | <0.2 |
| | 9/29/1999 | <5 | <0.1 | <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 | <0.2 |
| | 3/14/2000 | <5 | <0.1 | <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 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-17 | 9/20/2000 | <5 | <0.1 | <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 | <0.2 |
| (cont.) | 3/21/2001 | <5 | <0.1 | <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 | <0.2 |
| | 9/26/2001 | <5 | 4 | <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 | <0.2 |
| | 3/27/2002 | <5 | 13.1 | <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 | <0.2 |
| | 9/25/2002 | <5 | <0.1 | <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 | <0.2 |
| | 4/1/2003 | <5 | 1.6 | <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 | <0.2 |
| | 9/17/2003 | <5 | 2.3 | <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 | <0.2 |
| MW-17R | upgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/14/2004 | <5 | <0.1 | <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 | <0.3 |
| | 3/9/2005 | <5 | <0.1 | <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 | <0.3 |
| | 9/28/2005 | <5 | <0.1 | <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 | <0.06 |
| | 3/15/2006 | <5 | <0.1 | <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 | <0.1 |
| | 9/20/2006 | <5 | <0.1 | <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 | <0.1 |
| | 3/6/2007 | <5 | <0.1 | <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 | <0.1 |
| | 9/19/2007 | <5 | <0.1 | <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 | <0.1 |
| | 4/1/2008 | <5 | <0.5 | <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 | <0.1 |
| | 9/18/2008 | <5 | <0.5 | <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 | <0.1 |
| | 3/17/2009 | <5 | <0.5 | <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 | <0.1 |
| | 10/7/2009 | <5 | <0.5 | <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 | <0.1 |
| | 3/16/2010 | <5 | <0.5 | <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 | <0.1 |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 3/9/2011 | <15 | <1 | <1 | <1 | <5 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/13/2011 | <15 | <1 | <1 | <1 | <5 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2012 | <15 | <1 | <1 | <1 | <5 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <5 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/5/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/11/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/5/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/9/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/21/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/14/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/12/2016 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 12/20/2016 | <15 | 0.558(BJ) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 6/14/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/29/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/23/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 11/9/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/6/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 11/25/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/14/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-17R | 5/12/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| (cont.) | 11/9/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/8/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/9/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/21/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 11/20/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/8/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/18/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-18 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <5 | <0.1 | <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 | <0.2 |
| | 5/23/1995 | <5 | <0.1 | <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 | <0.2 |
| | 6/29/1995 | <5 | <0.1 | <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 | <0.2 |
| | 7/25/1995 | <5 | <0.1 | <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 | <0.2 |
| | 2/8/1996 | <5 | <0.1 | <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 | <0.2 |
| | 8/6/1996 | <5 | <0.1 | <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 | <0.2 |
| | 2/26/1997 | <5 | <0.1 | <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 | <0.2 |
| | 9/10/1997 | <5 | <0.1 | <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 | <0.2 |
| | 4/9/1998 | <5 | <0.1 | <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 | <0.2 |
| | 9/23/1998 | <5 | <0.1 | <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 | <0.2 |
| | 3/16/1999 | <5 | <0.1 | <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 | <0.2 |
| | 9/29/1999 | <5 | <0.1 | <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 | <0.2 |
| | 3/14/2000 | <5 | <0.1 | <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 | <0.2 |
| | 9/20/2000 | <5 | <0.1 | <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 | <0.2 |
| | 3/21/2001 | <5 | <0.1 | <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 | <0.2 |
| | 9/26/2001 | <5 | <0.1 | <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 | <0.2 |
| | 3/27/2002 | <5 | <0.1 | <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 | <0.2 |
| | 9/25/2002 | <5 | <0.1 | <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 | <0.2 |
| | 4/1/2003 | <5 | <0.1 | <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 | <0.2 |
| | 9/17/2003 | <5 | <0.1 | <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 | <0.2 |
| MW-19 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 12/30/2010 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/9/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/3/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/13/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/5/2013 | <15 | 0.7(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/11/2013 | <15 | 0.73(J) | <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 | <1 |
| | 11/20/2013 | n/a | n/a | 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 | 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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-19 | 3/4/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.4(J) |
| (cont.) | 6/9/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.45(J) |
| | 10/9/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/21/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/16/2015 | <15 | 0.314(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 4/14/2016 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 12/22/2016 | <15 | 0.518(BJ) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 6/15/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 12/1/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/24/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/12/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/7/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/26/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/14/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/13/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/9/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/9/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/9/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/21/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/20/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/8/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/18/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-20 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 12/30/2010 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.256 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/9/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/3/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/13/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/6/2013 | <15 | 0.37(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/12/2013 | <15 | 0.55(J) | <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 | <1 |
| | 11/20/2013 | n/a | n/a | 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 | n/a |
| | 3/5/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.39(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.5(J) |
| | 6/9/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.54(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/23/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.46(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/21/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.76(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/15/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.651(J) | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-20 | 4/13/2016 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.431(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| (cont.) | 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 | n/a | n/a | n/a |
| | 12/20/2016 | <15 | 0.549(BJ) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.366(J) | <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 | n/a | n/a | n/a |
| | 6/14/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.263(J) | <1 | <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 | n/a | n/a | n/a |
| | 12/1/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.639(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/24/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.475(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/13/2018 | <15 | <1 | <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 |
| | 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 | n/a | n/a | n/a |
| | 5/7/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.502(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/26/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.927(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/14/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.323(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-20R | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 5/13/2021 | <10 | 0.218(J) | <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 | <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 | 1.5 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 11/9/2021 | <10 | <1 | <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 |
| | 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 | 1.91 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 5/11/2022 | <10 | <1 | <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 | <1 |
| | 11/10/2022 | <10 | <1 | <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 | <1 |
| | 5/8/2023 | <10 | 0.15(J) | <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 | <1 |
| | 11/10/2023 | <10 | <1 | <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 | <1 |
| | 5/22/2024 | <10 | <1 | <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 | <1 |
| | 11/20/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.688(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/8/2025 | <10 | <1 | <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 | <1 |
| | 11/19/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 1.5 | <1 | 0.444(J) | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-21 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | <5 | <0.5 | <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 | <0.1 |
| | 12/30/2010 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/9/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/3/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/13/2011 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/26/2012 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/6/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 9/12/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/6/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/8/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/22/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/14/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/13/2016 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 12/20/2016 | <15 | 0.438(BJ) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/14/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/29/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.283(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/24/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

B: analyte was detected in associated blank sample.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-21 | 11/13/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.299(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| (cont.) | 5/7/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/26/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/14/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.183(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/14/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.164(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2021 | <10 | 0.0991(J) | <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 | <1 |
| | 5/11/2022 | <10 | <1 | <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 | <1 |
| | 11/10/2022 | <10 | <1 | <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 | <1 |
| | 5/8/2023 | <10 | 0.169(J) | <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 | <1 |
| | 11/9/2023 | <10 | <1 | <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 |
| | 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 | n/a | n/a | n/a |
| | 5/22/2024 | <10 | <1 | <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 | <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 | n/a | n/a | n/a |
| | 11/22/2024 | <10 | <1 | <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 | <1 |
| | 5/6/2025 | <10 | <1 | <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 | <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 | n/a | n/a | n/a |
| | 11/21/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-22 | upgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 11/28/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 3/8/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/23/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 8/20/2018 | <15 | 0.315(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/9/2018 | <15 | 0.415(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 1/29/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/6/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 7/23/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/25/2019 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/13/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.754(J) | <1 | <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 | n/a | n/a | n/a |
| | 11/9/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/12/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/8/2021 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/10/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/9/2022 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/8/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/8/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/21/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 11/19/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 5/7/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-22 | 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 | n/a | n/a | n/a |
| (cont.) | 11/18/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-23 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/22/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/12/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/6/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 8/18/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/19/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-24 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/22/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/12/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/6/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 8/18/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/19/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-25 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/25/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/6/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 8/18/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/19/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-26 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/21/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/15/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 8/19/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/21/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-27R | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.225(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/21/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.296(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.277(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/15/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.312(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 8/19/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/21/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-28 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <10 | 0.098(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/25/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 3/13/2025 | 2.53(J) | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.133(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/16/2025 | <10 | 0.212(BJ) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.129(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MW-29 | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | 2.25(J) | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/25/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-29 | 3/13/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| (cont.) | 5/16/2025 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| LEACHATEBLDGA | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/6/2013 | 18 | 0.96 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 4.1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 2.5 |
| | 9/11/2013 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 2.4 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 2.1 |
| | 3/5/2014 | <15 | <1 | <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 | 13 |
| | 10/9/2014 | <15 | <1 | <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 | <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 | n/a | n/a | n/a |
| | 4/16/2015 | 2800 | 3.5 | <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 | 9.1 |
| | 10/16/2015 | 6.38(J) | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 3.47 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 1.49 |
| | 4/13/2016 | <15 | <1 | <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 | 1.02 |
| | 12/22/2016 | <15 | 0.421(BJ) | <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 | 3.14 |
| | 6/15/2017 | 3380 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 3.95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 8.99 |
| | 12/1/2017 | 869 | <5 | <5 | <5 | <5 | <25 | <25 | <12.5 | <25 | <5 | <5 | <12.5 | <5 | 4.73(J) | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | 9.05 |
| | 5/25/2018 | 1530 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 9.89 |
| | 11/14/2018 | 777 | <1 | <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 | 7.2 |
| | 5/8/2019 | 1300 | 0.538(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 4.34 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 12.4 |
| | 11/26/2019 | 717 | <5 | <5 | <5 | <5 | <25 | <25 | <12.5 | <25 | <5 | <5 | <12.5 | <5 | 6.85 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | 13.9 |
| | 5/15/2020 | 1430 | <5 | <5 | <5 | <5 | <25 | <25 | <12.5 | <25 | <5 | <5 | <12.5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | 6.8 |
| | 11/11/2020 | 381 | <5 | <5 | <5 | <5 | <25 | <25 | <12.5 | <25 | <5 | <5 | <12.5 | <5 | 4.61(J) | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | 12.8 |
| | 5/14/2021 | 7590 | 0.86(J) | <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 | 12.5 |
| | 11/10/2021 | 4040 | 2.77 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 5.82 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 16.8 |
| | 5/11/2022 | 2560 | 1.06(J) | <10 | <10 | <10 | <50 | <50 | <25 | <50 | <10 | <10 | <25 | <10 | 4.53(J) | <10 | 1.82(J) | <10 | <10 | <10 | <10 | <10 | <10 | 12 |
| | 11/10/2022 | 763 | <10 | <10 | <10 | <10 | <50 | <50 | <25 | <50 | <10 | <10 | <25 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | 4.31(J) |
| | 5/9/2023 | 863 | 0.696(J) | <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 | 6.99 |
| | 11/10/2023 | 577 | <10 | <10 | <10 | <10 | <50 | <50 | <25 | <50 | <10 | <10 | <25 | <10 | 3.5(J) | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | 6.51(J) |
| | 5/23/2024 | 1130 | 4.01 | <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 | 14.7 |
| | 11/25/2024 | 11600 | 16.5(J) | <100 | <100 | <100 | <500 | <500 | <250 | <500 | <100 | <100 | <250 | <100 | 36.2(J) | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | 38.3(J) |
| | 5/16/2025 | 2060 | <10 | <10 | <10 | <10 | <50 | <50 | <25 | <50 | <10 | <10 | <25 | <10 | 5.75(J) | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | 8.25(J) |
| | 11/21/2025 | 833 | <10 | <10 | <10 | <10 | <50 | <50 | <50 | <50 | <10 | <10 | <25 | <10 | 5.73(J) | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | 11.1 |
| LEACHATEBLDGB | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 3/6/2013 | 6.6 | <1 | <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 | <1 |
| | 3/5/2014 | <15 | <1 | <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 | <1 |
| | 10/9/2014 | <15 | <1 | <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 | <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 | n/a | n/a | n/a |
| | 4/16/2015 | 9200 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 2 | 1.8 | <1 | 1.3 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/16/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 2.3 | 1.1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/13/2016 | <15 | <1 | <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 | <1 |
| | 12/22/2016 | <15 | 0.765(BJ) | <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 | <1 |
| | 6/15/2017 | 6.33(J) | <1 | <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 | 0.53(J) |
| | 12/1/2017 | <15 | <1 | <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 | <1 |
| | 5/25/2018 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 1.29 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/14/2018 | 47.5 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 6.03 | 1.86 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/26/2019 | <15 | <1 | <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 | <1 |
| | 5/15/2020 | 3.82(J) | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.651(J) | <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.

| | | 2-Butanone [MEK] (ug/L) | Carbon disulfide (ug/L) | 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) | Ethylbenzene (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LEACHATEBLDGB | 11/11/2020 | <10 | <1 | <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 | <1 |
| (cont.) | 5/14/2021 | <10 | <1 | <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 | 0.147(J) |
| | 11/10/2021 | <10 | 0.0994(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | 0.365(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/11/2022 | <10 | <1 | <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 | <1 |
| | 11/10/2022 | <10 | <1 | <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 | <1 |
| | 5/9/2023 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 0.655(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/10/2023 | <10 | 0.11(J) | <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 | <1 |
| | 5/23/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 1.66 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/25/2024 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 0.878(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/16/2025 | 6.69(J) | <1 | <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 | <1 |
| | 11/21/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| LEACHATEBLDGC | downgradient | | | | | | | | | | | | | | | | | | | | | | | |
| | 9/11/2013 | 180 | 0.55 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.55 |
| | 3/5/2014 | 250 | 0.31(J) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | 0.47(J) | <1 | <1 | <1 | <1 | <1 | 3.2 |
| | 10/9/2014 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <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 | n/a | n/a | n/a |
| | 4/16/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 10/16/2015 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 4/13/2016 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 12/22/2016 | <15 | 0.6(BJ) | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 6/15/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 12/1/2017 | <15 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 5/25/2018 | 7.57(J) | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/14/2018 | <15 | <1 | <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 | <1 |
| | 5/8/2019 | 3510 | 2.08 | <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 | 3.6 |
| | 11/26/2019 | 8.43(J) | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | 0.298(J) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 0.405(J) |
| | 5/15/2020 | <10 | <1 | <1 | <1 | <1 | <5 | <5 | <2.5 | <5 | <1 | <1 | <2.5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | 11/11/2020 | <10 | <1 | <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 | <1 |
| | 5/14/2021 | <50 | <5 | <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 | <5 |
| | 11/10/2021 | <10 | <1 | <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 | <1 |
| | 5/11/2022 | 98.2 | <5 | <5 | <5 | <5 | <25 | <25 | <12.5 | <25 | <5 | <5 | <12.5 | <5 | <5 | <5 | 0.672(J) | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| | 11/10/2022 | 68.1(J) | <10 | <10 | <10 | <10 | <50 | <50 | <25 | <50 | <10 | <10 | <25 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | 8.87(J) |
| | 5/9/2023 | 14 | 0.55(J) | <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 | <1 |
| | 11/10/2023 | 38.3 | <1 | <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 | <1 |
| | 5/23/2024 | 5560 | 1.11 | <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 | 12.2 |
| | 11/25/2024 | 328 | 0.615(J) | <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 | 7.9 |
| | 5/16/2025 | <10 | 0.28(J) | <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 | <1 |
| | 11/21/2025 | <20 | <1 | <1 | <1 | <1 | <5 | <5 | <5 | <5 | <1 | <1 | <2.5 | <1 | 0.57(J) | <1 | 0.582(J) | <1 | 0.507(J) | <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.

| | | 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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/26/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/5/2014 | <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 | <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 | <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 | <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 | <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 | <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 | <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.

| | | 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 | 8/6/1996 | <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.) | 2/26/1997 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <0.05 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/5/2014 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 10/16/2015 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 6/15/2017 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9 | 9/29/1999 | <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.) | 3/14/2000 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <10 | <1 | <1 | <1 | <1 | <1 | <0.001 | 0.214 | <1 | <1 | <0.001 | <1 | <1 | <10 | <1 | <1 |
| | 3/9/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 6/3/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/13/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | 0.32 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/13/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/26/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/6/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 9/12/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/5/2014 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/22/2015 | <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 | <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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 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 |

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.

| | | 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 | 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 |
| (cont.) | 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 |
| | 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 |
| | 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 |
| | 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 |
| | 11/29/2017 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/25/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/13/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/7/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/26/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/15/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/11/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/13/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | 0.000321(J) | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2021 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2022 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/9/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/22/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/21/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/15/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/19/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 1/28/2026 | n/a | n/a | n/a | n/a | n/a | 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-14 | downgradient | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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.

| | | 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 | upgradient | | | | | | | | | | | | | | | | | |
| | 9/14/2004 | <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 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/13/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/13/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/26/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/5/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 9/10/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/4/2014 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/14/2015 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 10/14/2015 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/12/2016 | <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 |
| | 12/20/2016 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 6/13/2017 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/29/2017 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/23/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/12/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/6/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/25/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/13/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/12/2021 | <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 | 0.000665(J) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| | 11/8/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <0.01 | <1 | <3 |
| | 5/10/2022 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/9/2022 | <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 |
| | 5/8/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/8/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/21/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/19/2024 | <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.

| | | 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 | 5/7/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| (cont.) | 11/18/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-16 | downgradient | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <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 | 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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <10 | <1 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <1 | <1 | <10 | <1 | <1 |
| | 3/9/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 6/3/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/13/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/13/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/26/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/5/2013 | <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.

| | | 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-16R | 9/11/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| (cont.) | 3/4/2014 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/21/2015 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/14/2016 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 12/20/2016 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 6/15/2017 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 12/1/2017 | <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 |
| | 5/24/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/12/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/7/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/26/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/14/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/11/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/18/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/9/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <0.01 | <1 | <3 |
| | 5/10/2022 | <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 |
| | 11/10/2022 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/9/2023 | <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 |
| | 11/10/2023 | <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 |
| | 5/22/2024 | <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 |
| | 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 |
| | 11/20/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/15/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/18/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-17 | downgradient | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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.

| | | 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 | 9/20/2000 | <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.) | 3/21/2001 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <0.6 | <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 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/13/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/13/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/26/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/5/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 9/11/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/5/2014 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/21/2015 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/12/2016 | <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 |
| | 12/20/2016 | <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 |
| | 6/14/2017 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/29/2017 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/23/2018 | <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 |
| | 11/9/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/6/2019 | <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 |
| | 11/25/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/14/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2020 | <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.

| | | 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 | 5/12/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| (cont.) | 11/9/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/10/2022 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2022 | <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 |
| | 5/8/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/9/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/21/2024 | <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 |
| | 11/20/2024 | <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 |
| | 5/8/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/18/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-18 | downgradient | | | | | | | | | | | | | | | | | |
| | 3/16/1995 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <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 | <0.6 | <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 | <10 | <1 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <1 | <1 | <10 | <1 | <1 |
| | 3/9/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 6/3/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/13/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/13/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/26/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/5/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 9/11/2013 | <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 |

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.

| | | 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 | <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 | <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 | <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 | <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 | <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 |
| | 4/14/2016 | <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 |
| | 12/22/2016 | <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 |
| | 6/15/2017 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 12/1/2017 | <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 |
| | 5/24/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/12/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/7/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/26/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/14/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/13/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/9/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/10/2022 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2022 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/9/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/9/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/21/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/20/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/8/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/18/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-20 | downgradient | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | <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 | <10 | <1 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <1 | <1 | <10 | <1 | <1 |
| | 3/9/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 6/3/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/13/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/13/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/26/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/6/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 9/12/2013 | <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 |
| | 3/5/2014 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 10/23/2014 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/21/2015 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 10/15/2015 | <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.

| | | 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 | 4/13/2016 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| (cont.) | 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 |
| | 12/20/2016 | <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 |
| | 6/14/2017 | <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 |
| | 12/1/2017 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/24/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/13/2018 | <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 |
| | 5/7/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/26/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/14/2020 | <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 | <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 |
| | 11/9/2021 | <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 |
| | 5/11/2022 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/8/2023 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/22/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/20/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/8/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/19/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-21 | downgradient | | | | | | | | | | | | | | | | | |
| | 9/28/2010 | <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 | <10 | <1 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <1 | <1 | <10 | <1 | <1 |
| | 3/9/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 6/3/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/13/2011 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/13/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 9/26/2012 | <5 | <5 | <5 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <5 | <1 | <3 |
| | 3/6/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 9/12/2013 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/6/2014 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/22/2015 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/13/2016 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 12/20/2016 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 6/14/2017 | <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 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | 0.412(J) | <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.

| | | 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 | 11/13/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| (cont.) | 5/7/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/26/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/14/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/14/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <0.01 | <1 | <3 |
| | 5/11/2022 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/8/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/9/2023 | <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 |
| | 5/22/2024 | <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 |
| | 11/22/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/6/2025 | <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 |
| | 11/21/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-22 | upgradient | | | | | | | | | | | | | | | | | |
| | 11/28/2017 | <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 |
| | 3/8/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/23/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 8/20/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/9/2018 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 1/29/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/6/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 7/23/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/25/2019 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/13/2020 | <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 |
| | 11/9/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/12/2021 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/8/2021 | <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 |
| | 5/10/2022 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/9/2022 | <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 |
| | 5/8/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/8/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/21/2024 | <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 |
| | 11/19/2024 | <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 |
| | 5/7/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |

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| | | 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-22 | 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 |
| (cont.) | 11/18/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-23 | downgradient | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/22/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/12/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/6/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 8/18/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/19/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-24 | downgradient | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/22/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/12/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/6/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 8/18/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/19/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-25 | downgradient | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/25/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/13/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/6/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 8/18/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/19/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-26 | downgradient | | | | | | | | | | | | | | | | | |
| | 9/24/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/21/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/13/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/15/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 8/19/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/21/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-27R | downgradient | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/21/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/13/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/15/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 8/19/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/21/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| MW-28 | downgradient | | | | | | | | | | | | | | | | | |
| | 9/25/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/25/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/13/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/16/2025 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/25/2024 | <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.

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O: value is a statistical outlier; not used in statistics.

R: value was rejected due to suspected error; not used in statistics.

| | | 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-29 | 3/13/2025 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| (cont.) | 5/16/2025 | <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 | <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 | <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 | <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 | <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 |
| | 4/16/2015 | 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 | <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 | <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 | <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 | <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 | <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 | 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 | <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 | 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 | <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 | 6.43(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 | <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 | 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 | 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 | 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 | <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 | 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 | <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 | 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 | <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 | 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) |
| | 11/21/2025 | <200 | <300 | <200 | <50 | <10 | <10 | <10 | <0.01 | 7.57(J) | <10 | <10 | <0.01 | <50 | <25 | <100 | <10 | 15.6(J) |
| LEACHATEBLDGB | downgradient | | | | | | | | | | | | | | | | | |
| | 3/6/2013 | <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 | <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 | <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 |
| | 4/16/2015 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | 0.00056(J) | <5 | <2.5 | <10 | <1 | <3 |
| | 10/16/2015 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/13/2016 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 6/15/2017 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/25/2018 | <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 | <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 | <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 | <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.

| | | 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 | 11/11/2020 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| (cont.) | 5/14/2021 | <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 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2022 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/9/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/10/2023 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 5/23/2024 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 11/25/2024 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | 0.379(J) |
| | 11/21/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| LEACHATEBLDGC | downgradient | | | | | | | | | | | | | | | | | |
| | 9/11/2013 | <10 | <10 | 36 | <5 | <1 | <1 | <1 | <0.001 | 58 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 3/5/2014 | <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 | <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 |
| | 4/16/2015 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <5 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | <3 |
| | 4/13/2016 | <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 | <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 | <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 | <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 | <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 | <10 | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | 4.28 |
| | 5/8/2019 | <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 | <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 | 1.64(J) | <10 | <10 | <5 | <1 | <1 | <1 | <0.001 | <1 | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | 6.28 |
| | 11/11/2020 | 1.36(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 | <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 | <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 | <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 | <100 | <100 | <100 | <50 | <10 | <10 | <10 | <0.01 | <10 | <10 | <10 | <0.01 | <50 | <25 | <100 | <10 | 8.02(J) |
| | 5/9/2023 | <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 | 1.6(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 | 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 | 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(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 |
| | 11/21/2025 | <20 | <30 | <20 | <5 | <1 | <1 | <1 | <0.001 | 0.881(J) | <1 | <1 | <0.001 | <5 | <2.5 | <10 | <1 | 14.1 |

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.

# 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.

The updated date ranges for background data sets are included in this appendix. If a background data set could not be established without a statistically significant trend, then, going forward, the well-parameter pair will be evaluated with a Mann-Kendall test and Theil-Sen trend line, not 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. |
| 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. |

Table D.2. Data excluded from statistical analysis (continued).

| Well | Date | Analyte | Value (mg/L) | Flag | Reason |
|---|---|---|---|---|---|
| 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

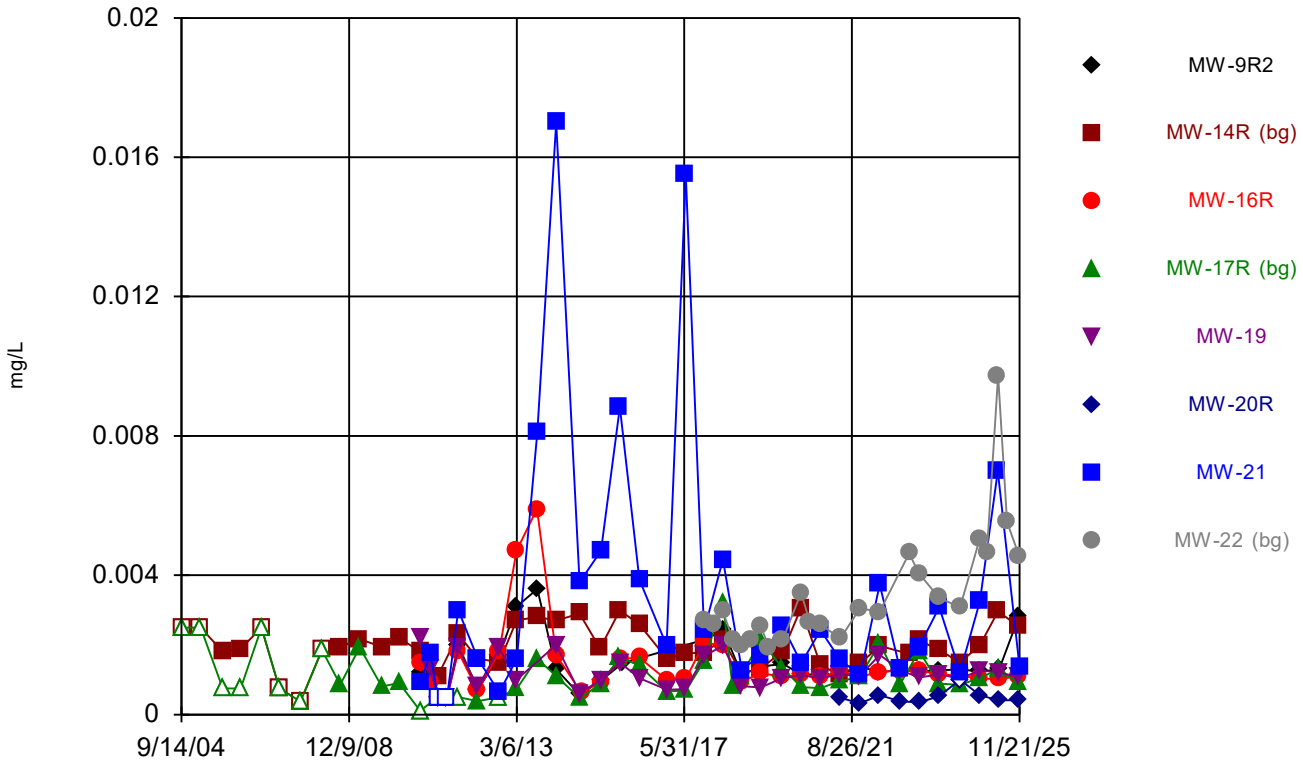
Zinc (mg/L)
MW-9R2 background:3/16/1995-2/6/2023
MW-14R background:3/16/1995-2/6/2023
MW-16R background:3/16/1995-2/6/2023
MW-17R background:3/16/1995-2/6/2023
MW-19 background:3/16/1995-2/6/2023
MW-21 background:3/16/1995-2/6/2023
MW-22 background:3/16/1995-2/6/2023

# APPENDIX E
# DISTRIBUTIONAL PLOTS

# TIME-SERIES PLOTS

Sanitas™ v.10.1.02 Software licensed to Olsson. UG
Hollow symbols indicate censored values.

## Time Series

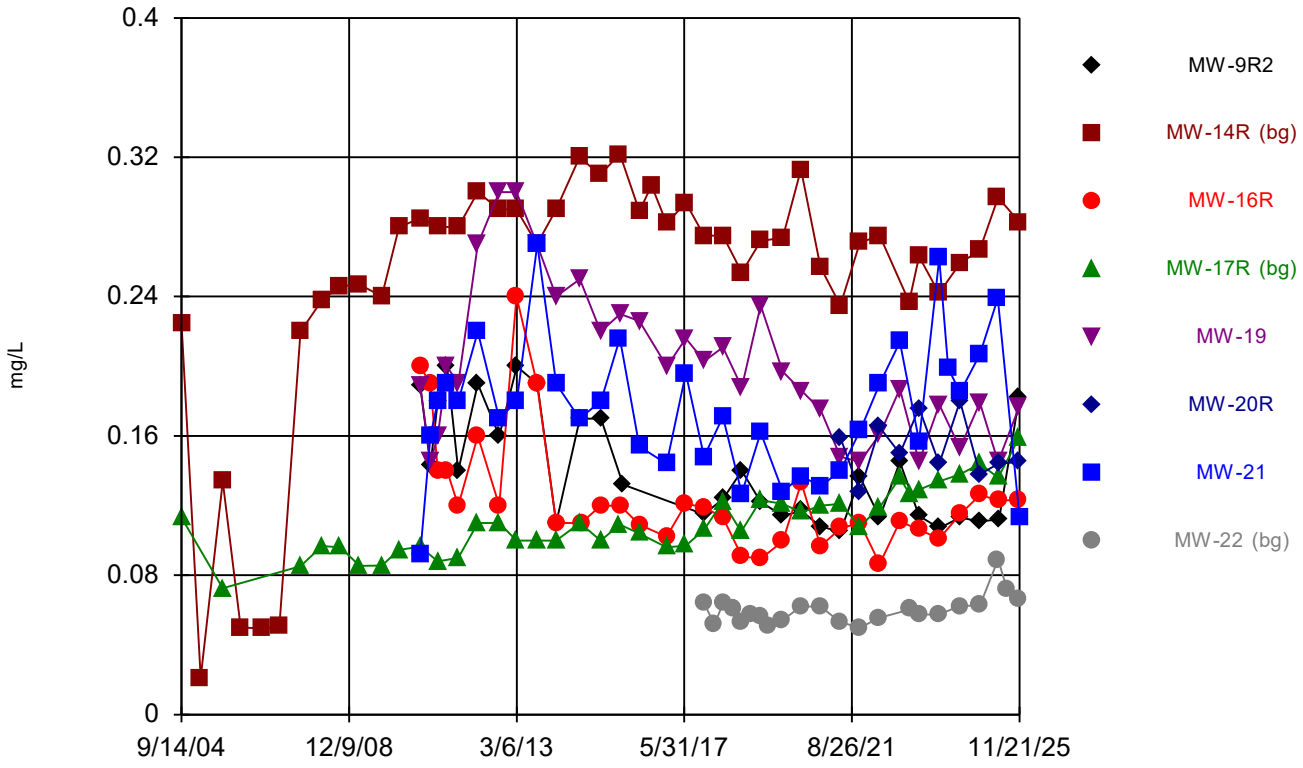



Constituent: Arsenic Analysis Run 12/17/2025 3:53 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

## Time Series

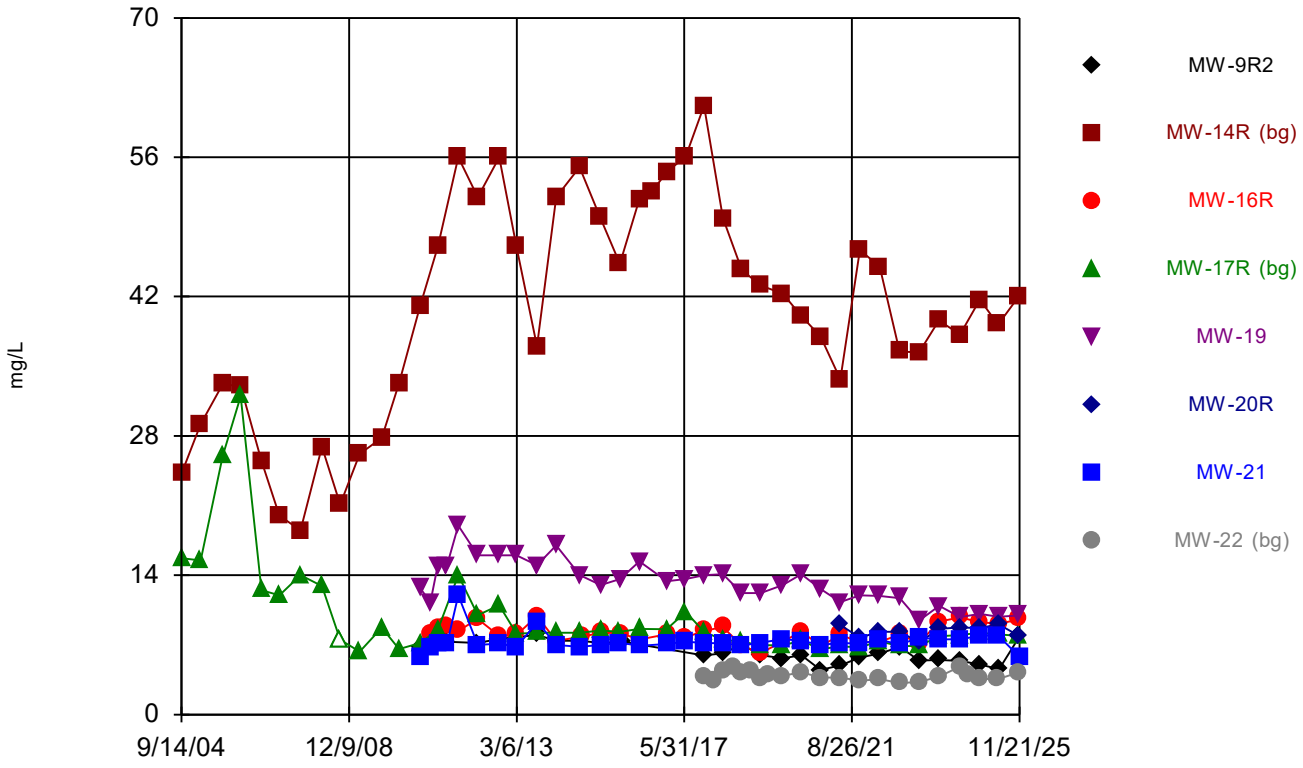



Constituent: Barium Analysis Run 12/17/2025 3:53 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG
Hollow symbols indicate censored values.

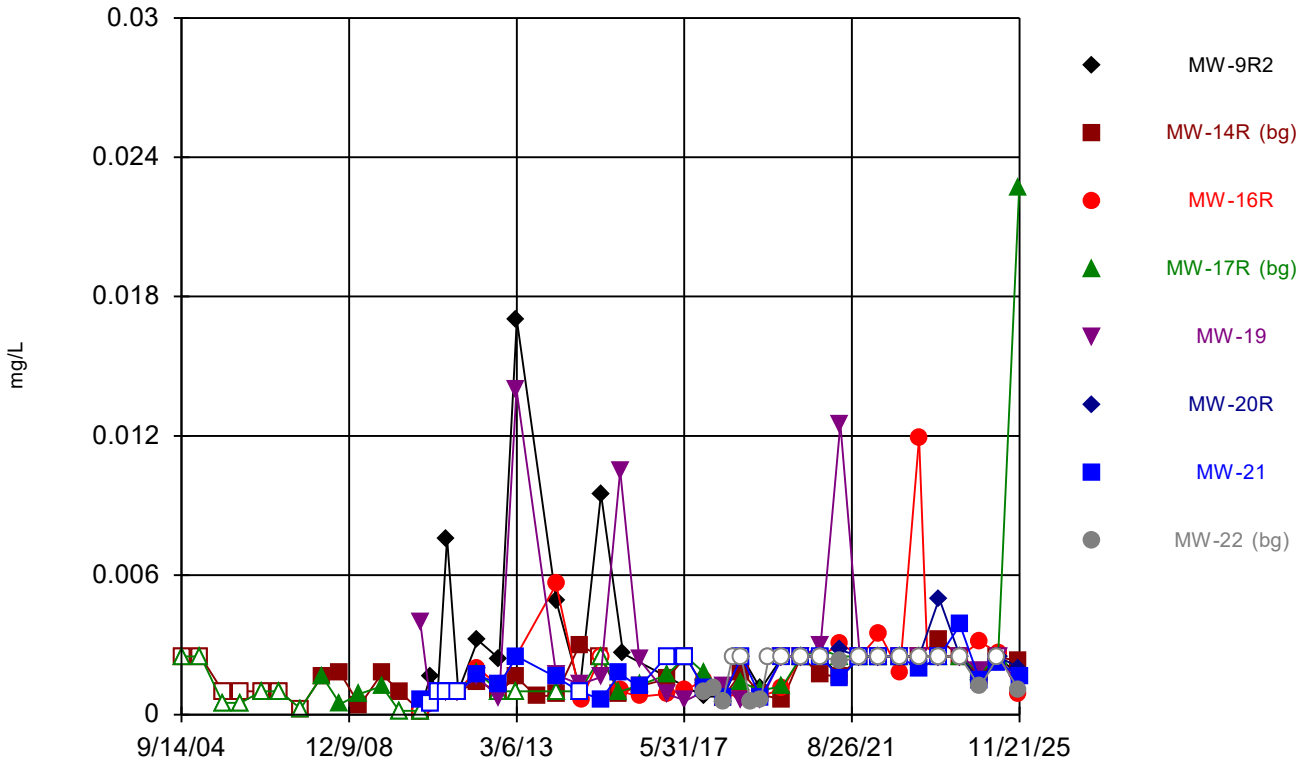
## Time Series




Constituent: Chloride Analysis Run 12/17/2025 3:53 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

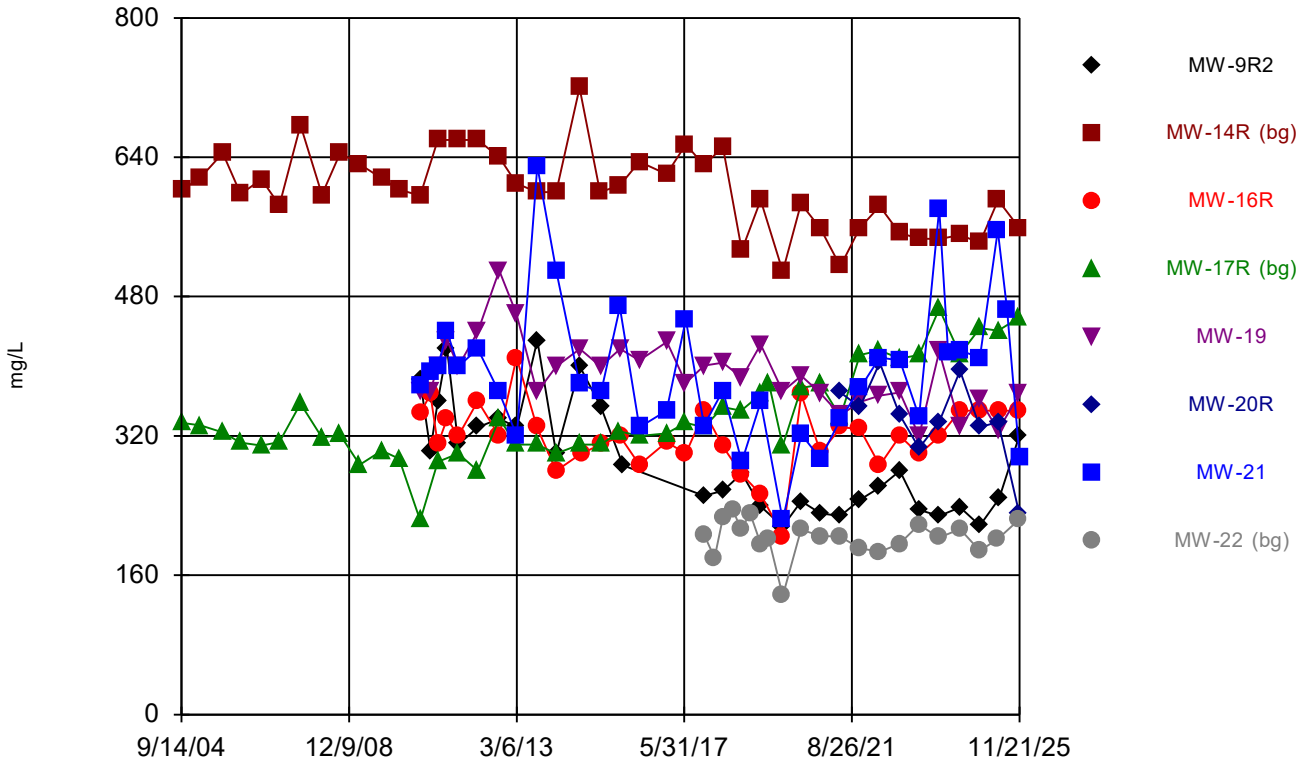
Sanitas™ v.10.1.02 Software licensed to Olsson. UG
Hollow symbols indicate censored values.

## Time Series




Constituent: Copper Analysis Run 12/17/2025 3:53 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

## Time Series



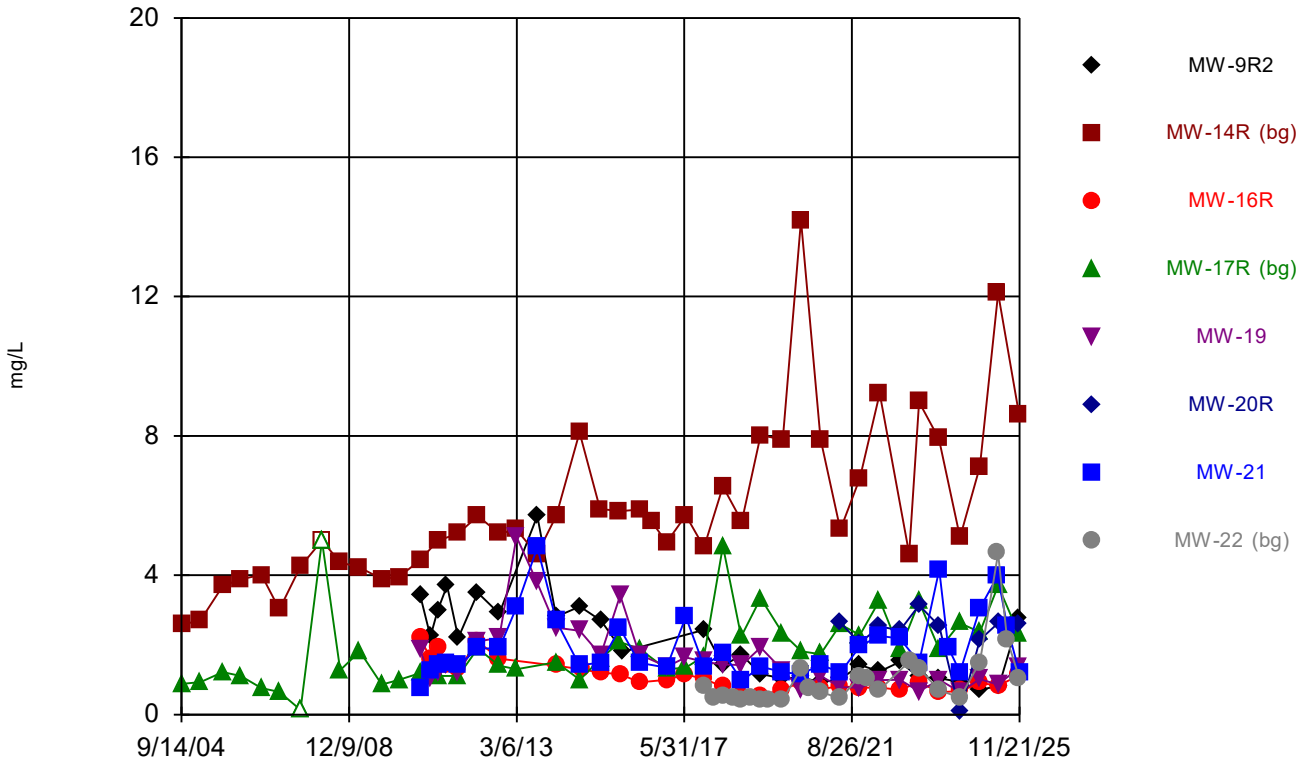

Constituent: Dissolved solids Analysis Run 12/17/2025 3:53 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

Hollow symbols indicate censored values.

## Time Series

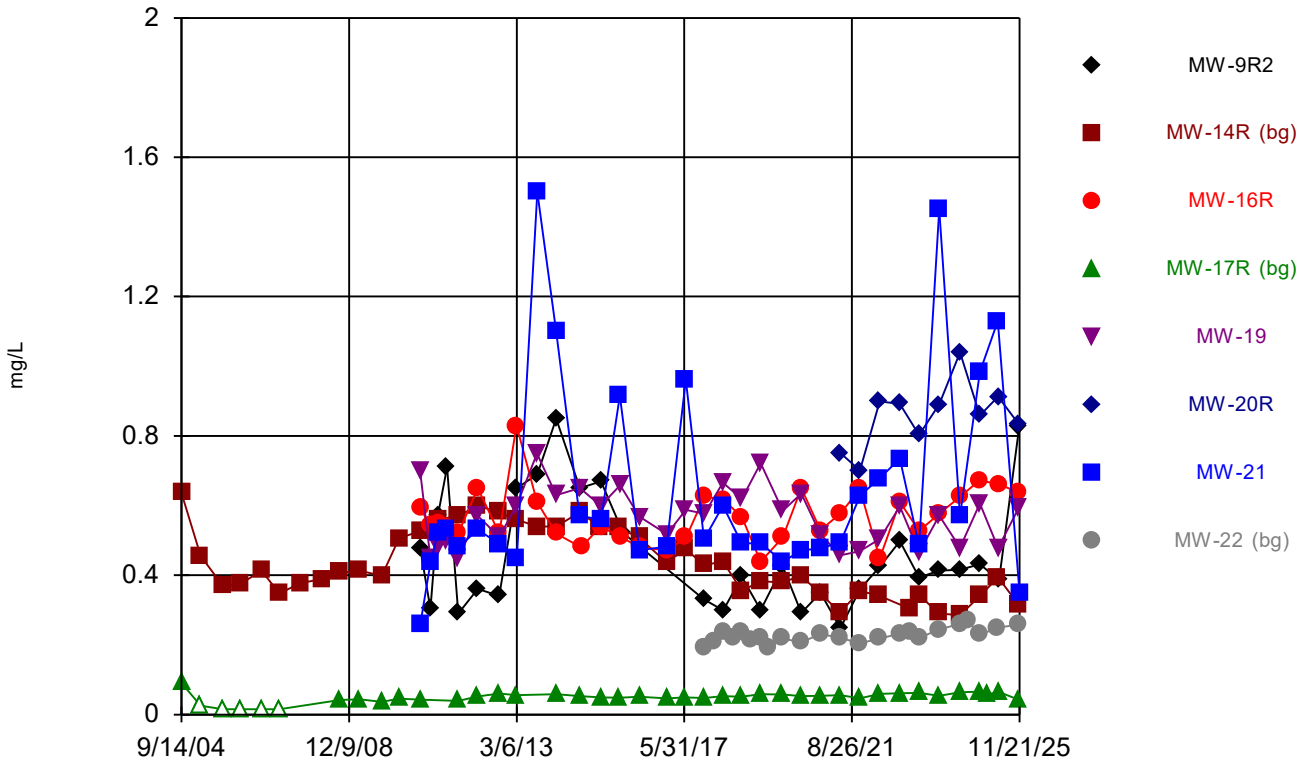



Constituent: Iron Analysis Run 12/17/2025 3:53 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG
Hollow symbols indicate censored values.

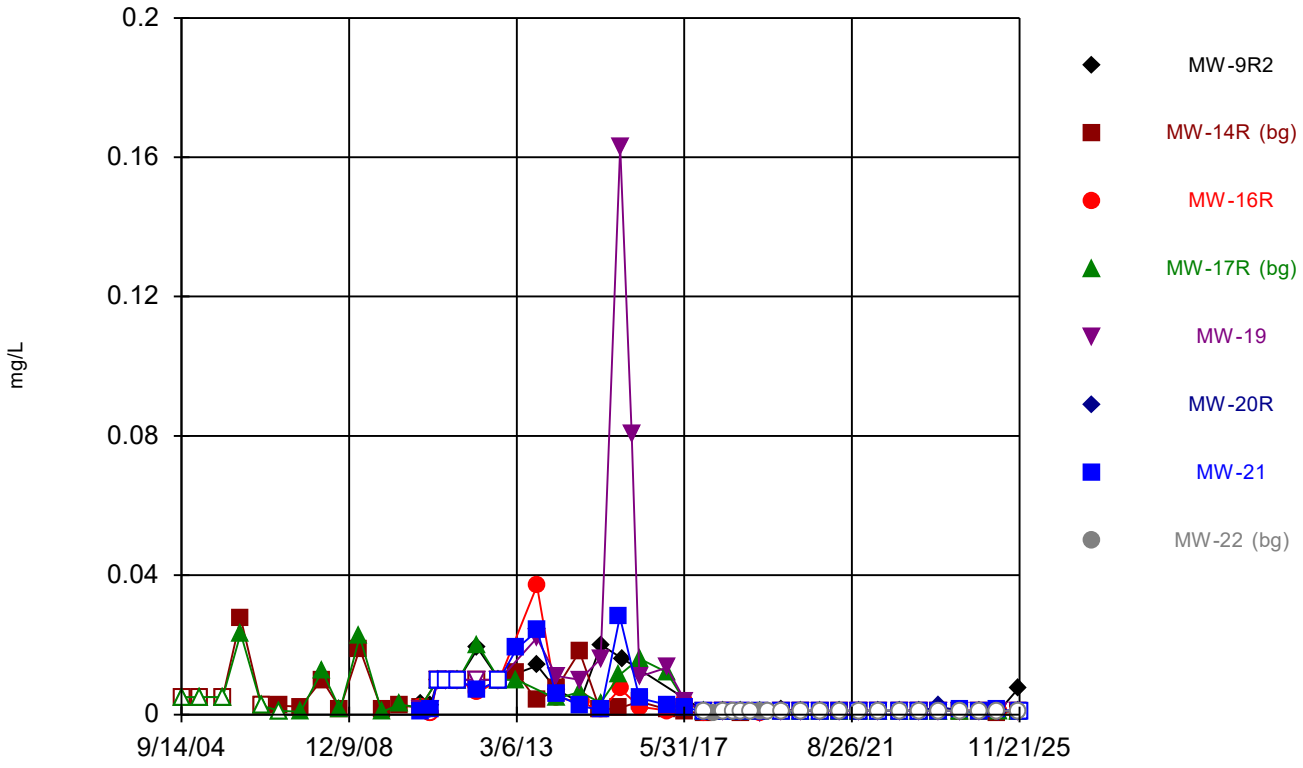
## Time Series




Constituent: Manganese Analysis Run 12/17/2025 3:53 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Hollow symbols indicate censored values.

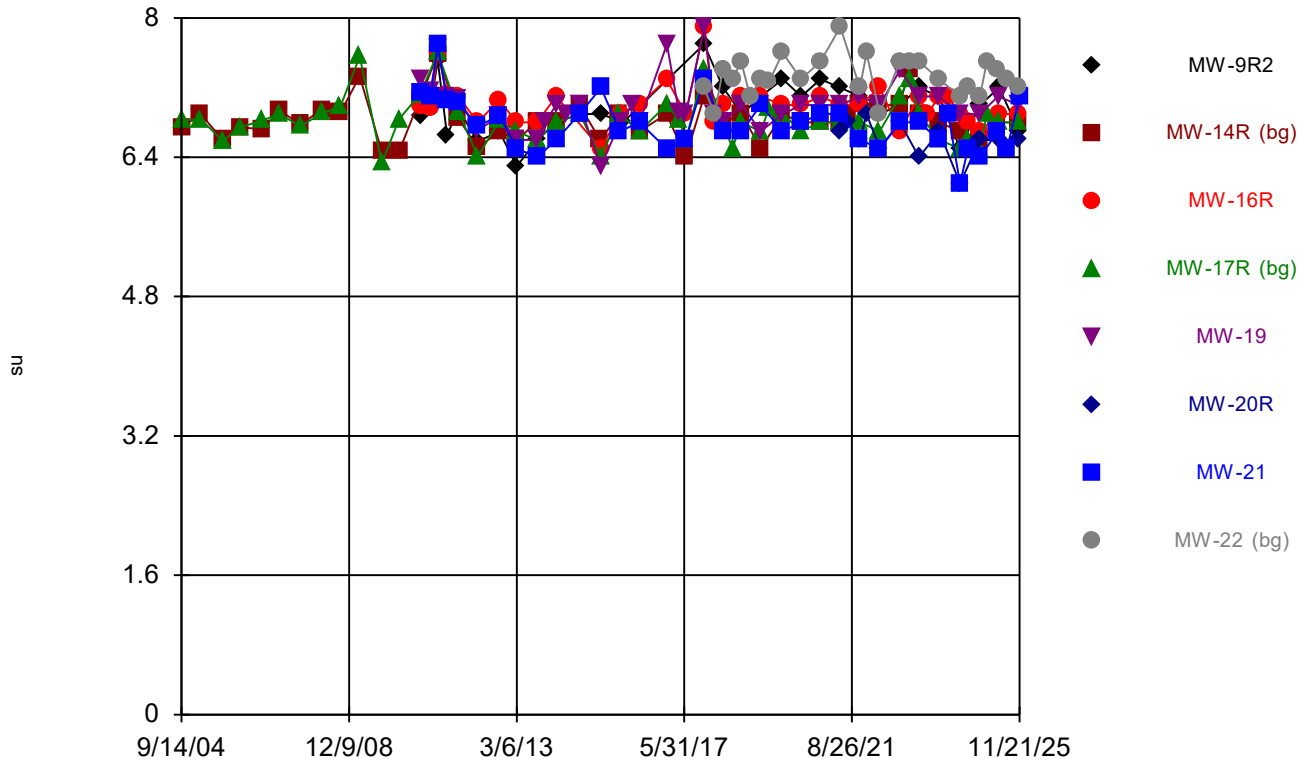
## Time Series




Constituent: Nickel Analysis Run 12/17/2025 3:53 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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# Time Series

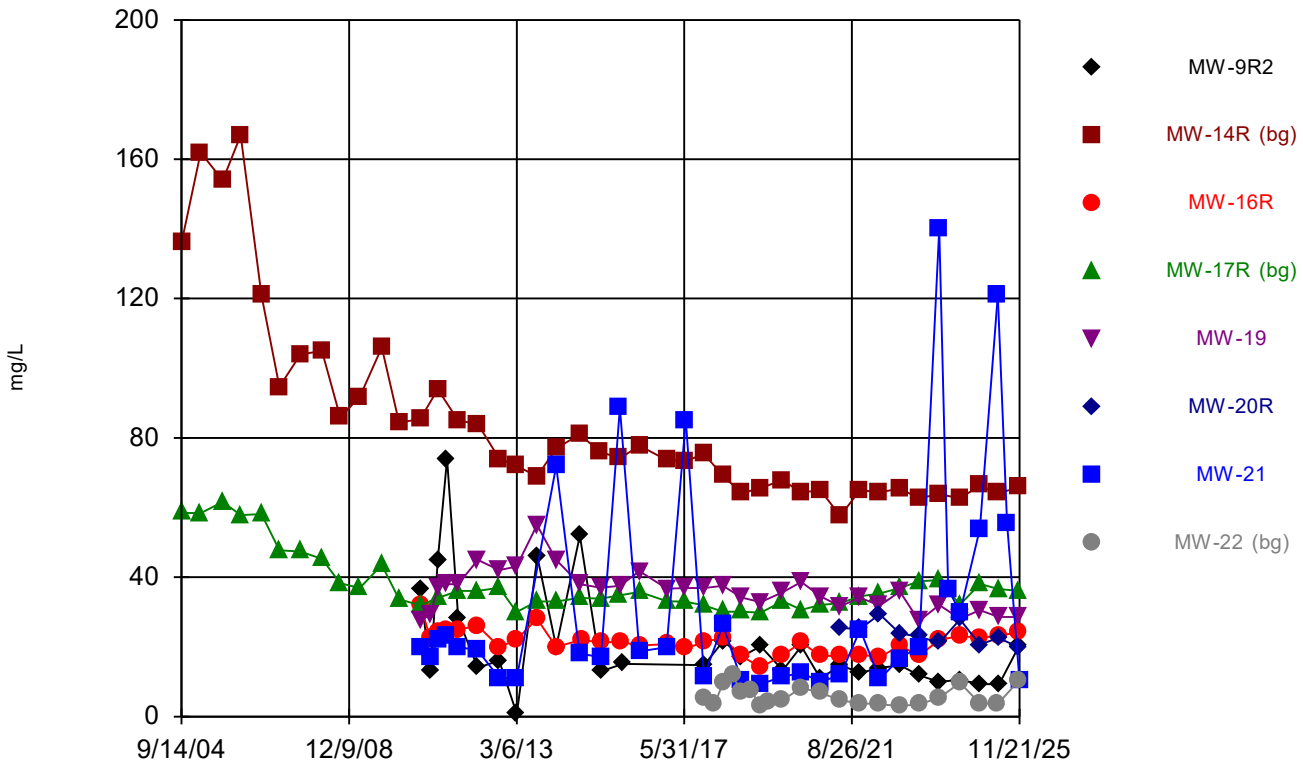



Constituent: pH Analysis Run 12/17/2025 3:53 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Time Series



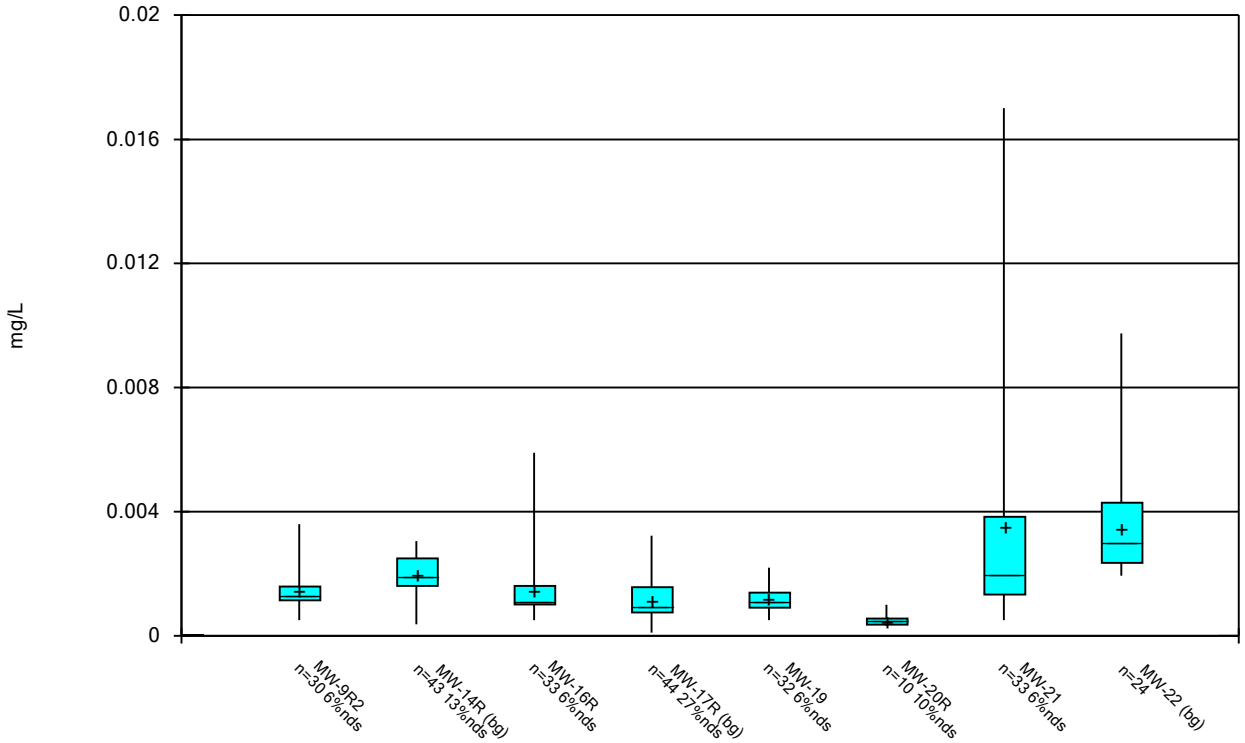

Constituent: Sulfate Analysis Run 12/17/2025 3:53 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

# BOX-AND-WHISKER PLOTS

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Box & Whiskers Plot

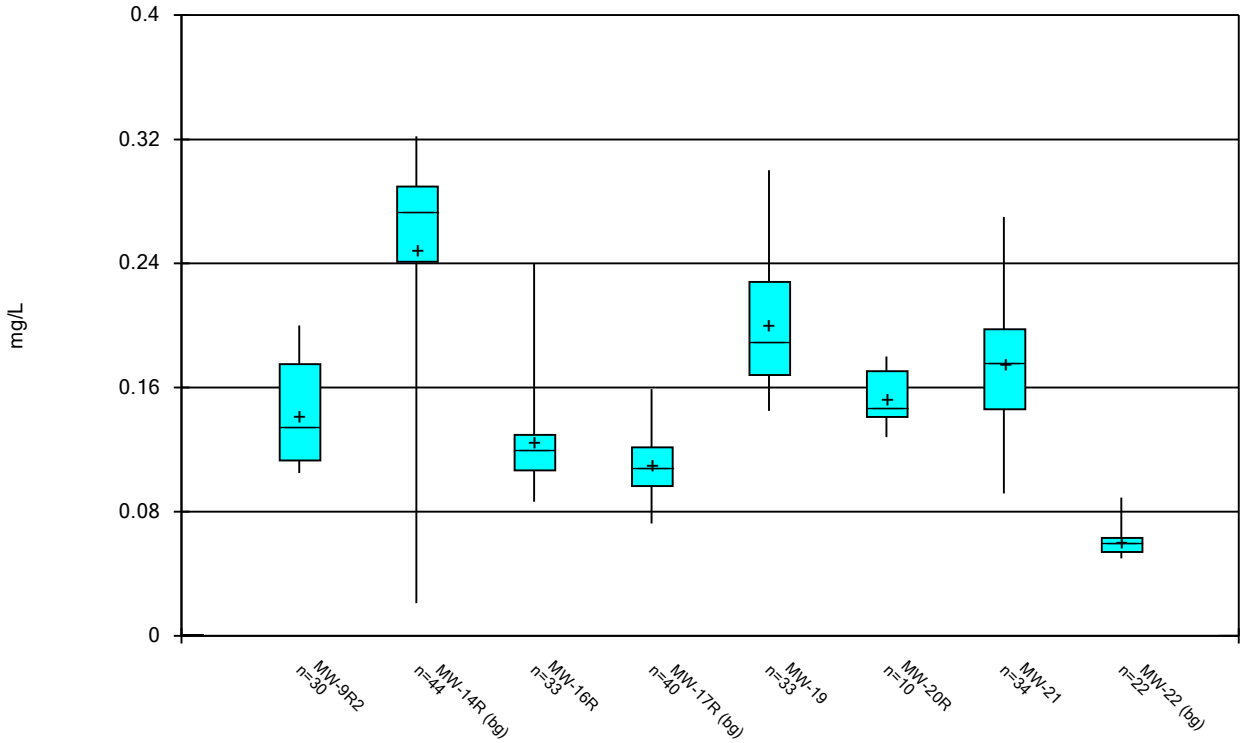



Constituent: Arsenic Analysis Run 12/17/2025 3:55 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Box & Whiskers Plot

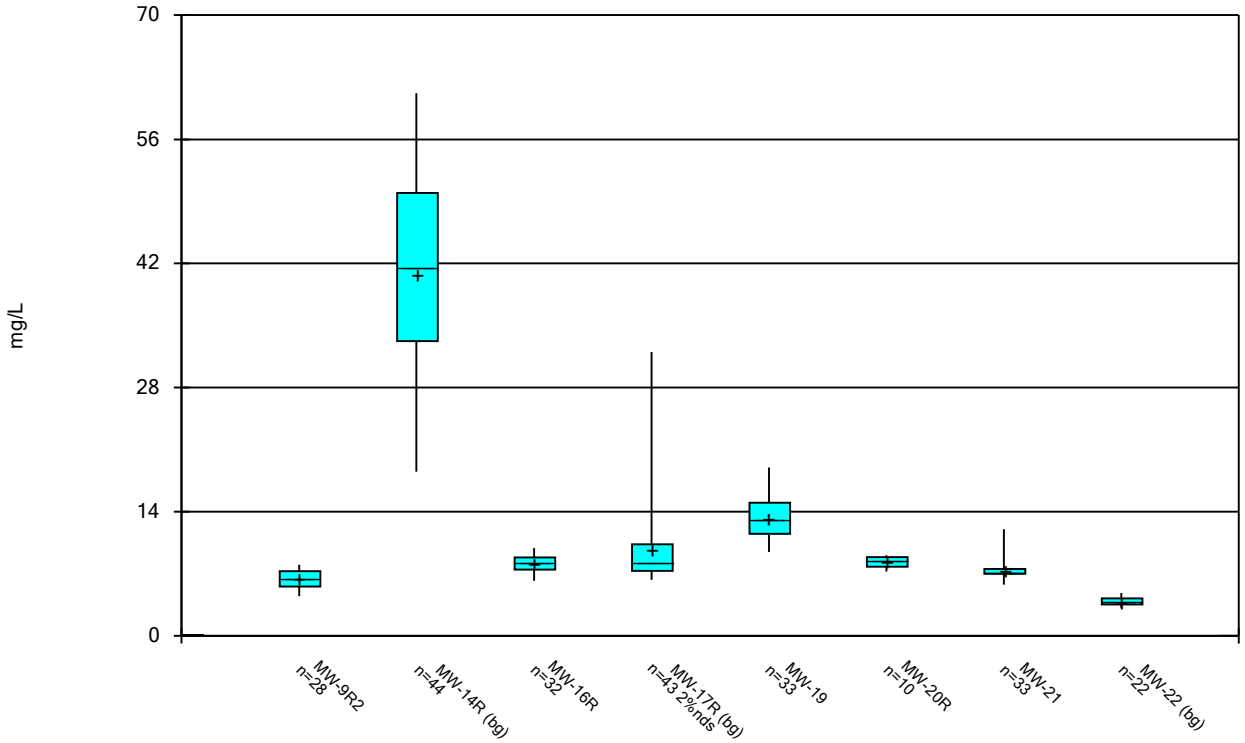



Constituent: Barium Analysis Run 12/17/2025 3:55 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Box & Whiskers Plot

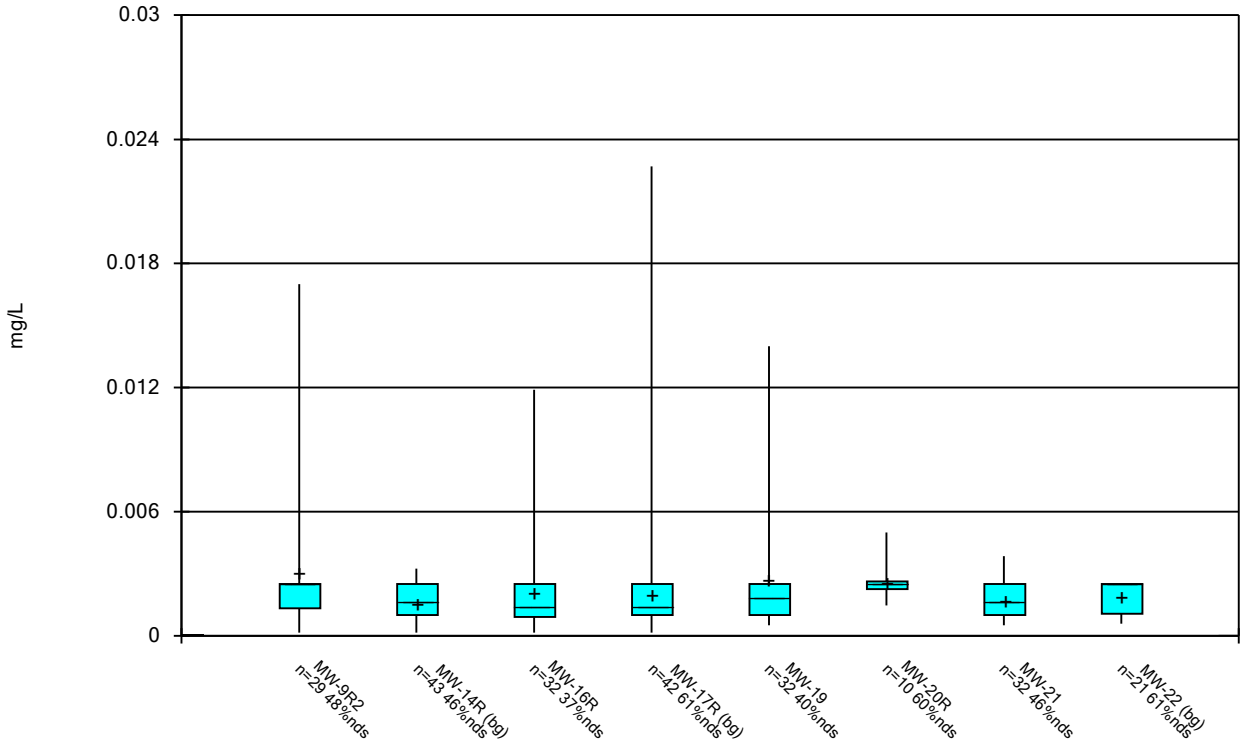



Constituent: Chloride Analysis Run 12/17/2025 3:55 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Box & Whiskers Plot

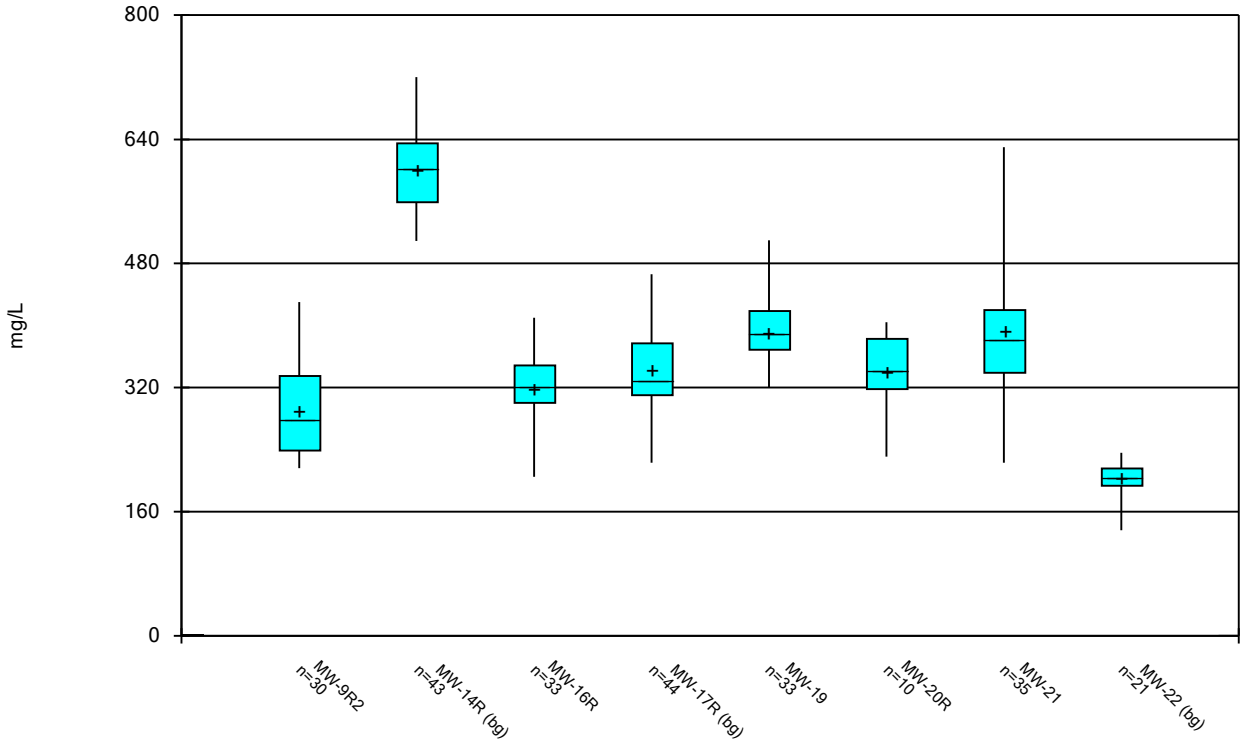



Constituent: Copper Analysis Run 12/17/2025 3:55 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

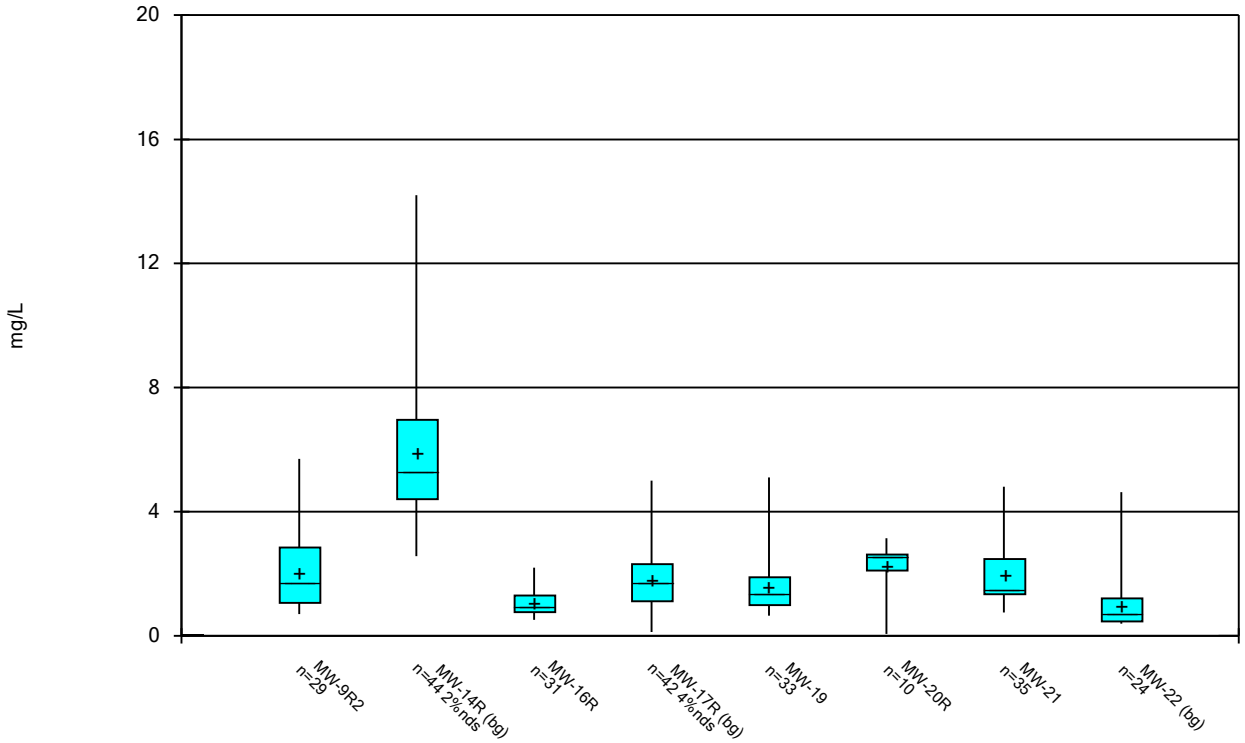
## Box & Whiskers Plot




Constituent: Dissolved solids Analysis Run 12/17/2025 3:55 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

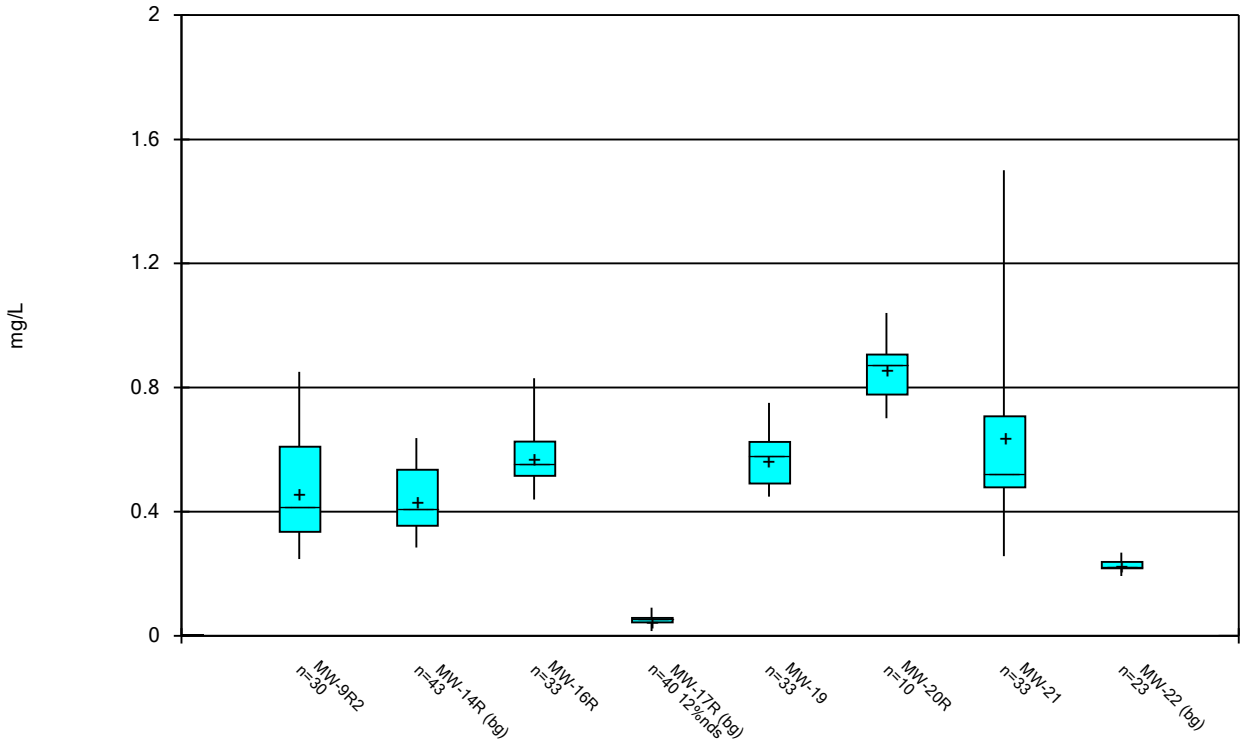
## Box & Whiskers Plot




Constituent: Iron Analysis Run 12/17/2025 3:55 PM View: Distributional
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Box & Whiskers Plot

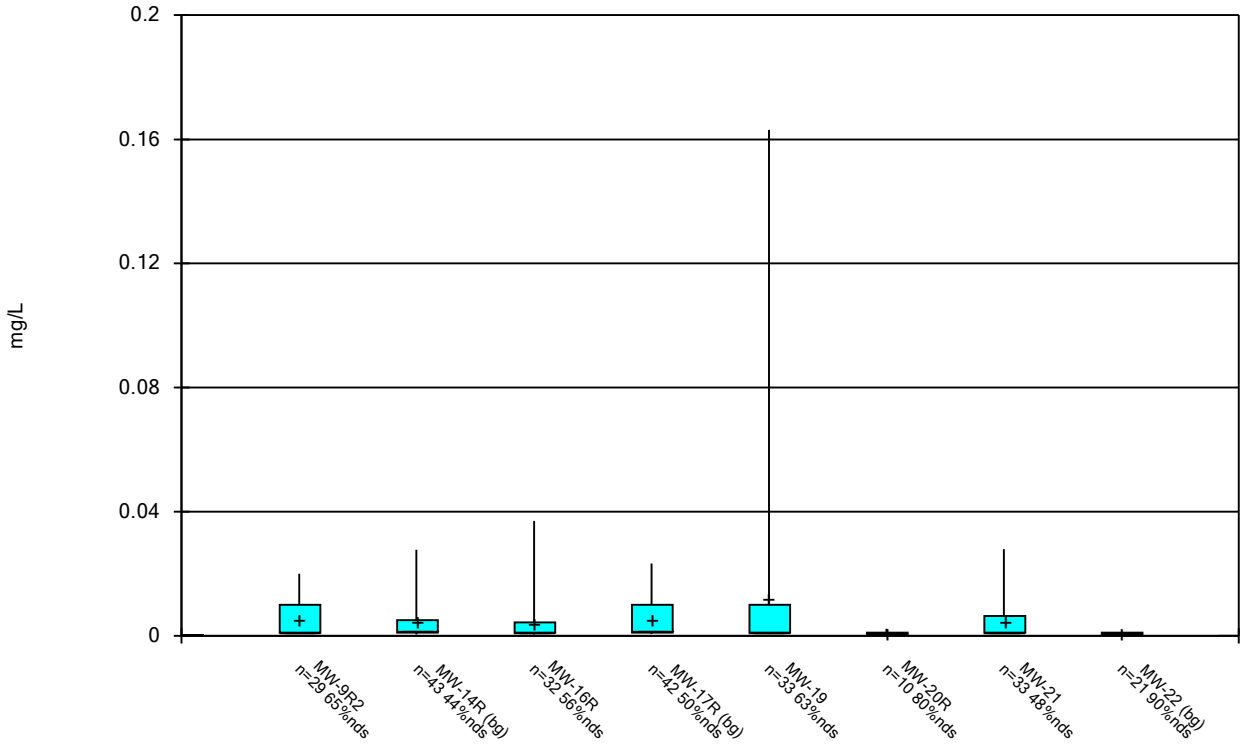



Constituent: Manganese Analysis Run 12/17/2025 3:55 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Box & Whiskers Plot

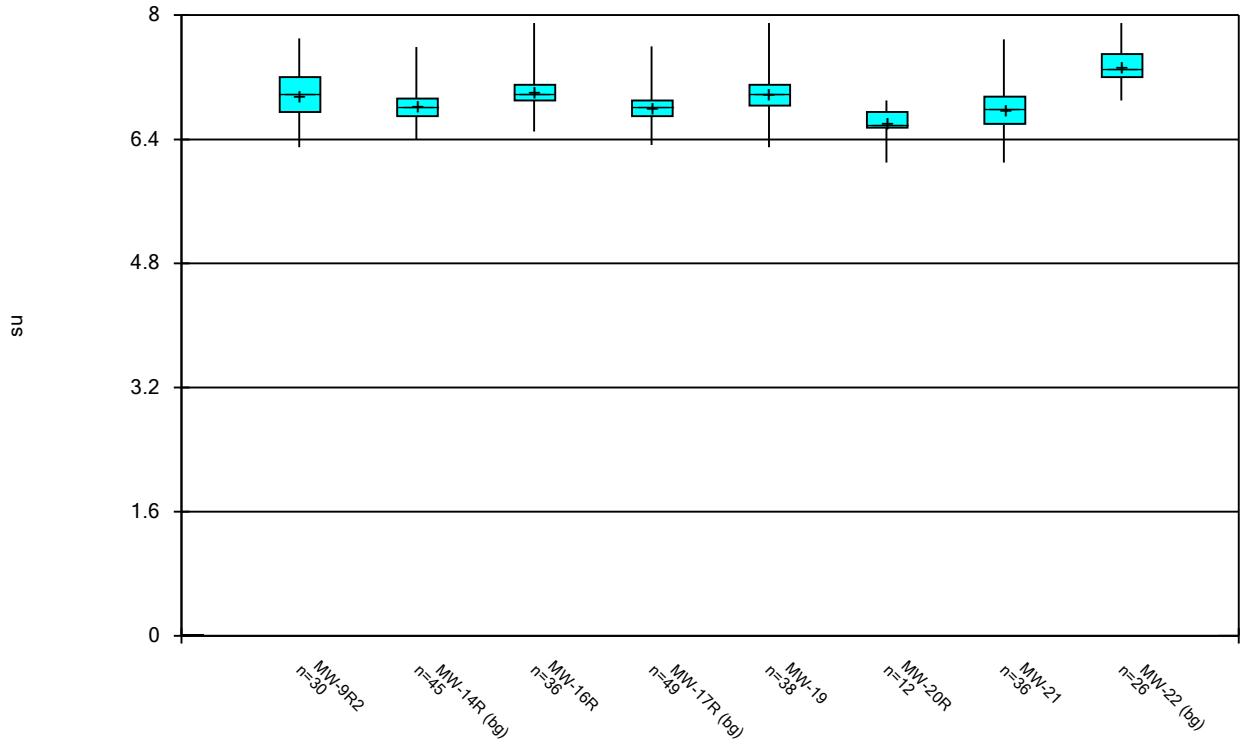



Constituent: Nickel Analysis Run 12/17/2025 3:55 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Box & Whiskers Plot

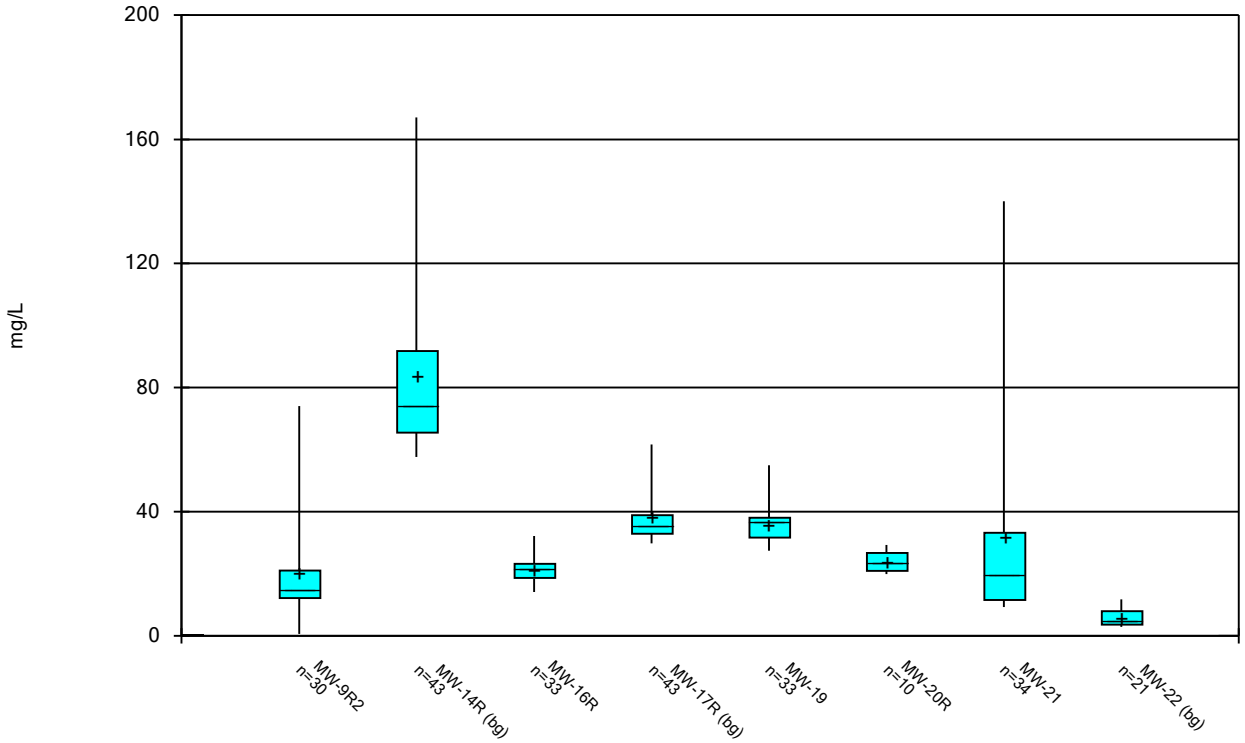



Constituent: pH Analysis Run 12/17/2025 3:55 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

# Box & Whiskers Plot




Constituent: Sulfate Analysis Run 12/17/2025 3:55 PM View: Distributional

Legacy Landfill Client: CCSWDA Data: Craighead County LF

# APPENDIX F
# STATISTICAL PLOTS

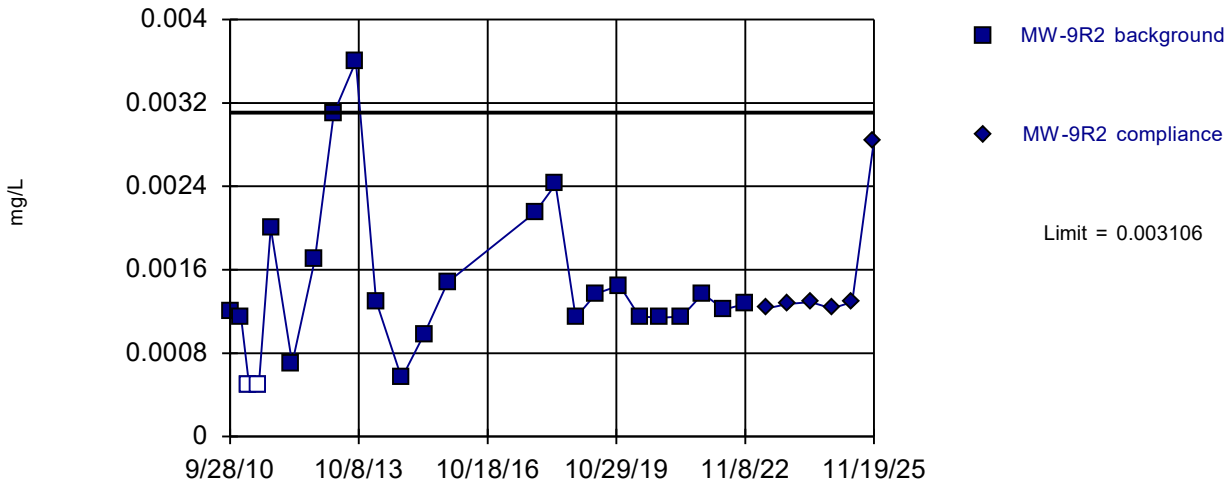
# PREDICTION LIMIT RESULTS
# SECOND HALF 2025 DETECTION MONITORING

Sanitas™ v.10.1.02 Software licensed to Olsson. UG
Hollow symbols indicate censored values.

Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary (based on square root transformation): Mean=0.03685, Std. Dev.=0.009341, n=24, 8.333% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.884. Kappa = 2.022 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

Constituent: Arsenic Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

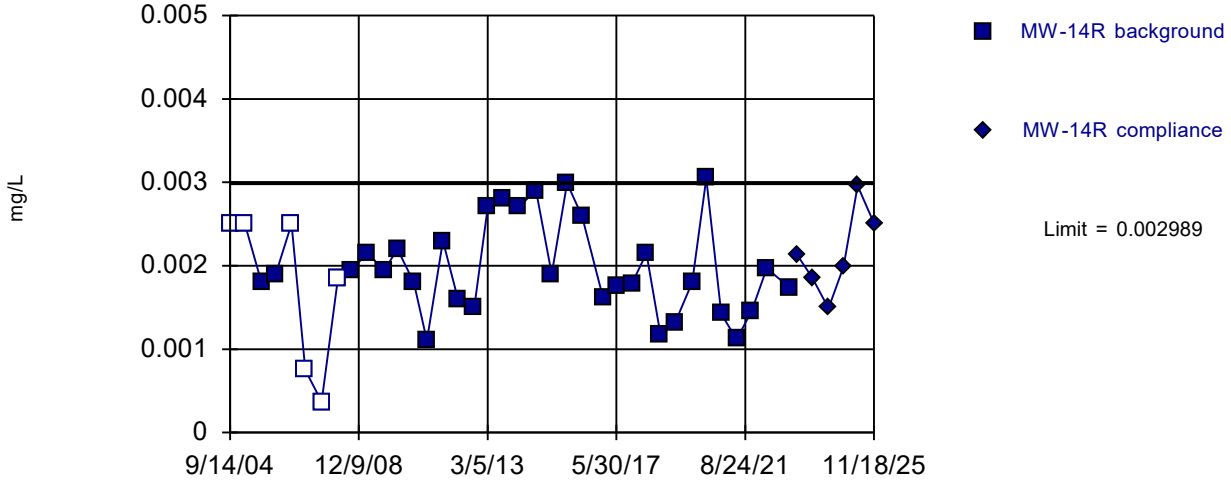
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. 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.

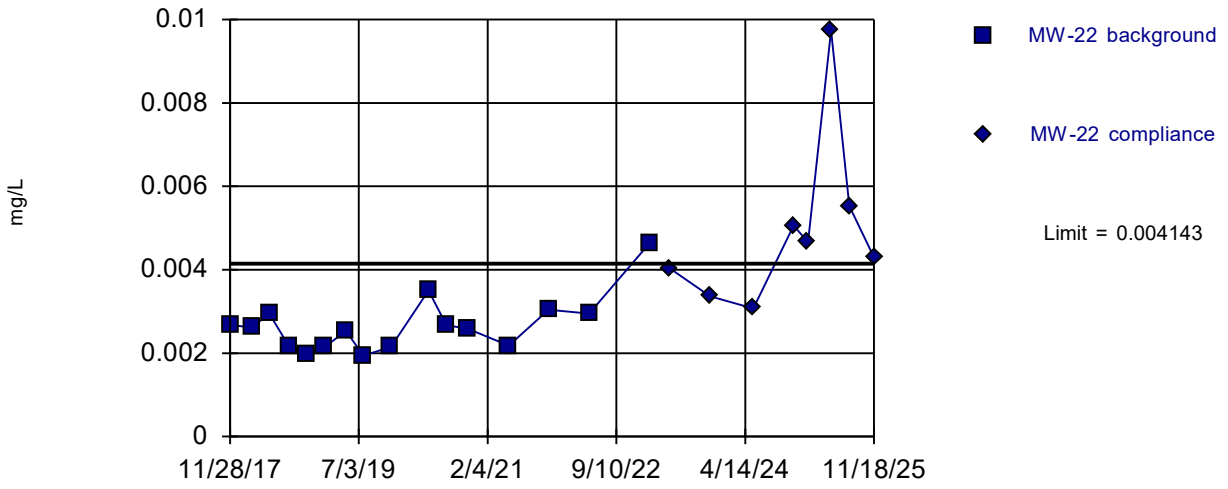
Constituent: Arsenic Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 1/8/2026 11:28 AM View: Prediction Limits

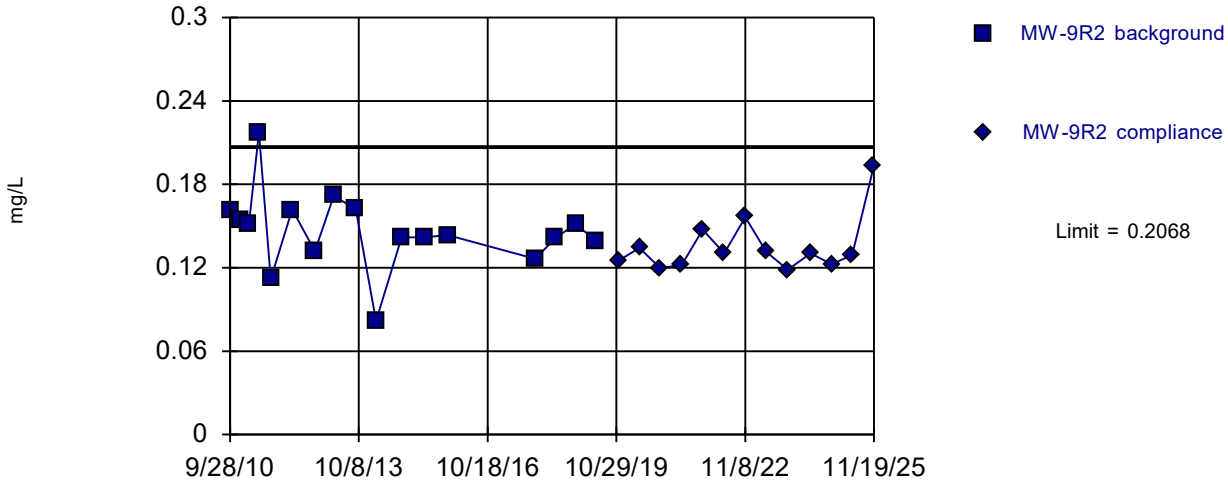
Legacy Landfill Client: CCSWDA Data: Craighead County LF



Within Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=0.1465, Std. Dev.=0.02804, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.851. Kappa = 2.148 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

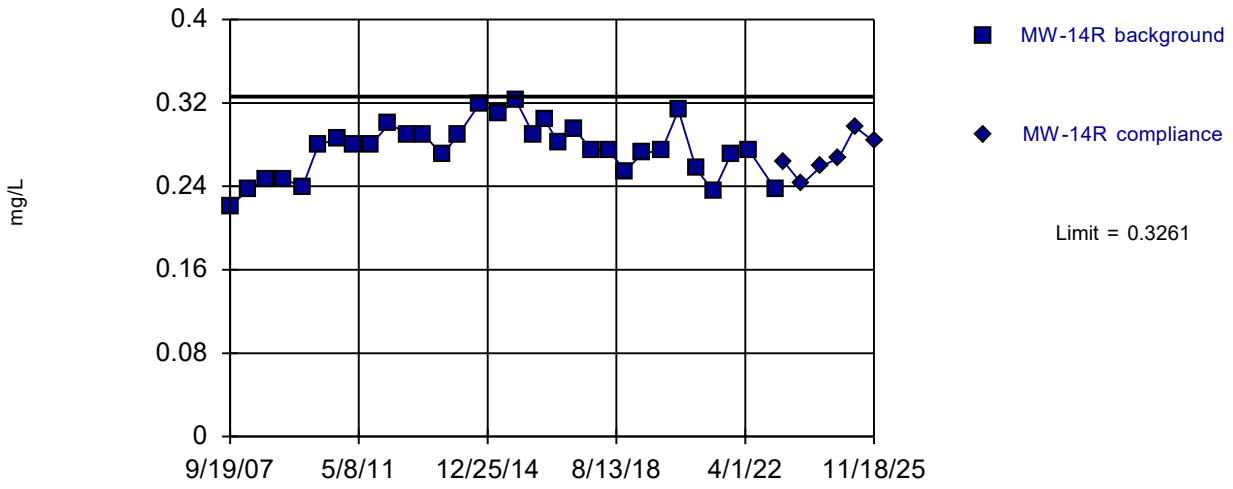
Constituent: Barium Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

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 12/18/2025 11:29 AM View: Prediction Limits

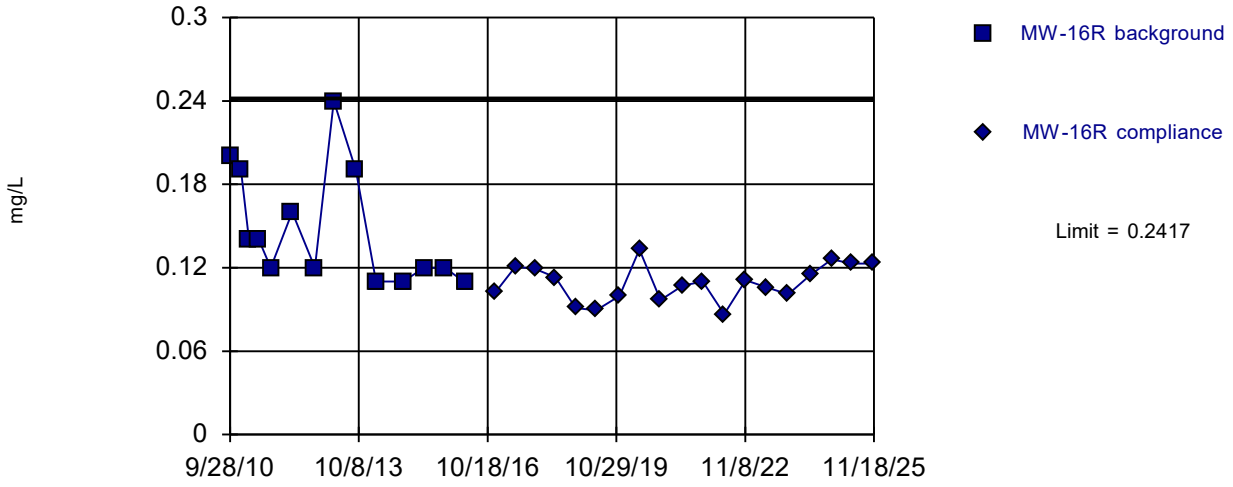
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

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.

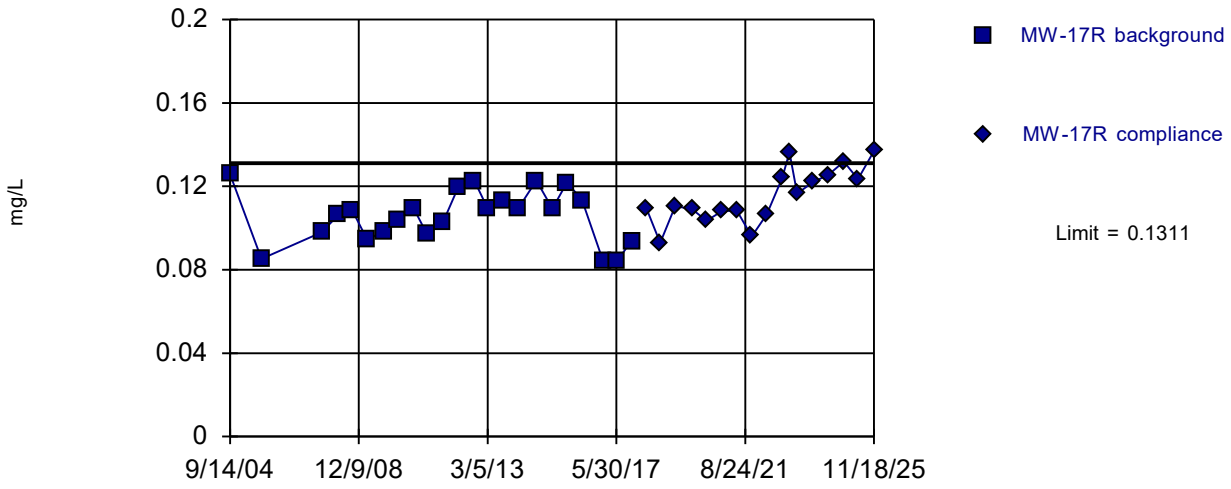
Constituent: Barium Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Exceeds Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=0.1058, Std. Dev.=0.01242, n=23. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9529, 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 1/8/2026 11:29 AM View: Prediction Limits

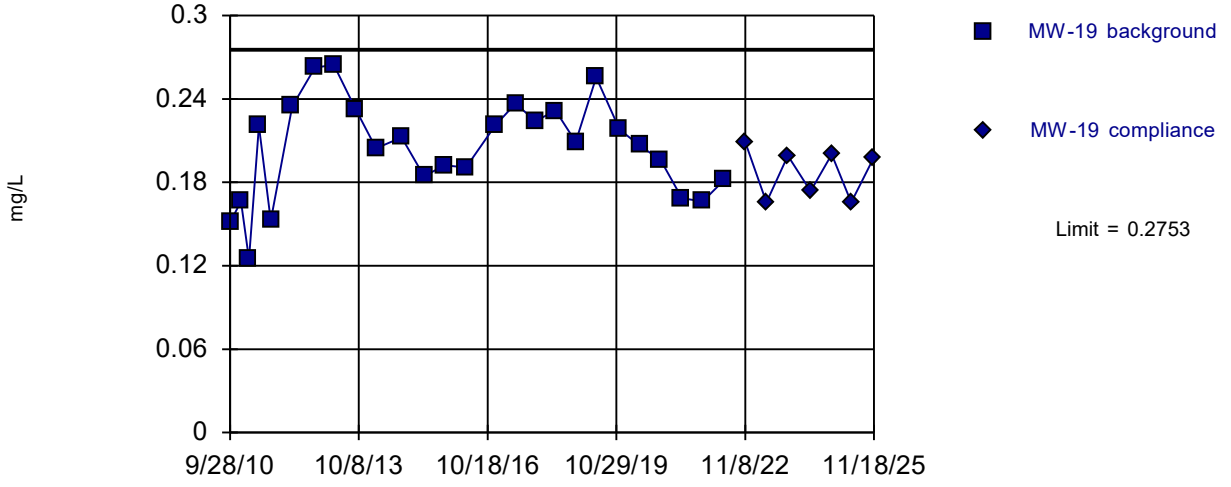
Legacy Landfill Client: CCSWDA Data: Craighead County LF



Within Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=0.2042, Std. Dev.=0.03561, n=26. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9779, critical = 0.891. Kappa = 1.998 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

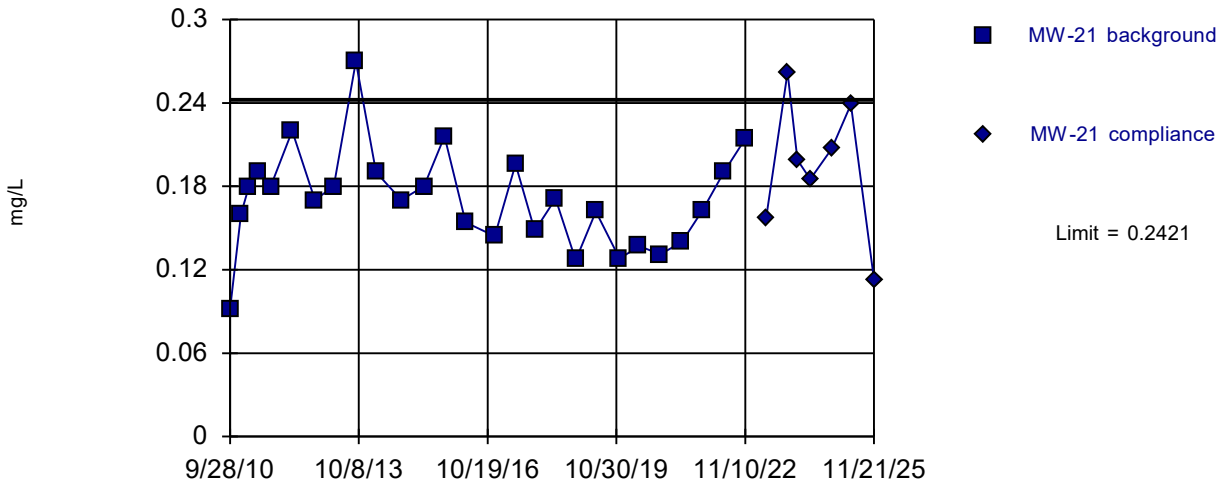
Constituent: Barium Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 12/18/2025 11:29 AM View: Prediction Limits

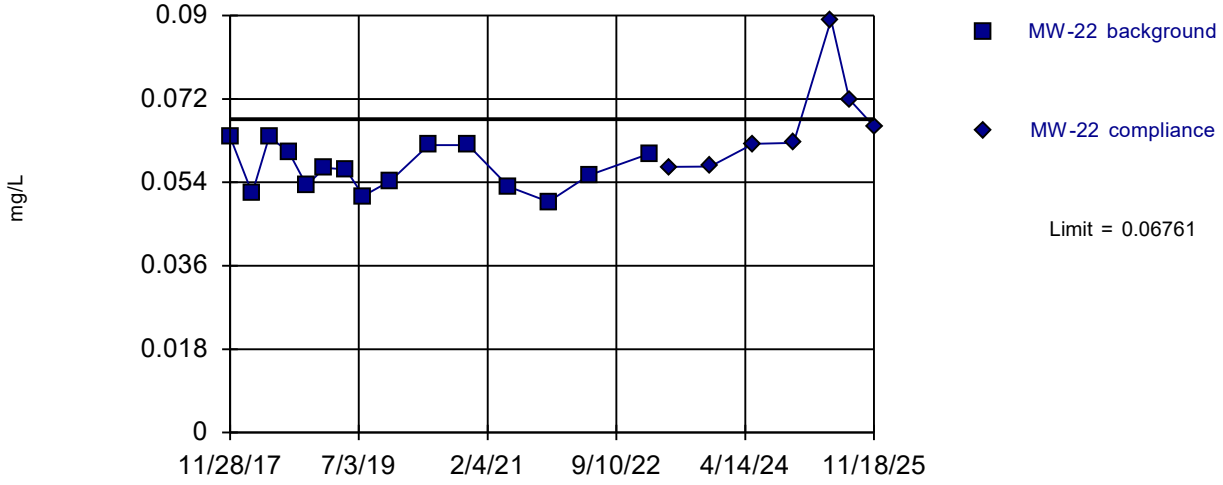
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=0.05699, 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.

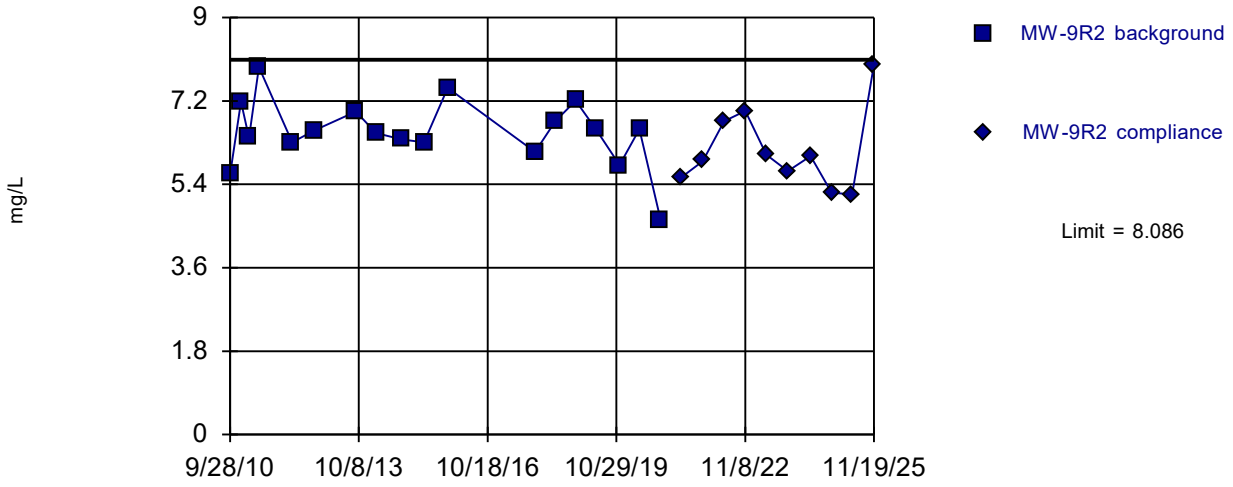
Constituent: Barium Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=6.521, Std. Dev.=0.7369, n=18. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9587, 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 12/18/2025 11:29 AM View: Prediction Limits

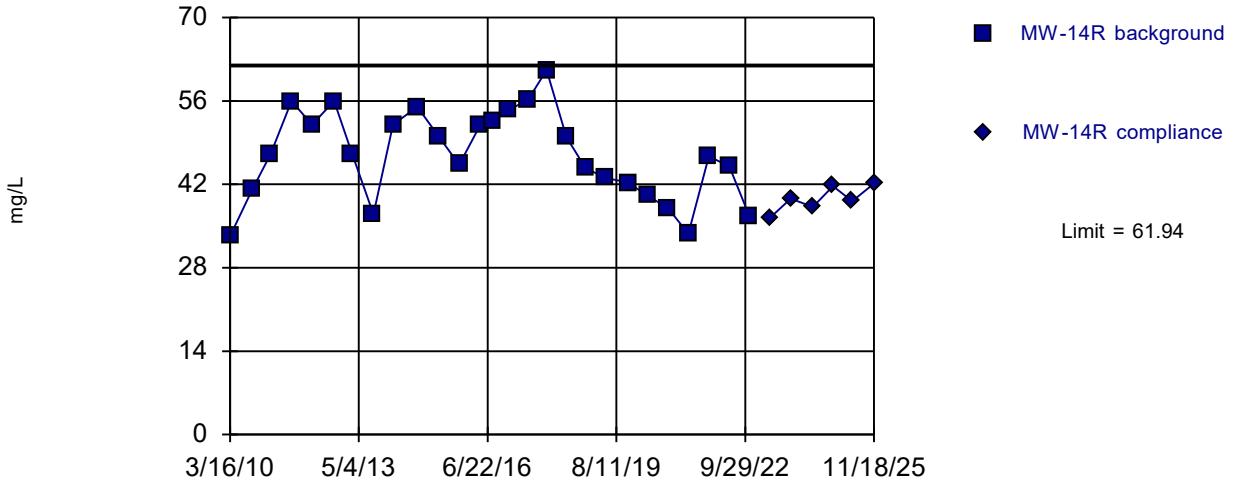
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

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.

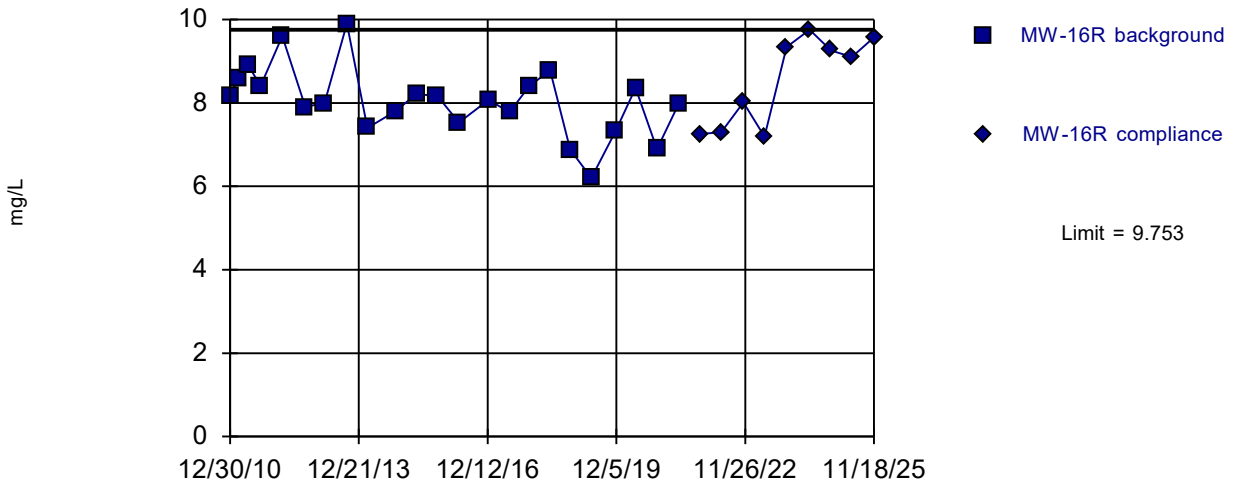
Constituent: Chloride Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

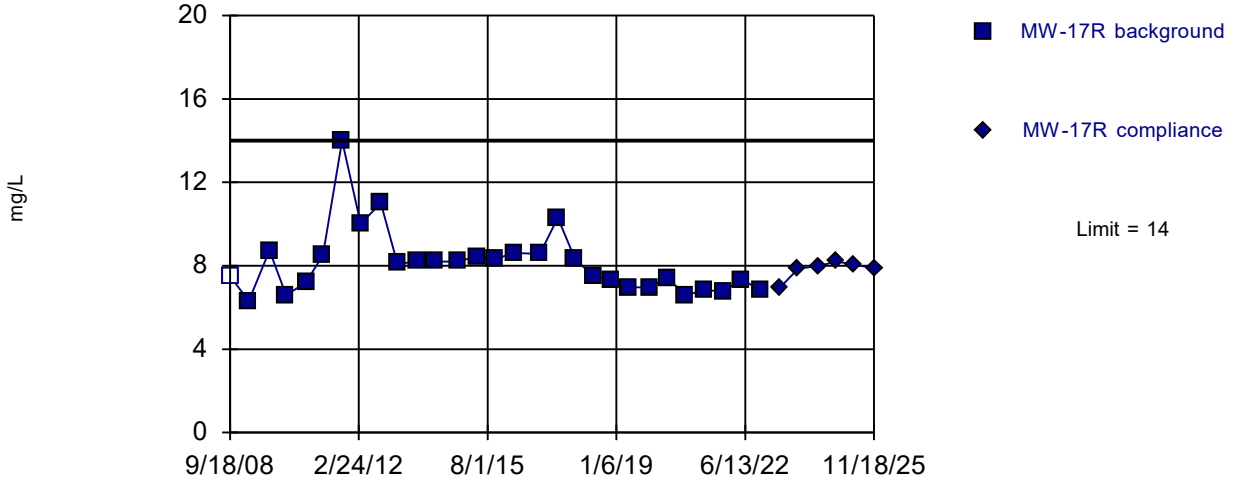
Sanitas™ v.10.1.02 Software licensed to Olsson. UG

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.

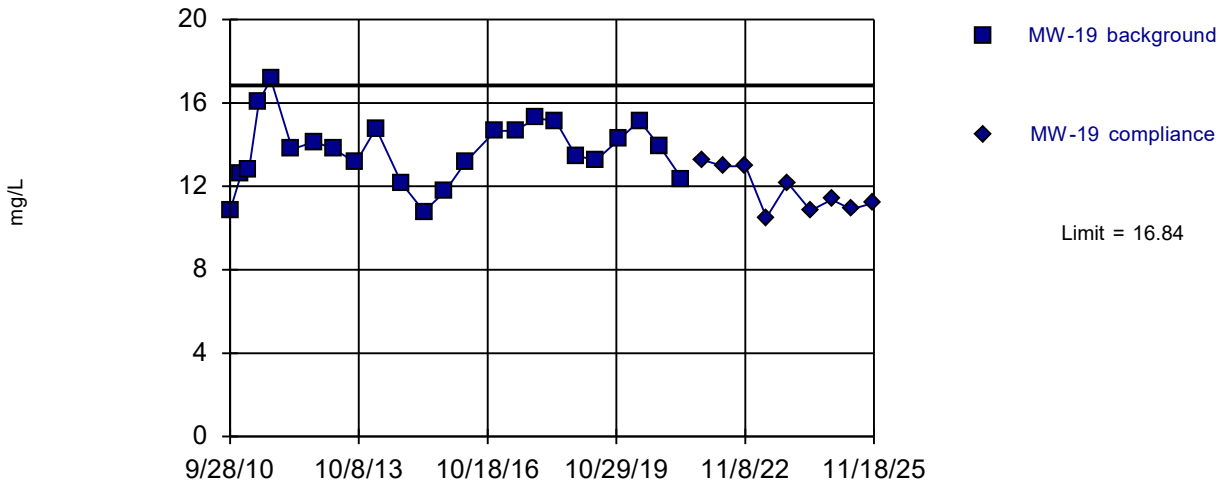
Constituent: Chloride Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=13.71, Std. Dev.=1.552, n=24. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9859, 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 12/18/2025 11:29 AM View: Prediction Limits

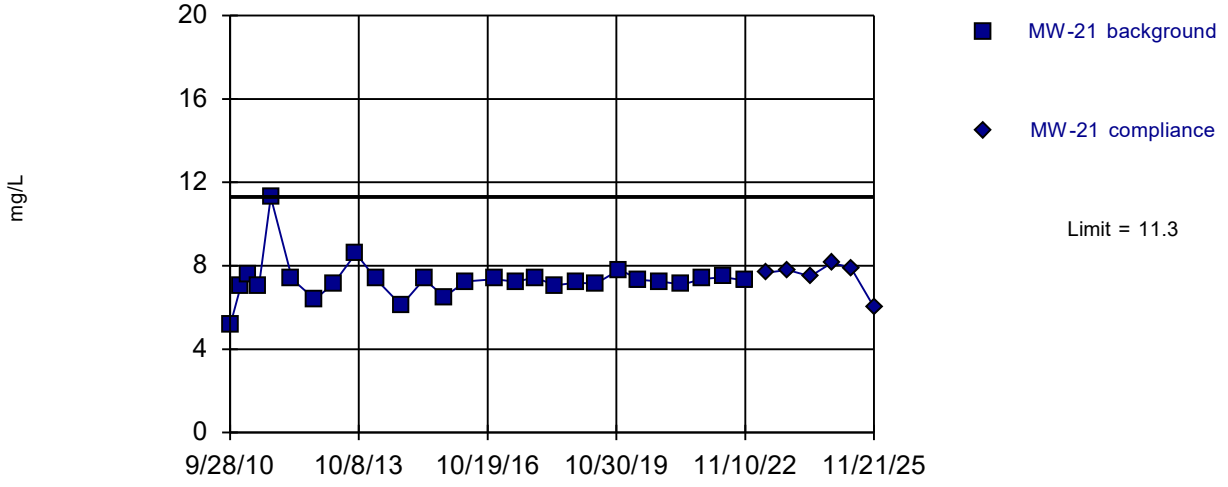
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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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 27 background values. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2). Data were deseasonalized.

Constituent: Chloride Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

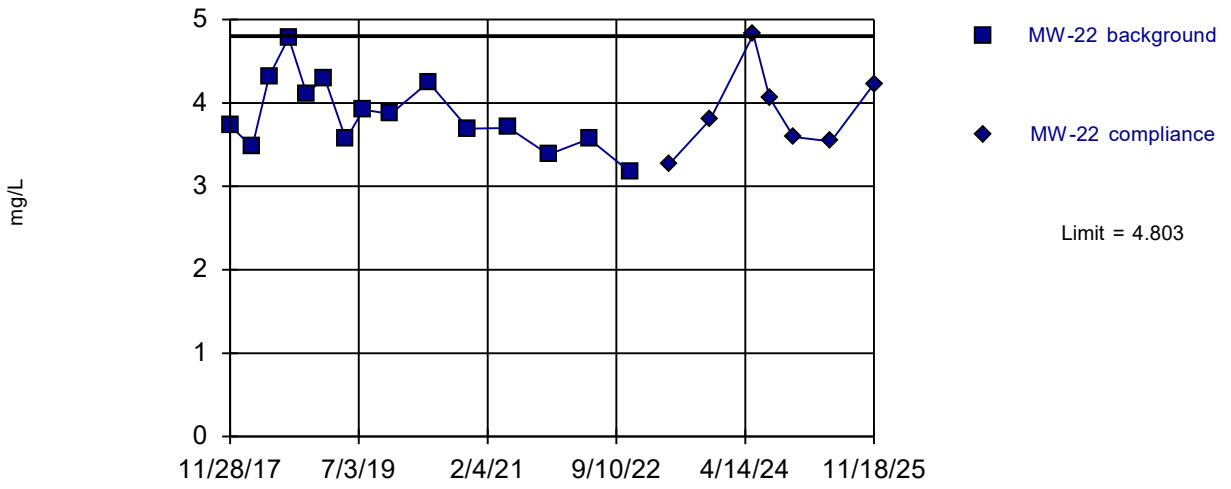
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=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 12/18/2025 11:29 AM View: Prediction Limits

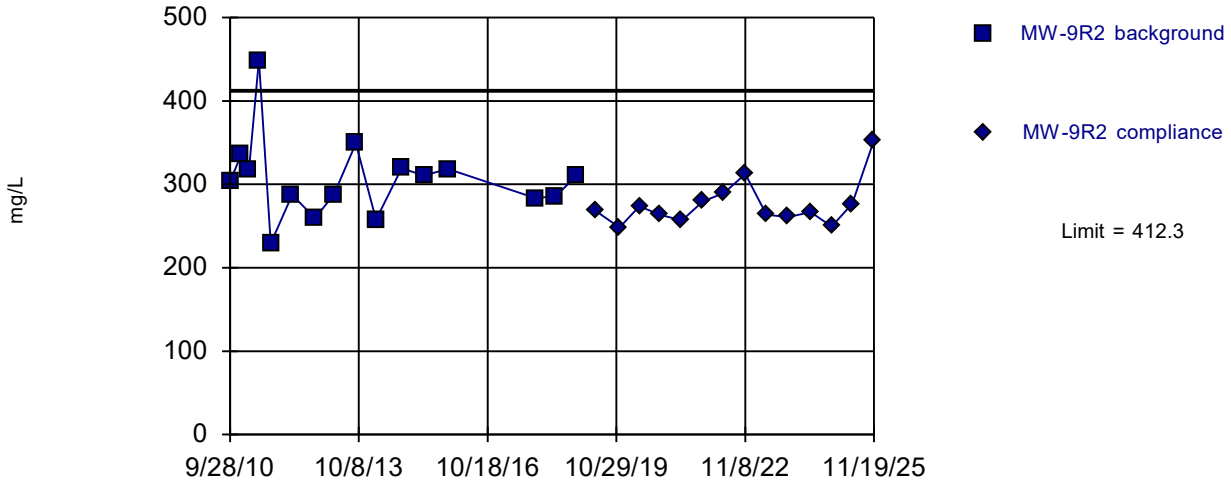
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=306.4, Std. Dev.=48.73, n=16. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8747, critical = 0.844. Kappa = 2.172 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

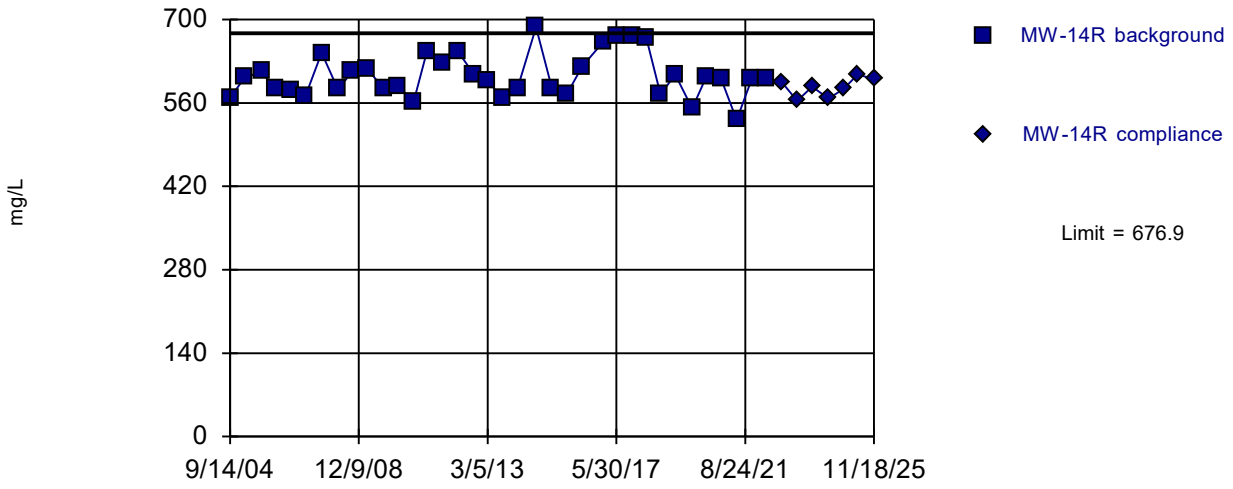
Constituent: Dissolved solids Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=605.6, Std. Dev.=36.98, n=36. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, 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 12/18/2025 11:29 AM View: Prediction Limits

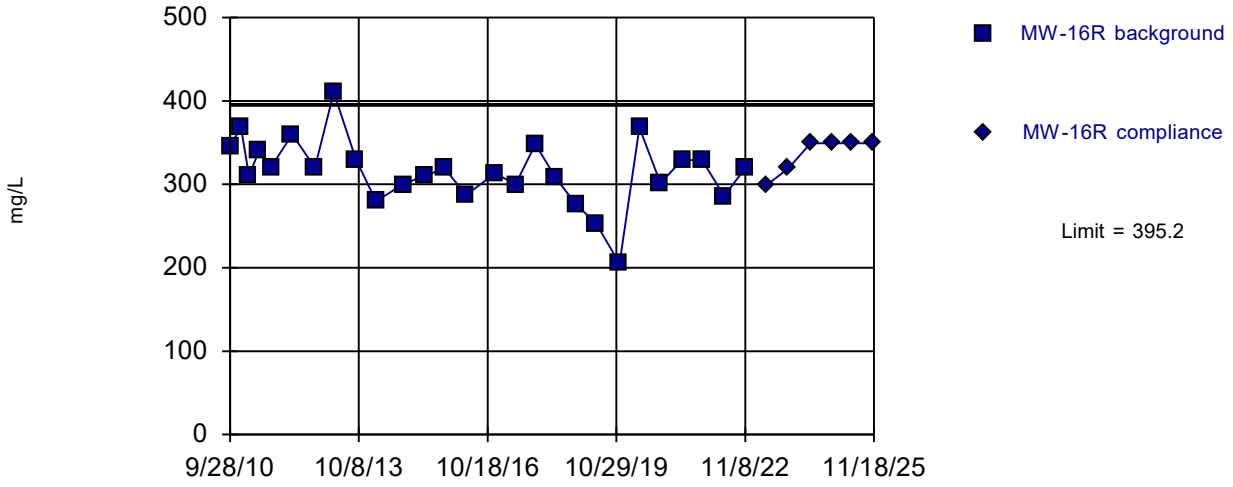
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

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.

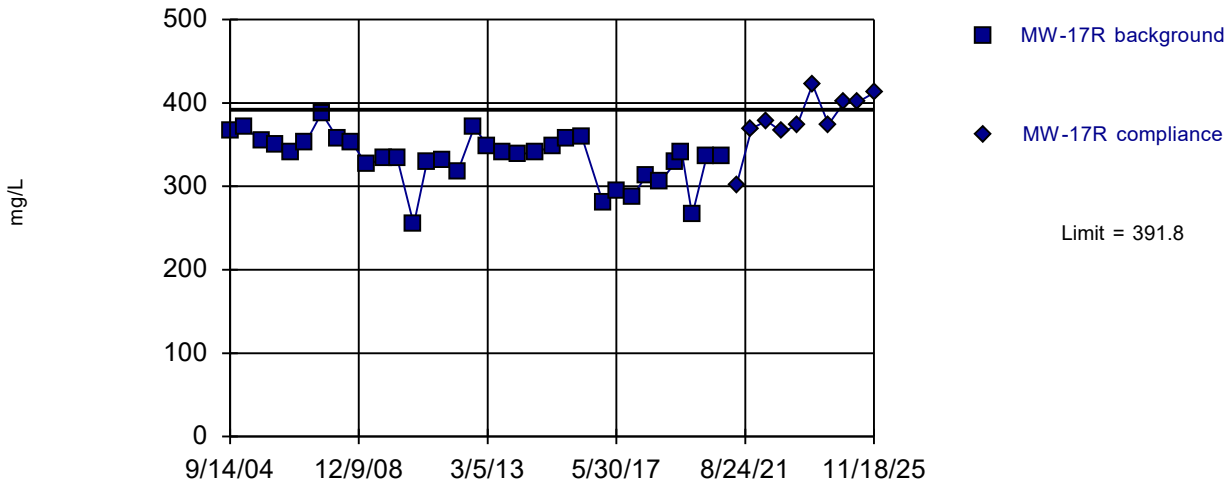
Constituent: Dissolved solids Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Exceeds Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=333.6, Std. Dev.=30.03, n=34. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, 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 12/18/2025 11:29 AM View: Prediction Limits

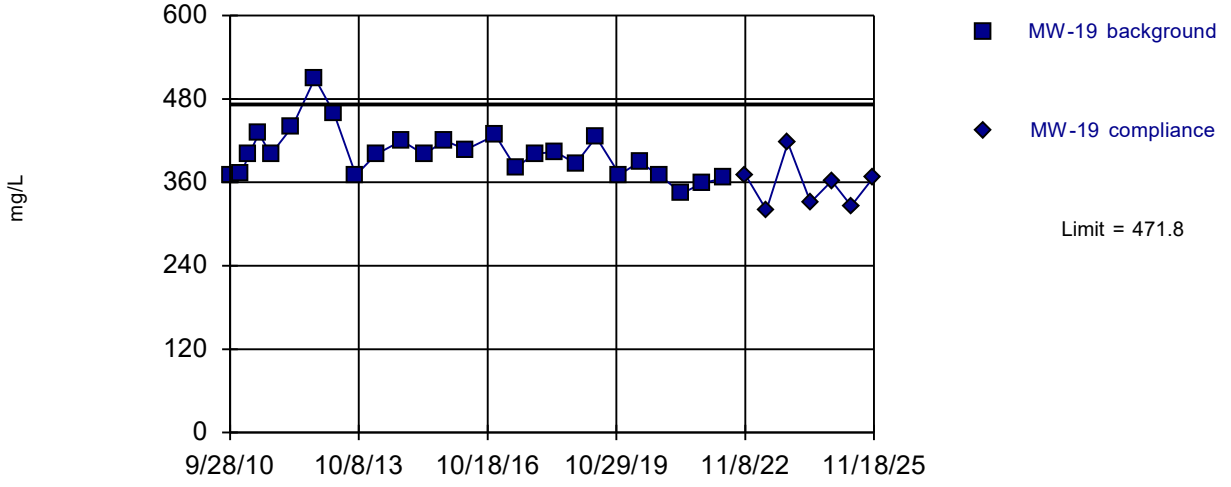
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=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.

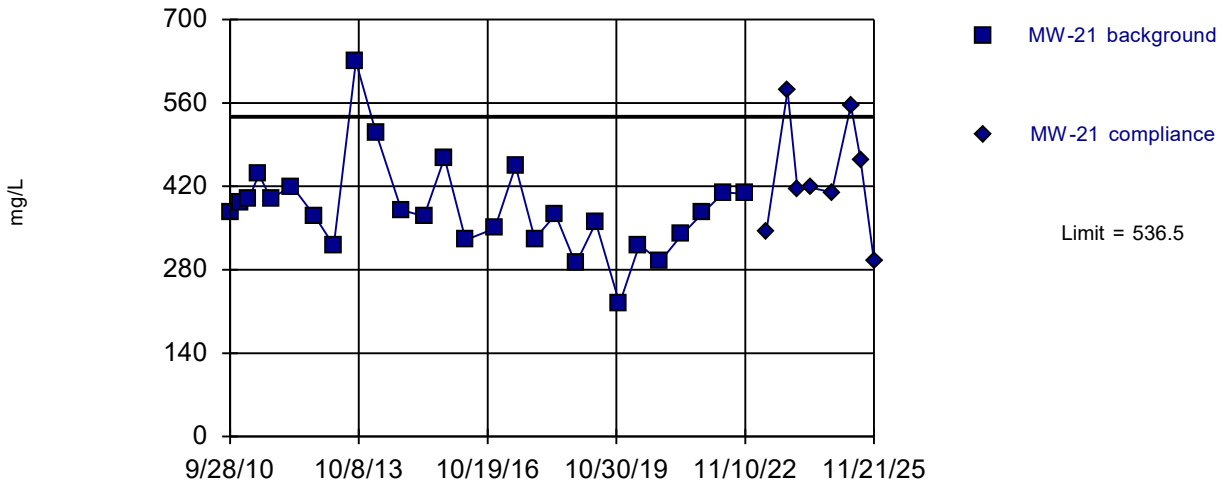
Constituent: Dissolved solids Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

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 12/18/2025 11:29 AM View: Prediction Limits

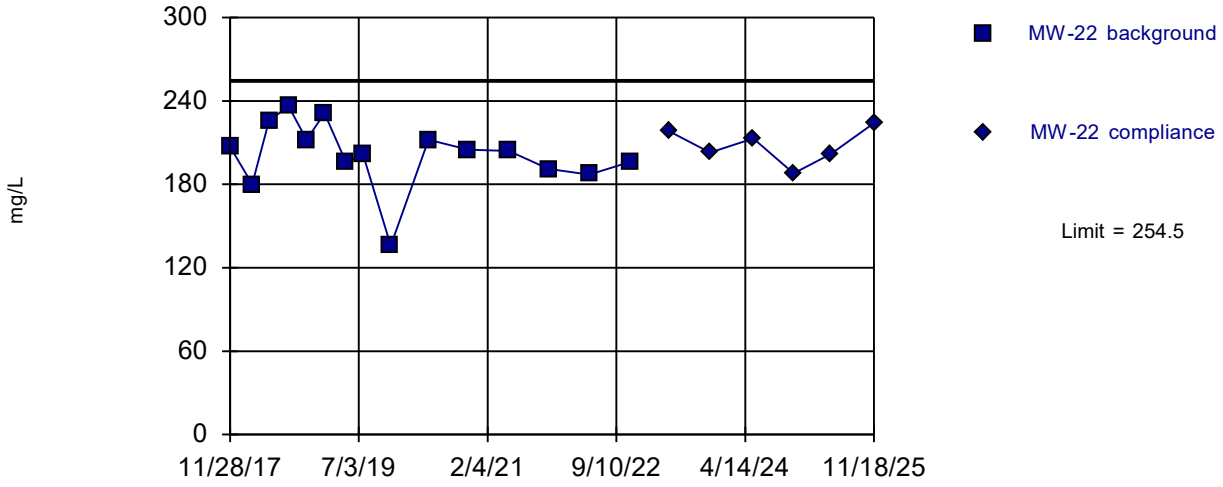
Legacy Landfill Client: CCSWDA Data: Craighead County LF

Sanitas™ v.10.1.02 Software licensed to Olsson. UG

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.

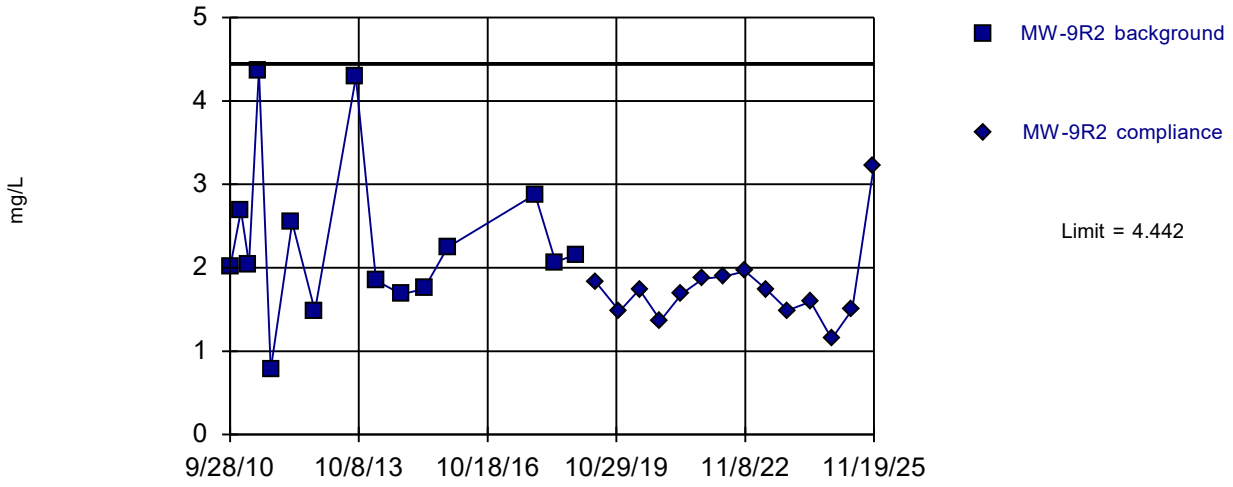
Constituent: Dissolved solids Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=2.32, Std. Dev.=0.9577, n=15. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8838, 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 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

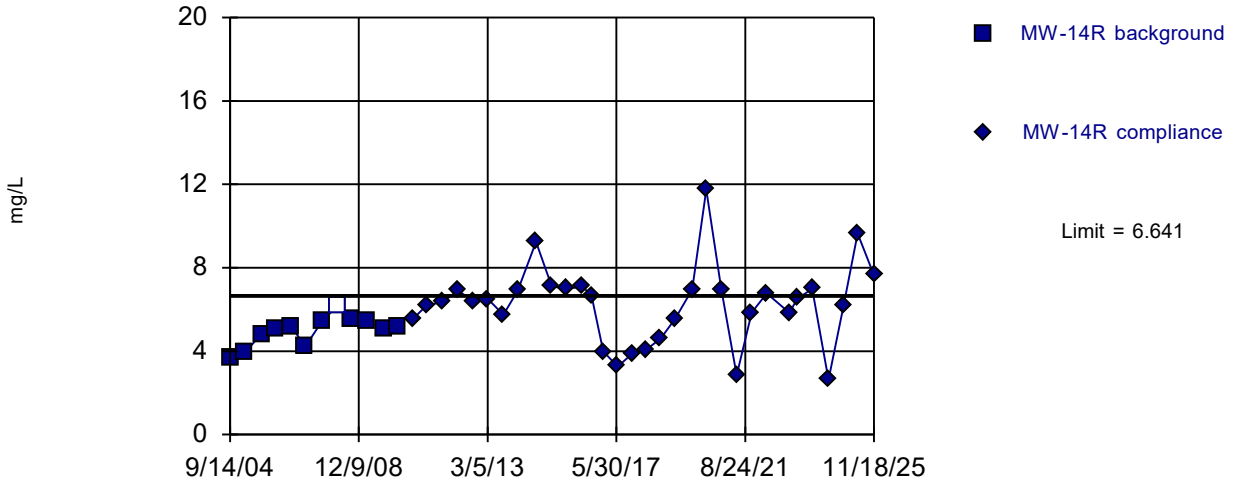


Hollow symbols indicate censored values.

Exceeds Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=4.973, 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.

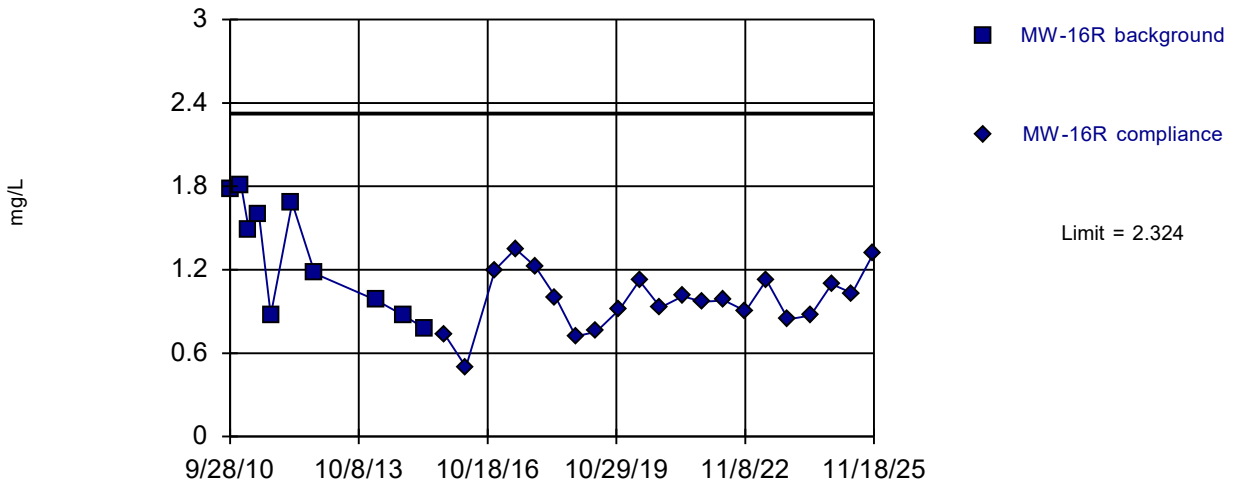
Constituent: Iron Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=1.303, Std. Dev.=0.4092, n=10. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8771, 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 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

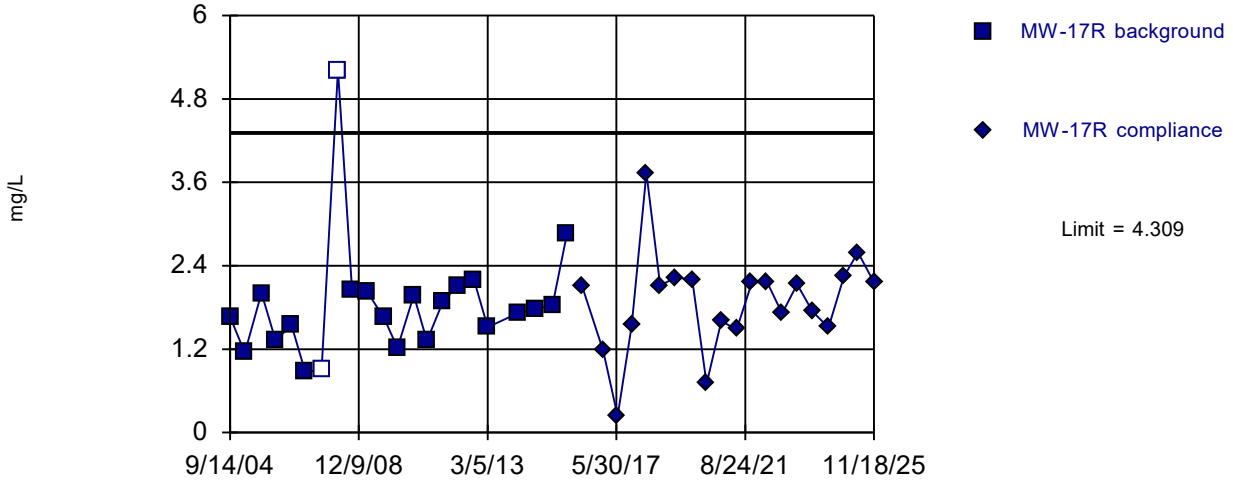
Sanitas™ v.10.1.02 Software licensed to Olsson. UG

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 = 0.9251, critical = 0.878. Kappa = 2.049 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

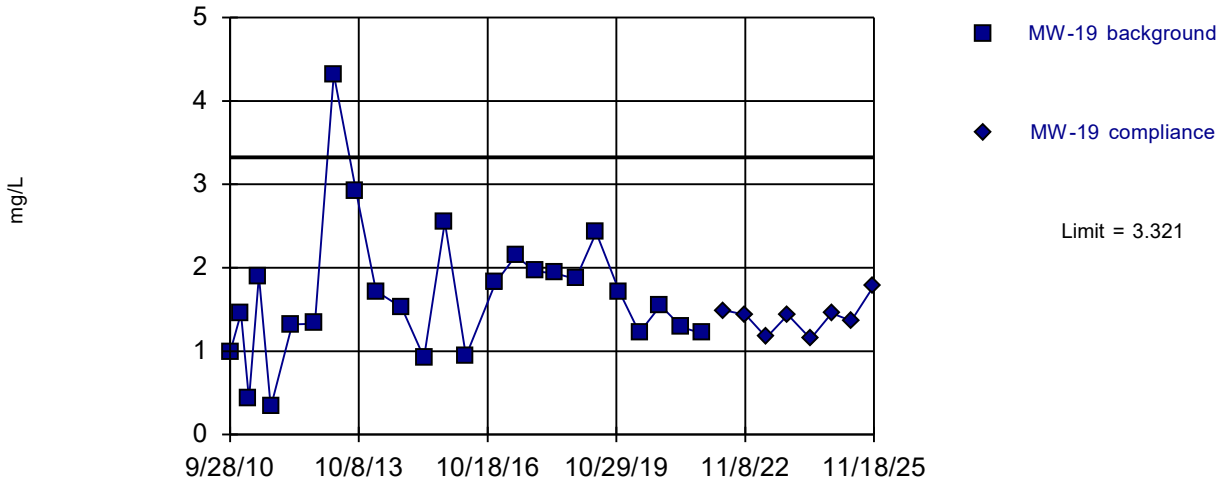
Constituent: Iron Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=1.669, Std. Dev.=0.8225, n=25. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.912, 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 12/18/2025 11:29 AM View: Prediction Limits

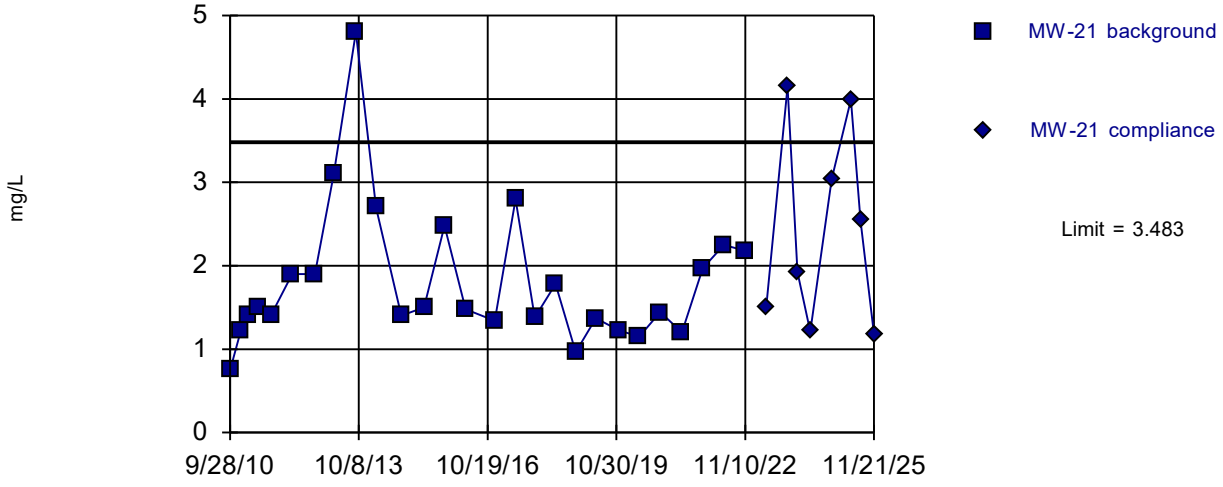
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary (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.

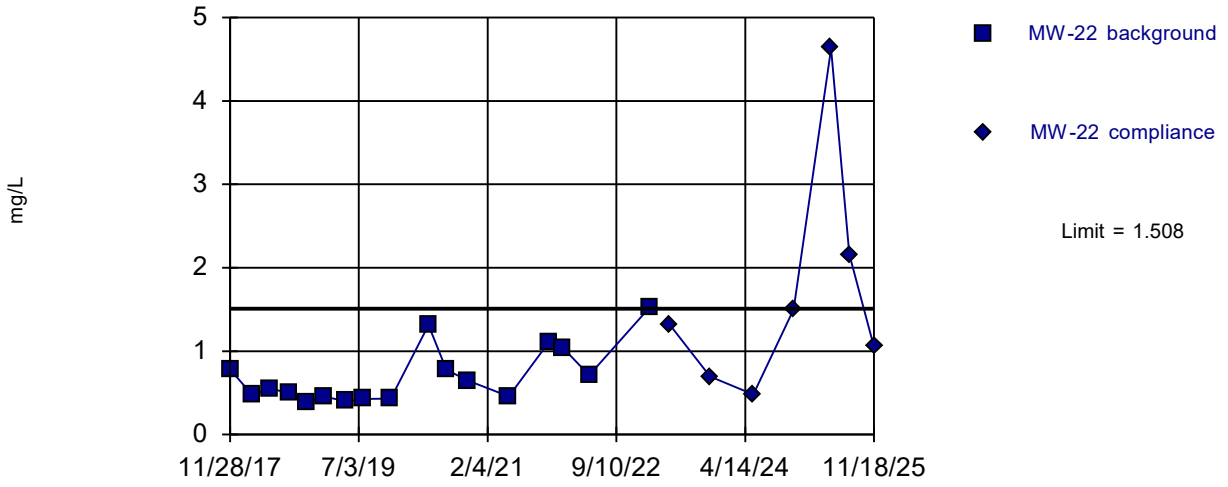
Constituent: Iron Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within 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 12/18/2025 11:29 AM View: Prediction Limits

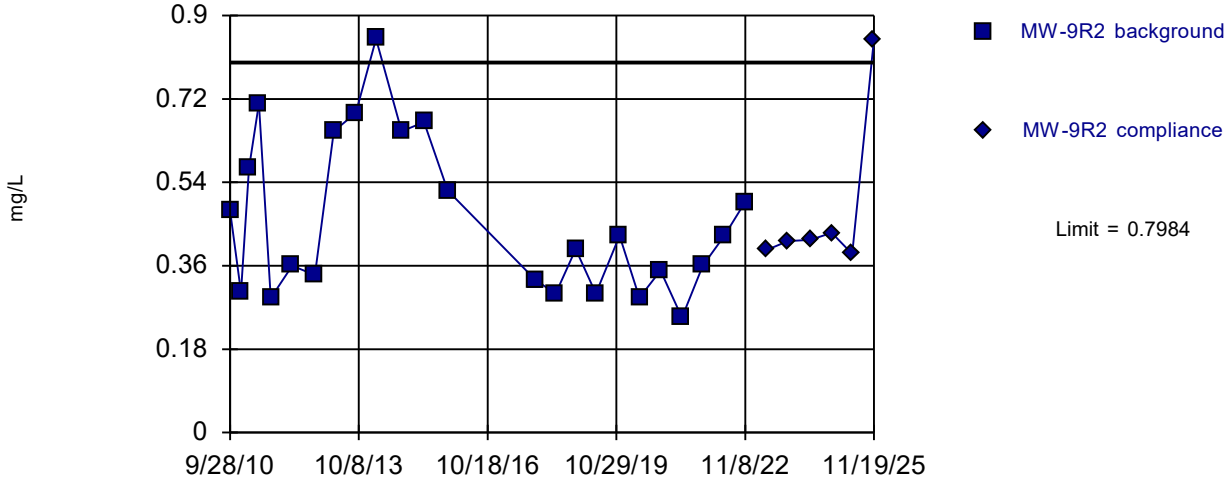
Legacy Landfill Client: CCSWDA Data: Craighead County LF



Exceeds 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.

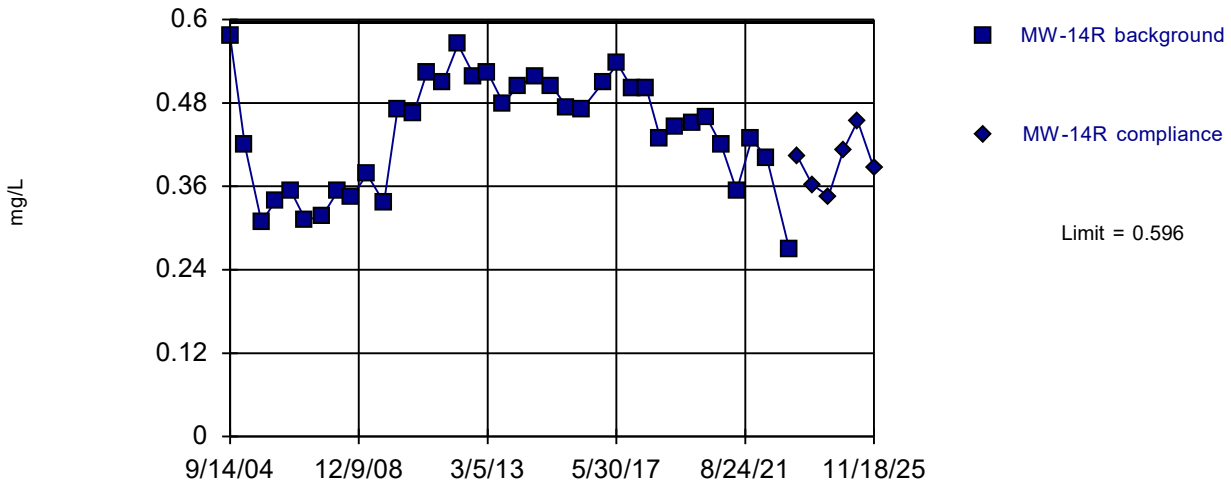
Constituent: Manganese Analysis Run 1/8/2026 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

Within Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=0.4395, Std. Dev.=0.08137, n=37. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9412, 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 12/18/2025 11:29 AM View: Prediction Limits

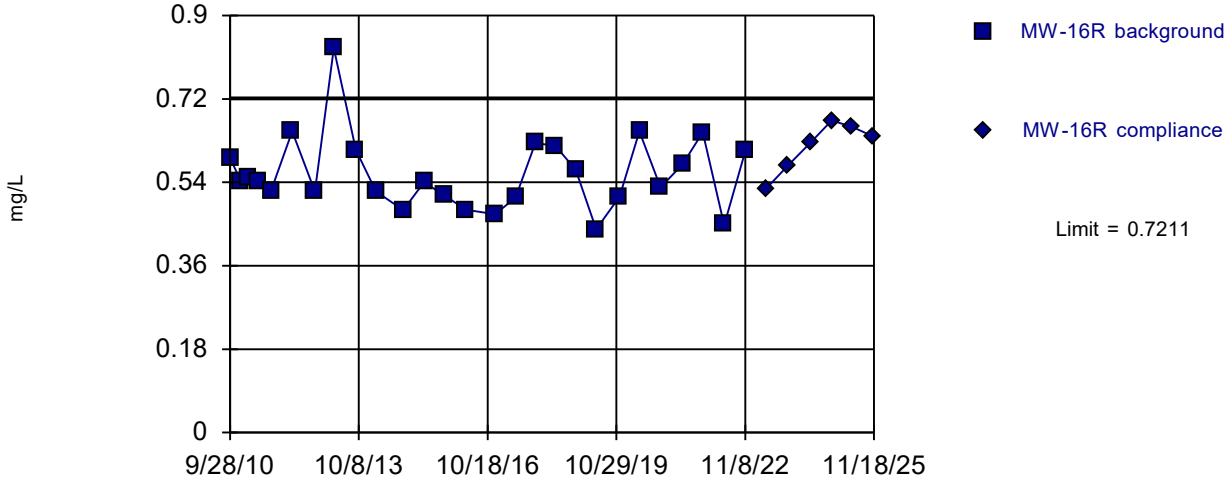
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=0.5587, 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 12/18/2025 11:29 AM View: Prediction Limits

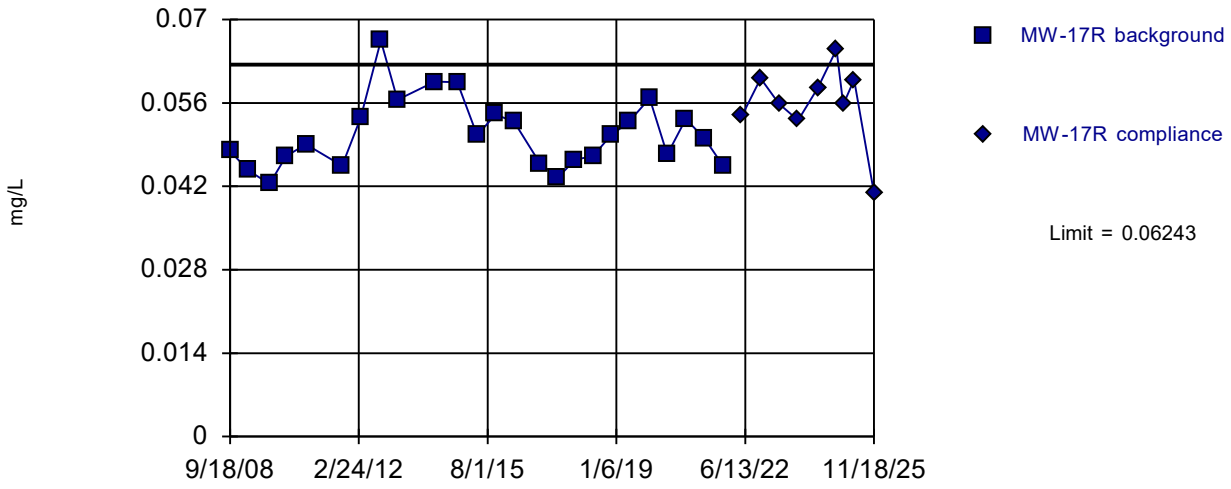
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=0.05075, Std. Dev.=0.005819, n=25. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9395, 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 12/18/2025 11:29 AM View: Prediction Limits

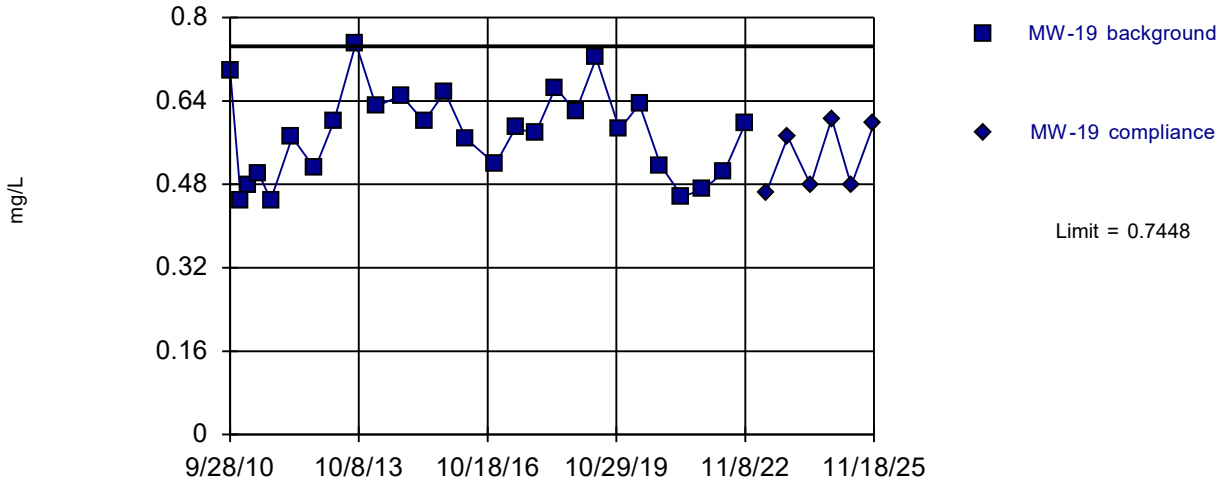
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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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.

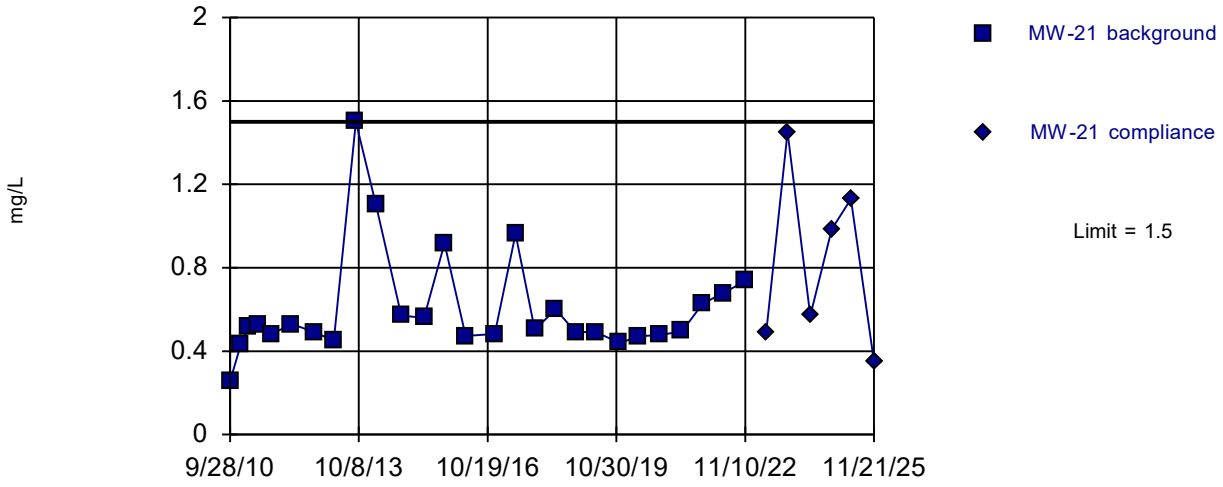
Constituent: Manganese Analysis Run 12/18/2025 11:29 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 12/18/2025 11:29 AM View: Prediction Limits

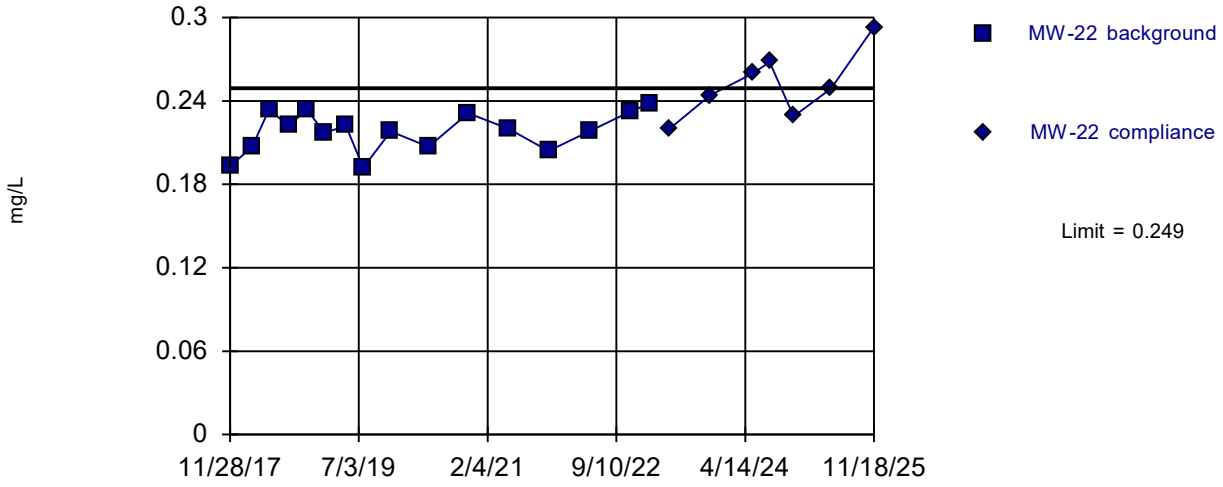
Legacy Landfill Client: CCSWDA Data: Craighead County LF



Exceeds 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 1/8/2026 11:29 AM View: Prediction Limits

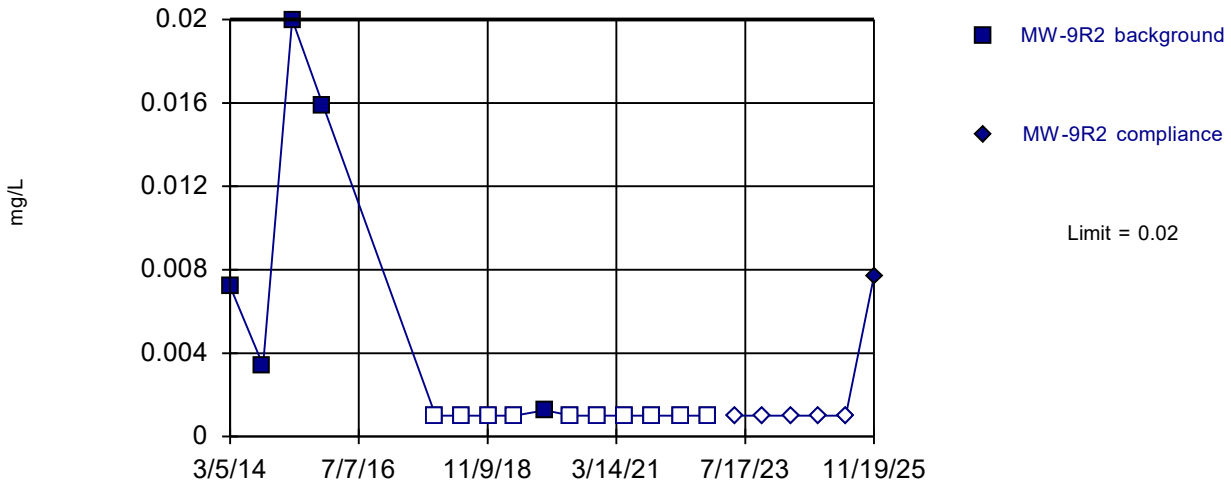
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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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 censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Nickel Analysis Run 12/18/2025 11:36 AM View: Prediction Limits

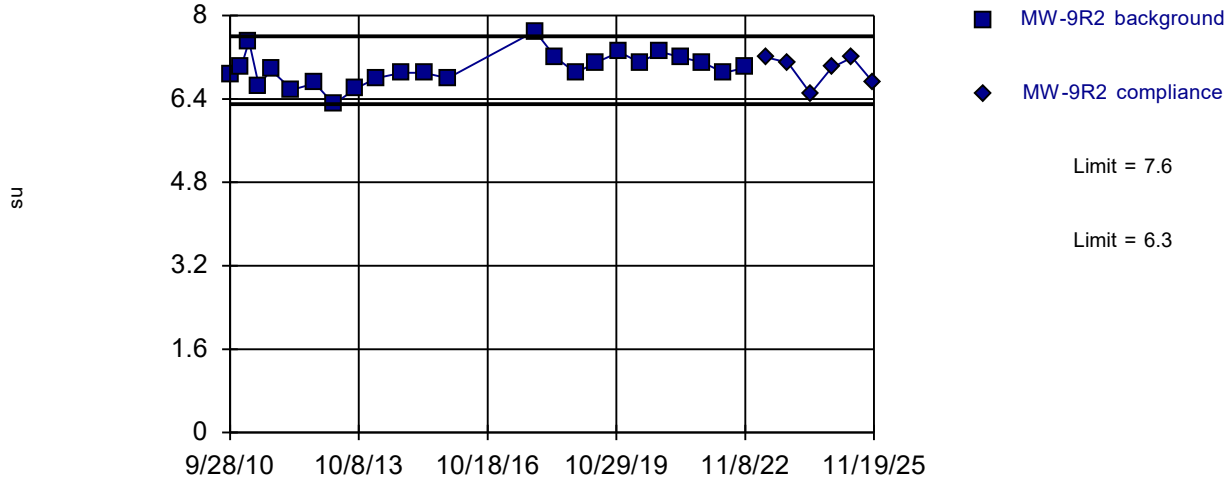
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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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.

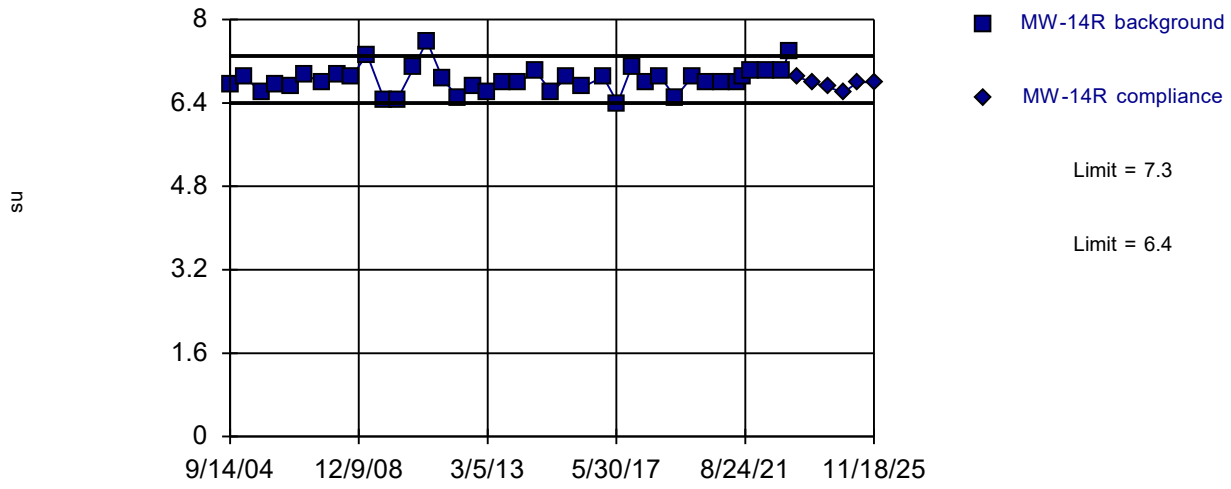
Constituent: pH Analysis Run 12/18/2025 11:30 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 12/18/2025 11:30 AM View: Prediction Limits

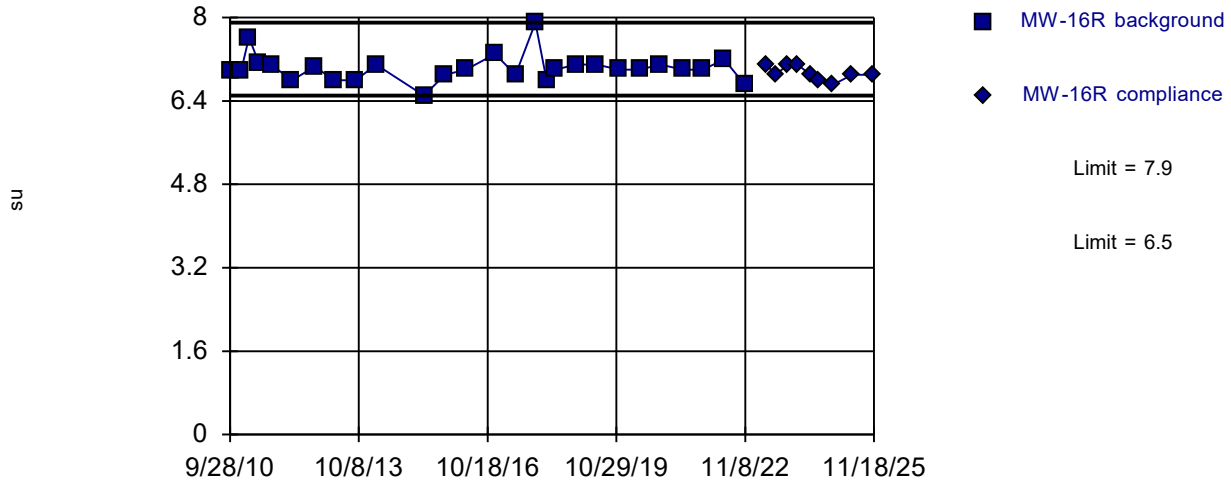
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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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.

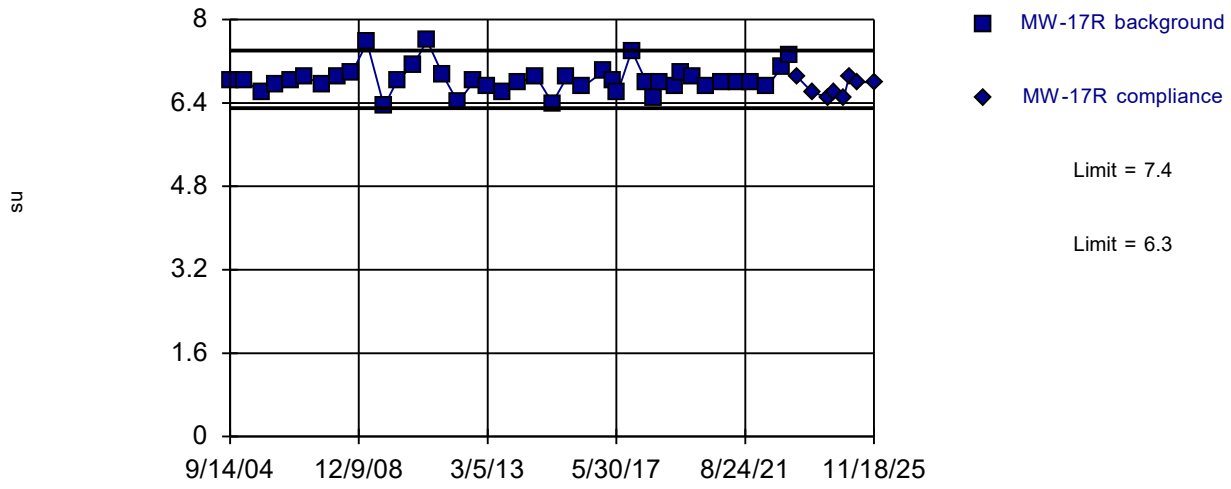
Constituent: pH Analysis Run 12/18/2025 11:30 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 12/18/2025 11:30 AM View: Prediction Limits

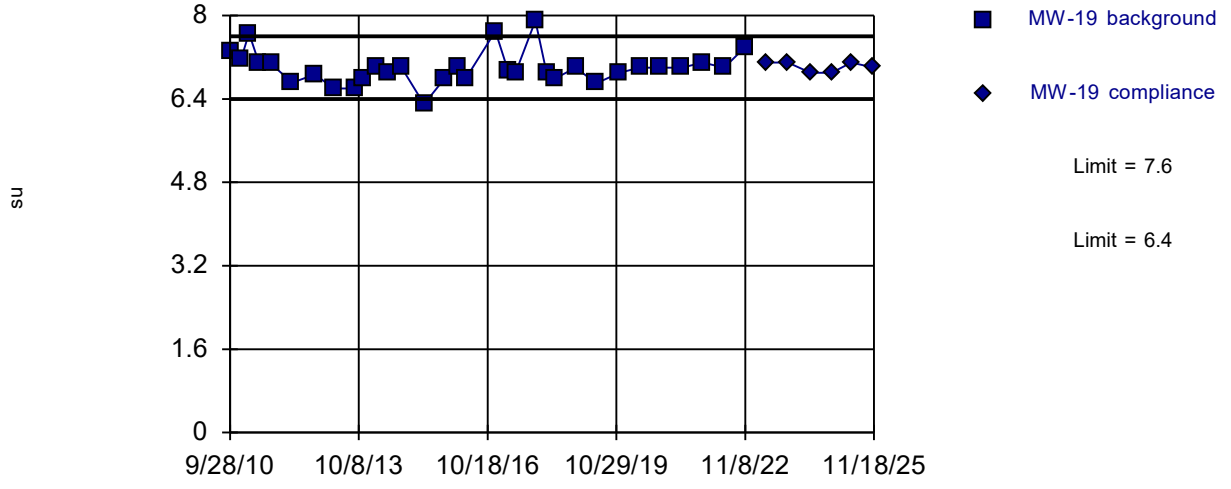
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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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.

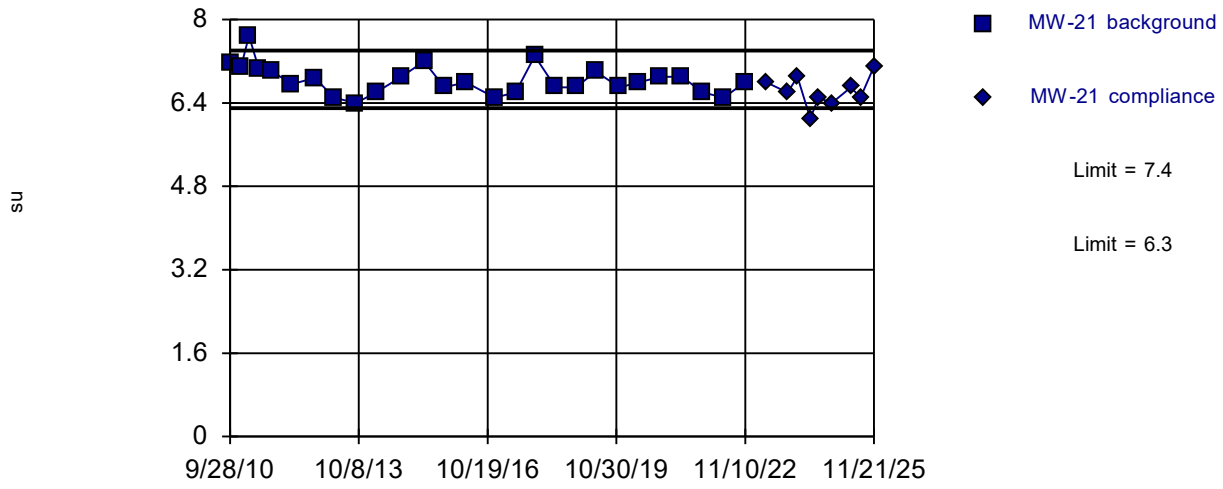
Constituent: pH Analysis Run 12/18/2025 11:30 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 12/18/2025 11:30 AM View: Prediction Limits

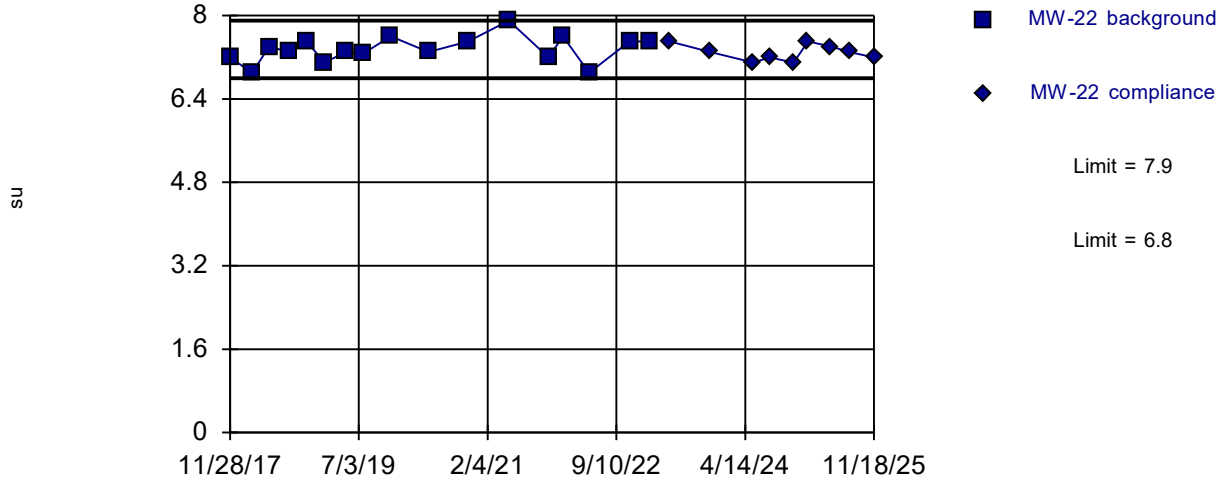
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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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.

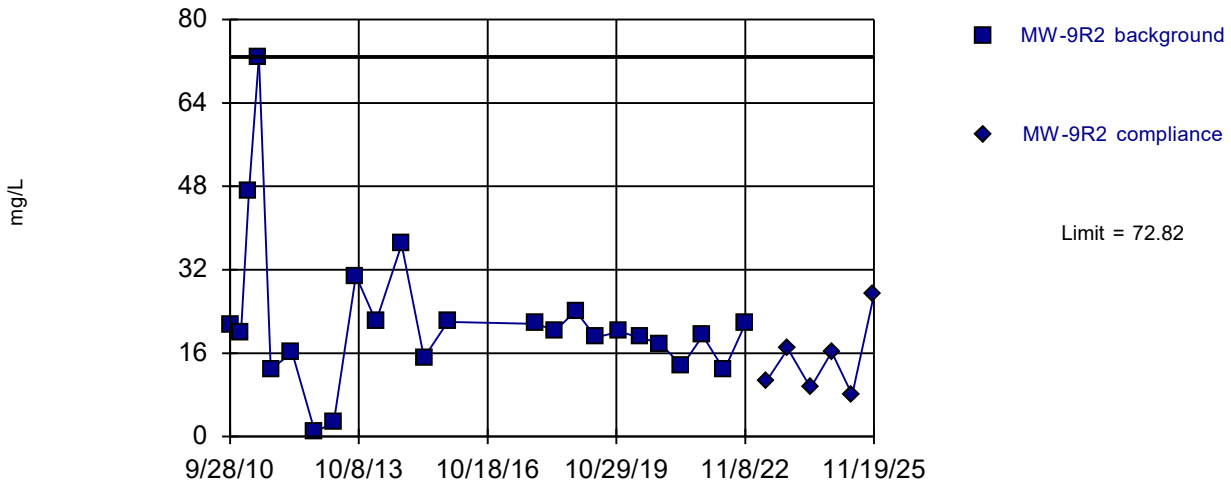
Constituent: pH Analysis Run 12/18/2025 11:30 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 12/18/2025 11:30 AM View: Prediction Limits

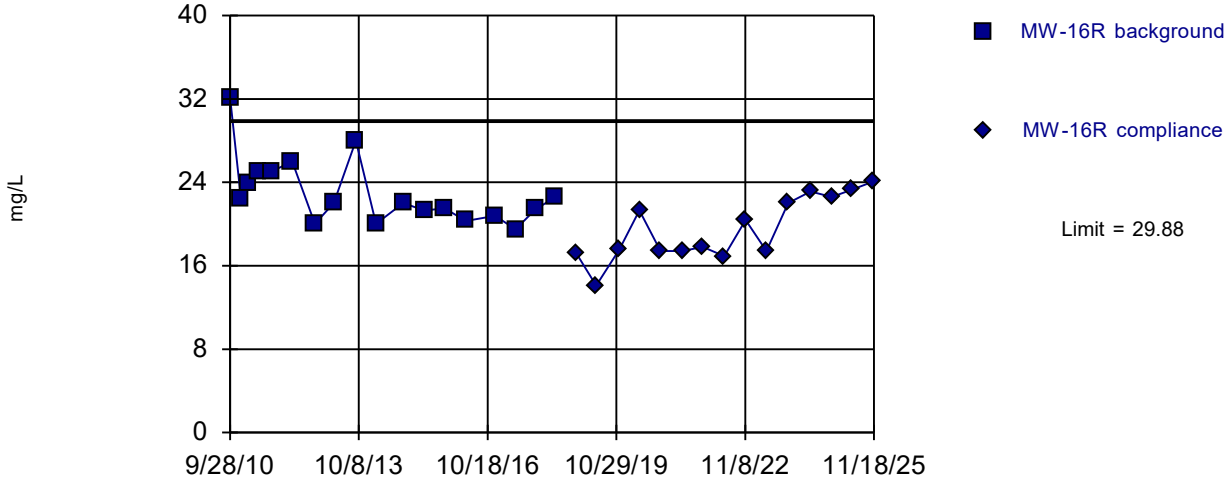
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=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.

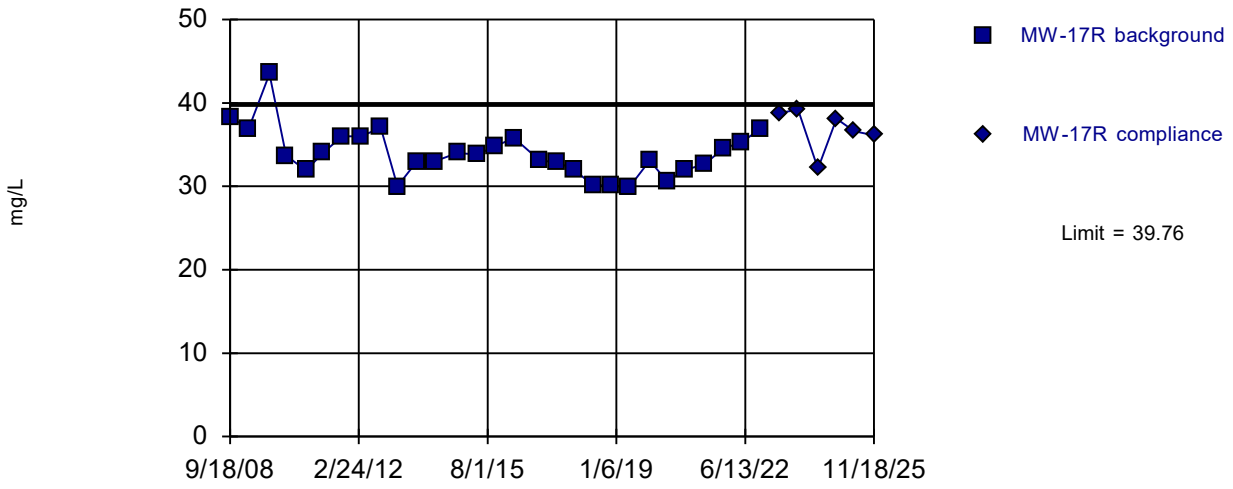
Constituent: Sulfate Analysis Run 12/18/2025 11:30 AM View: Prediction Limits

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 12/18/2025 11:30 AM View: Prediction Limits

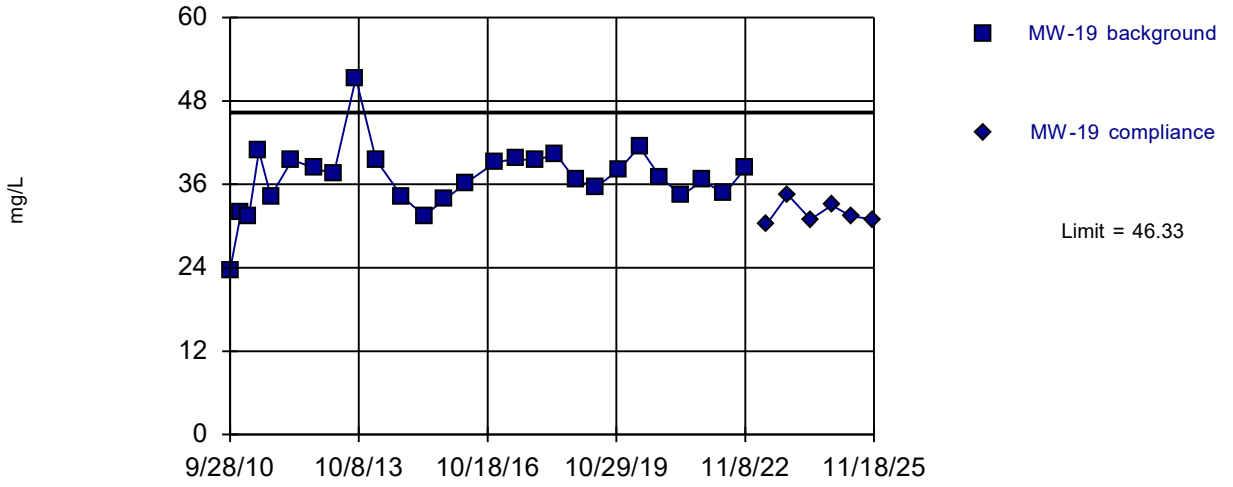
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

## Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=36.87, Std. Dev.=4.759, n=27. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9149, critical = 0.894. Kappa = 1.989 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

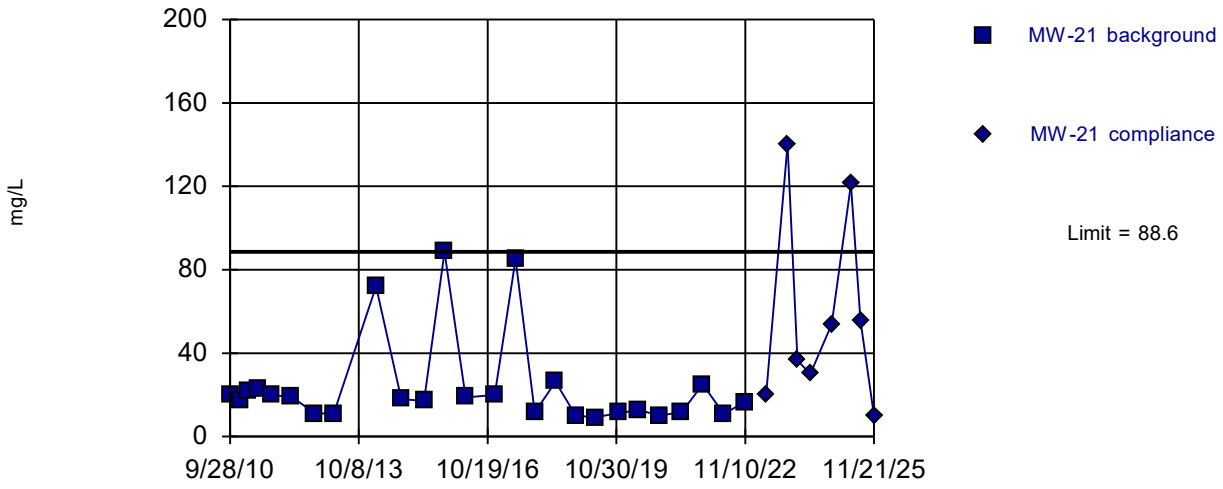
Constituent: Sulfate Analysis Run 12/18/2025 11:30 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

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 12/18/2025 11:30 AM View: Prediction Limits

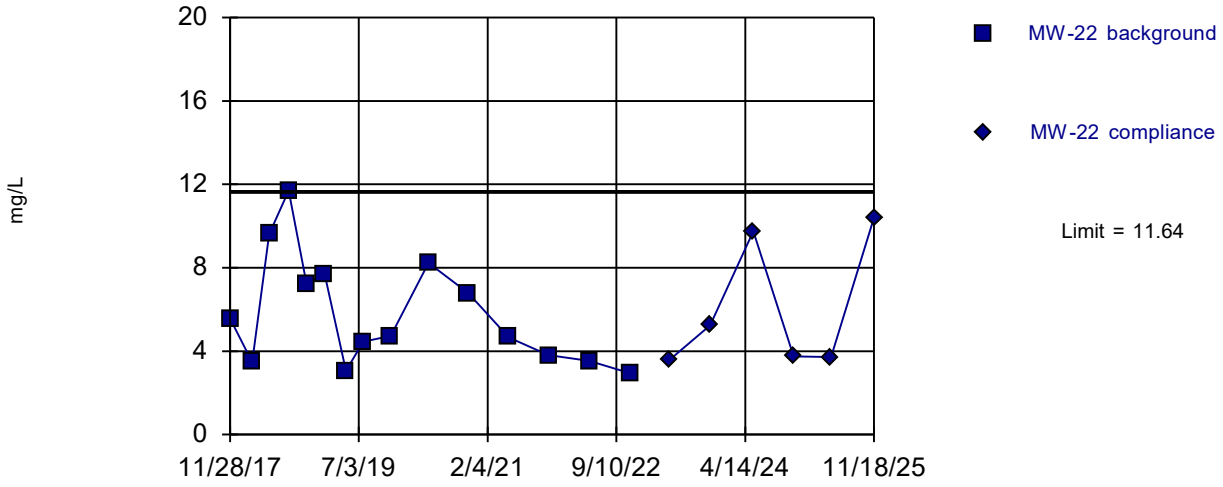
Legacy Landfill Client: CCSWDA Data: Craighead County LF

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Within Limit

# Prediction Limit

Intrawell Parametric




Background Data Summary: Mean=5.832, Std. Dev.=2.624, n=15. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9075, critical = 0.835. Kappa = 2.215 (c=9, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001462.

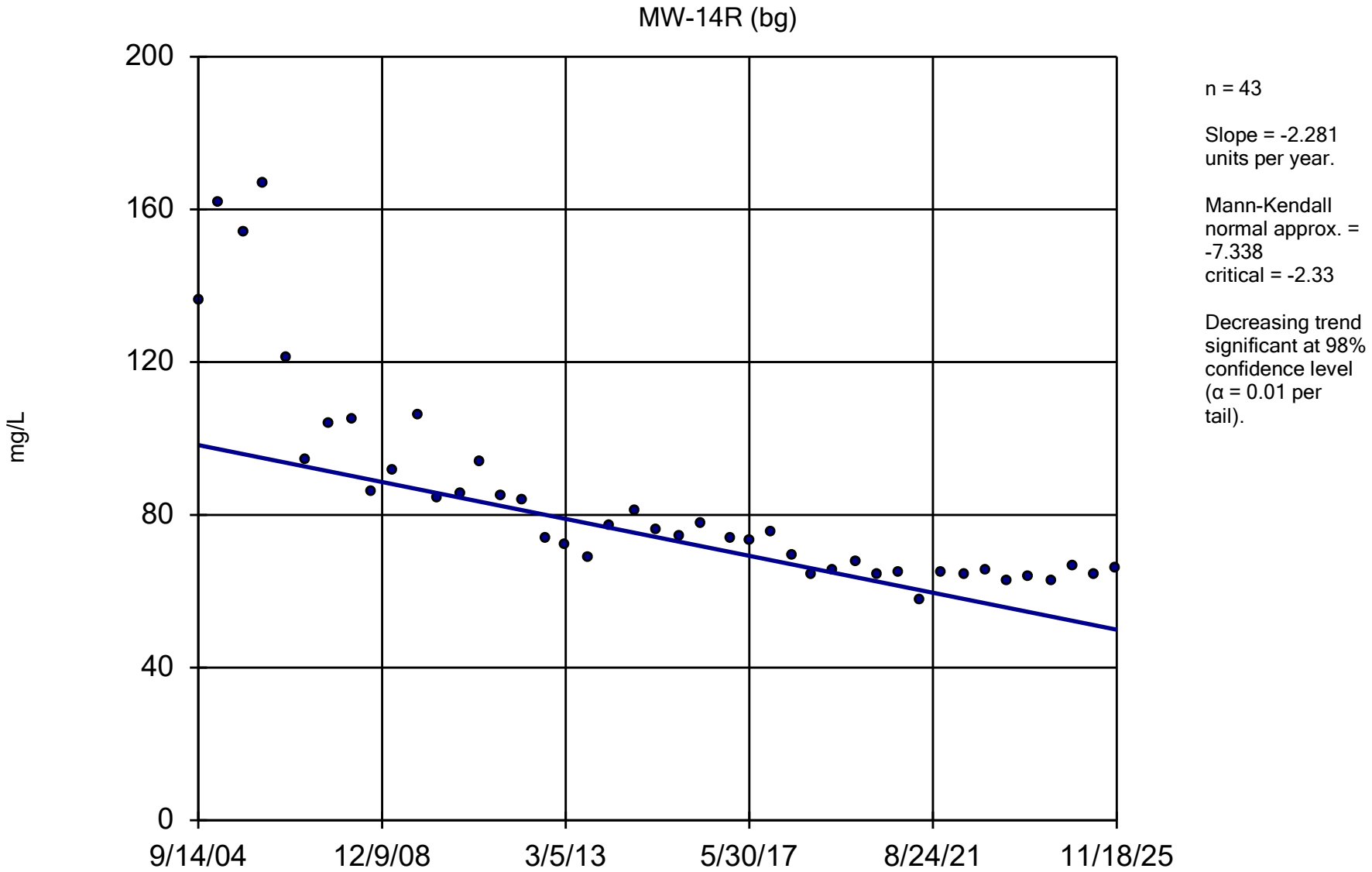
Constituent: Sulfate Analysis Run 12/18/2025 11:30 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF

# TREND TEST RESULTS
# SECOND HALF 2025 DETECTION MONITORING

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# Sen's Slope Estimator




Constituent: Sulfate  Analysis Run 12/18/2025 11:59 AM  View: Trends

Legacy Landfill  Client: CCSWDA  Data: Craighead County LF

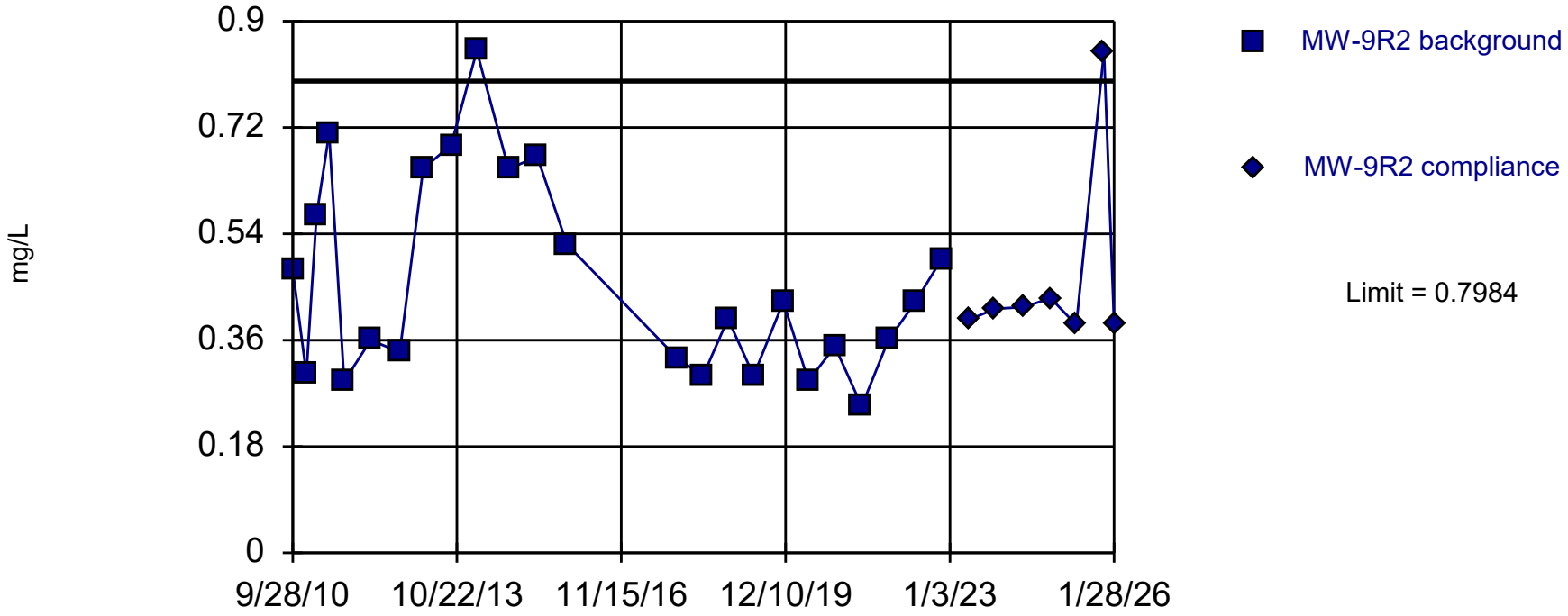
# PREDICTION LIMIT RESULTS
# SECOND HALF 2025 VERIFICATION SAMPLING

Sanitas™ v.10.1.03a Software licensed to Olsson. UG

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 2/5/2026 6:07 AM View: Prediction Limits

Legacy Landfill Client: CCSWDA Data: Craighead County LF