2025 Annual Water Quality Report

Landfill of North Iowa
Clear Lake, Iowa

March 2026

IDNR Permit No. 17-SDP-01-75P
Project I.D.: 26L005.00

Solving our clients' toughest science and engineering challenges.

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March 31, 2026

Alexis Slade
Iowa Department of Natural Resources
6200 Park Avenue, Suite 200
Des Moines, IA 50321

Re: 2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Dear Alexis Slade:

On behalf of the Landfill of North Iowa (LNI), Foth Infrastructure & Environment, LLC (Foth) is submitting the 2025 Annual Water Quality Report (AWQR) as required by Iowa Department of Natural Resources (IDNR) Permit No. 17-SDP-01-75P. The contents of this report are intended to satisfy the requirements of 567 Iowa Administrative Code (IAC) 113.10(5)c(1) and 113.10(6)d(1) related to recordkeeping and notification, and annual reporting requirements listed in IAC 113.10(10).

This report was prepared using the IDNR AWQR report format. The Monitoring Well Maintenance and Performance Reevaluation Schedule and Summary, Leachate Control System Performance Evaluation Report, and Methane Monitoring Report have been incorporated directly into the AWQR as Tables 4, 5, 12, and 13.

Thank you for your attention to this matter. Please contact us at our numbers listed below if you have any questions or need additional information.

Sincerely,

Foth Infrastructure & Environment, LLC

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2025 Annual Water Quality Report

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2025 Annual Water Quality Report
Landfill of North Iowa

Project ID: 26L005.00

Prepared for

Landfill of North Iowa

15942 Killdeer Avenue
Clear Lake, IA 50428

Prepared by

Foth Infrastructure & Environment, LLC

March 2026

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Certifications

I hereby certify that this document was prepared by me or under my direct supervision and that I am a qualified groundwater scientist as defined in 567 Iowa Administrative Code 113.10(1)d.



3/31/2026

Gina Wilming (date)
Iowa G.W.P. No. 2099.

My certification renewal date is
December 31, 2027.

For the purposes of 567 Iowa Administrative Code 113.10(1)d, a "qualified groundwater scientist" means a scientist or an engineer who has received a baccalaureate or postgraduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields demonstrated by state registration, professional certifications, or completion of accredited university programs that enable that individual to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action.

List of Abbreviations, Acronyms, and Symbols

ACM	assessment of corrective measures
AWQR	Annual Water Quality Report
bgs	below ground surface
CFR	Code of Federal Regulations
cm/s	centimeters per second
Earth Tech	Earth Tech, Inc.
Foth	Foth Infrastructure & Environment, LLC
GWPS	groundwater protection standard
HDR	HDR Engineering, Inc.
HHM RCC	Household Hazardous Materials Regional Collection Center
HMSP	Hydrologic Monitoring System Plan
IAC	Iowa Administrative Code
IDNR	Iowa Department of Natural Resources
LCSPER	Leachate Control System Performance Evaluation Report
LEL	Lower Explosive Limit
LNI	Landfill of North Iowa
MCL	Maximum Contaminant Level
mg/L	milligrams per liter
MMR	Methane Monitoring Report
MNA	monitored natural attenuation
SRAMP	Site Remedial Action and Mitigation Plan
SSI	statistically significant increase (over background)
SSL	statistically significant level (over GWPS)
TSS	total suspended solids
USEPA	United States Environmental Protection Agency

1. Executive Summary

Foth Infrastructure & Environment, LLC (Foth) was retained by the Landfill of North Iowa (LNI) to provide an annual report summarizing the groundwater quality and hydrogeologic monitoring activities during 2025. This 2025 Annual Water Quality Report (AWQR) was prepared using the Iowa Department of Natural Resources (IDNR) AWQR report format. The Monitoring Well Maintenance and Performance Reevaluation Schedule and Summary, Leachate Control System Performance Evaluation Report (LCSPER), and Methane Monitoring Report (MMR) have been incorporated directly into the AWQR as Tables 4, 5, 12, and 13.

1.1 Period of Report Coverage

This AWQR presents an evaluation of the groundwater monitoring, methane monitoring, and leachate collection system monitoring, maintenance, and performance activities conducted at the Landfill of North Iowa for the period of January 1 through December 31, 2025.

1.2 Report Priority

No actions or activities are on hold due to the completion of IDNR review or comment. There are no changes to the Hydrologic Monitoring System Plan (HMSP) requested in this report.

Foth requests IDNR review and approval of the following:

- As further discussed in Table 12, amend Permit Special Provision X.2 and the leachate monitoring network by removing LHPZ-6 due to the ongoing issues with entrapped sediment impacting the representativeness of the levels measured. LHPZ-7 continues to monitor leachate head levels at the lowest point of Cell A, Phases I-III.

1.3 Site Status and Applicable Rules

LNI is located approximately 3 miles west-southwest of Mason City, Iowa in Section 22, Township 96 North, Range 21 West, in Clear Lake, Iowa. The property is bound to the north by 250th Street and to the east by Killdeer Avenue. The surrounding land use is agricultural and residential. A site map depicting the characteristics of the landfill and surrounding areas is provided as Figure 1.

The permitted portion of the landfill includes the closed Existing Unlined Disposal Area, the Existing Lined Disposal Area, and Cell A - Phases I, II, and III. Cell A - Phases I-III currently serve as the active filling areas. The landfill operates under Sanitary Disposal Project Permit No. 17-SDP-01-75P, renewed by the IDNR on February 14, 2022 (IDNR, 2022). The applicable regulatory requirements are established in the most recent revisions to 567 Iowa Administrative Code (IAC) Chapter 113 (effective 12/10/07).

Groundwater monitoring and reporting activities were conducted in accordance with Special Provision X.5 and 567 IAC 113.10. Details regarding the statistical methods utilized are included with the statistical reports in Appendix B. Monitoring well maintenance and performance was conducted in accordance with 567 IAC 113.10(2)f.

Methane monitoring and reporting activities were conducted in accordance with Special Provision X.6 and 567 IAC 113.9(2).

The leachate collection system monitoring, maintenance, and performance activities were conducted in accordance with Permit Special Provisions X.2 and X.4 and 567 IAC 113.7(5)b.

2. Site Background

2.1 Site History

LNI consists of approximately 320 acres. The facility has been in operation since 1971 and has accepted municipal, commercial, and industrial wastes from Cerro Gordo and Franklin Counties, and parts of Floyd, Hancock, Winnebago, Wright, and Worth Counties in Iowa. The facility also serves as a regional collection for the collection of eligible household hazardous material and hazardous wastes from very small quantity generators within this service area and from contracted satellite facilities.

Comprising approximately 41 acres, the Existing Unlined Disposal Area located on the north side of the property is a closed, unlined disposal area. In 1996, a gravity toe drain was installed along approximately 500 feet of the southeast perimeter of this area. The toe drain was tied into the leachate collection system for the Existing Lined Disposal Area (HDR, 1996).

Located south of the Existing Unlined Disposal Area, the Existing Lined Disposal Area comprises approximately 27 acres and is a combination of closed clay-lined and active composite-lined phases. The initial phased development was constructed along the western portion of the expansion area using a compacted clay liner and an underdrain leachate collection system. In 1997 and 1999, Phases I and II of the Existing Lined Disposal Area were constructed to the east with a compacted clay and geosynthetic liner and an underdrain leachate collection system. The composite liner was tied into the existing clay liner for the western portion, and the leachate collection systems were connected (Earth Tech, 1999).

In 2009, the 8.8-acre Cell A, Phase I expansion cell was constructed south of the west portion of the Existing Lined Disposal Area. Cell A, Phase I was constructed with a geosynthetic liner, a groundwater underdrain system, and an underdrain leachate collection system. The groundwater underdrain system for Cell A, Phase I gravity drains to a sump located west of the cell, where it is pumped to a man-made ditch running northwest, eventually discharging into Crane Creek (AECOM, 2009).

In 2013, the 8.8-acre Cell A, Phase II expansion cell was constructed east of Phase I. Phase II was constructed with a geosynthetic liner, a groundwater underdrain system, and an underdrain leachate collection system. The liner, leachate collection system, and groundwater underdrain systems were tied into Phase I (AECOM, 2014). In addition, a composite liner was constructed over the south slope of the Existing Lined Disposal Area adjacent to Phase I. The slope liner was tied into the liner for Phase I. This liner was constructed to allow for placement of waste adjacent to the south slope of the Existing Lined Disposal Area while filling Cell A, Phase I. IDNR required the composite liner up the south slope to prevent leachate from entering the Existing Lined Disposal Area (AECOM, 2014).

In 2018, the leachate force main project was constructed in accordance with the plans and specifications for the *Landfill of North Iowa Sewer Force Main Project* (Foth, 2018) approved by IDNR through Permit Special Provision X.3.i. The project consisted of: installation of a new trench drain along the westerly toe of the Existing Lined Disposal Area; removal of the north leachate load-out (Load-Out #1); extension of the gravity transmission line from former Load-Out #1 to the existing Cell A manhole that drains to a 96-inch lift station (Load-Out Lift Station or Load-Out #2); installation of a new on-site lift station (Primary Lift Station) located northwest of the Household Hazardous Materials Regional Collection Center (HHM RCC); installation of 4-inch force main piping from the Load-Out Lift Station to the Primary Lift Station; and installation of sanitary sewer force main between the Primary Lift Station and an existing City of Mason City sanitary sewer manhole near the Cerro Gordo Sheriff's Office. Temporary start-up of the new force main began on September 13, 2018, with full operation by October 2, 2018.

In 2019, the 8.8-acre Cell A, Phase III expansion cell was constructed east of Phases I and II. Phase III was constructed with an alternate clay liner, a geomembrane, a geosynthetic liner, a groundwater underdrain system, and an underdrain leachate collection system. The liners, groundwater underdrain system, and leachate collection system were tied into Phase II. Additional work was completed on the

existing stormwater drainage ditch located on the south side of Phases I and II. As part of Phase III construction, the stormwater manhole located on the southeast corner of Phase I, associated pumps and the control panel were removed. The existing drainage ditch was backfilled and regraded to allow for surface drainage to the stormwater pond. A culvert was installed underneath the landfill access road running along the west side of the landfill property. Stormwater collected in the modified ditch gravity drains through the new culvert to the existing stormwater located on the west side of the site. Cell A, Phase III construction was completed on November 18, 2019 (Foth, 2019b). IDNR approved the *Construction Quality Assurance Report, Cell A – Phase II Construction* (Foth, 2019b) and authorized placement of waste through Permit Special Provisions X.2.a and X.3.k.

In 2023, an abutment liner was installed on the north side of Cell A, Phases I and II. The abutment liner was tied into the north end of the liner for Cell A, Phases I and II, and overlays the clay-lined portion of the Existing Lined Disposal Area. The Cell A – Abutment Liner was constructed with a geosynthetic clay liner, a geomembrane, a geotextile cushion layer, and a tire-derived leachate drainage layer. In addition, nine gas vents were extended to the northern edge of the cell (Foth, 2024). IDNR authorized waste placement through Permit Special Provision X.3.l.

2.2 Geology and Hydrogeology

The site-specific geologic and hydrogeologic characteristics presented in this section are summarized from the 1990 *Hydrogeologic Investigation/Evaluation* submitted by HDR Engineering, Inc. (HDR, 1990) and the 2004 *Hydrogeological Investigation Report For Landfill Expansion* submitted by Earth Tech, Inc. (Earth Tech, 2004).

The Landfill of North Iowa is in the northwestern portion of Cerro Gordo County, situated on the east margin of the Des Moines Lobe region and near the Iowan Surface to the east. The landfill property was constructed on a small, elongated hill bounded to the north and west by Crane Creek, to the south by agricultural land, and to the east by Killdeer Avenue and agricultural land. Hydrogeologic investigations were completed at the site in 1971-72, 1976-77, 1989, and 2003.

2.2.1 Surficial Geology

The surficial stratigraphy generally consists of 24 to 70 feet of glacial till and glaciofluvial outwash deposits overlying Devonian-age bedrock. The surficial material is associated with moraines deposited by the Des Moines Lobe during the Wisconsinan glaciation. Four geologic units have been identified in the surficial deposits at the site.

An uppermost clayey sand till (Till Unit A), ranging from 0-21 feet thick, occurs as isolated deposits near MW-6-89 and in the southern expansion area near the topographic high at MW-21A-03. Soil samples indicated higher gravel, sand, and silt content in Till Unit A.

Glaciofluvial outwash deposits (Outwash Unit A), ranging from 4-34 feet thick, were identified beneath Till Unit A, where present, and at the surface along the western boundary of the landfill (deposited northeast to southwest). Outwash Unit A was characterized as well graded and poorly graded sand and silt with interbedded lenses of clay and silty sand.

A lower clayey sand till (Till Unit B), ranging from 10-49 feet thick, is found site-wide. Till Unit B underlies Outwash Unit A, where present, and exists at the surface along the eastern portion of the site and to the northern and southern portions of the site, where the uppermost till unit and glaciofluvial outwash deposits have eroded away. Soil samples indicated greater clay content in the lower till unit.

A second glaciofluvial outwash unit (Outwash Unit B) consisting of sand, silt, and silty sand was identified as a meandering deposit within Till Unit B. Outwash Unit B was deposited concurrently with Till Unit B as

an intraglacial fluvial deposit and appears to have been deposited north to south in a dendritic-type pattern with branches in the southeasterly and southwesterly directions.

2.2.2 Bedrock Geology

The sequence of bedrock formations, from oldest to most recent, beneath the site consist of igneous or metamorphic to sedimentary Precambrian formations overlain by sedimentary formations of Cambrian, Ordovician, and Devonian age overlain by the surficial outwash and till deposits. At the site, the bedrock surface was encountered at depths ranging between 21.5-65 feet below ground surface (bgs). Similar to the topographic ground surface, the bedrock surface occurs as a dome, sloping gently toward the southwest and the northwest with the highest elevation occurring in the northeast corner of the property.

The uppermost bedrock unit is the Devonian-aged Lime Creek Formation (90-105 feet thick) and generally consists of weathered and fractured limestone or dolomite that becomes more competent with depth. The lower portion of the Lime Creek Formation consists of shale deposits with thin dolomite layers, called the Juniper Hill Shale, which may locally act as an aquitard. Dolomite of the Devonian-aged Cedar Valley Formation underlies the Lime Creek Formation and extends to a depth of approximately 270 feet bgs.

2.2.3 Hydrogeology

The water table at the site occurs within Outwash Unit A, Till Unit B, and Outwash Unit B. The depth to the water table ranges from 2 feet bgs near Crane Creek to 26 feet in the central portion of the southern expansion area. Mounding is apparent within the Existing Unlined Disposal Area. Shallow groundwater flows radially to the northwest, west, and southwest toward Crane Creek.

The surficial deposits form an unconfined, unconsolidated flow system. Average horizontal hydraulic conductivity was 4.9x10-3 centimeters per second (cm/s) for Outwash Unit A, 1.6x10-4 cm/s for Till Unit B, and 1.6x10-4 cm/s for Outwash Unit B. The higher permeability of the surficial deposits indicates that the glacial deposits would not provide confining conditions to the underlying bedrock units.

Horizontal flow velocities ranged from 6 to 35 feet/year within the surficial deposits. Vertical flow velocities ranged from 0.2 to 0.7 feet/year downward across most of the site, with upward vertical flow velocities ranging between 0.1 to 0.3 feet/year in the southern expansion area at MW-21A/B and MW-22A/B. While horizontal groundwater flow predominates, some downward movement into the fractures and cavities of the Lime Creek Formation occurs. The confining Juniper Hill Shale at the lower portion of the Lime Creek Formation serves as an aquitard to the underlying Cedar Valley aquifer.

2.3 History of Groundwater Corrective Action

In accordance with the rules in effect at the time [567 IAC 103.2(9)], LNI conducted a groundwater quality assessment in 1995, selected a remedy, and implemented corrective action in response to groundwater impacts identified at shallow aquifer monitoring locations downgradient of the Existing Unlined Disposal Area (HDR, 1995). The selected remedy outlined in the Site Remedial Action and Mitigation Plan (SRAMP) of the 1995 *Groundwater Quality Assessment Report* (HDR, 1995) was no treatment with continued groundwater and surface water monitoring. IDNR approved the 1995 assessment and remedy selection (IDNR, 1995), stipulating that further release assessment and remediation activities may remain in abeyance unless groundwater or surface water contamination exceeding the 40 Code of Federal Regulations (CFR) Part 141 Safe Drinking Water Maximum Contaminant Level (MCL) or the stream standards occurs that either exits the site, migrates beyond 500 feet from the waste limits, or migrates vertically.

In accordance with the 2007 rule revisions, detection monitoring for the Appendix I list [567 IAC 113.10(5)] was initiated in October 2007. Due to the identification of statistically significant increases (SSIs) over background, assessment monitoring for the Appendix II list [567 IAC 113.10(6)] was initiated at several wells downgradient of the Existing Unlined Disposal Area in April 2009. In the *2009 Annual*

Monitoring Report (AECOM, 2010), statistically significant levels (SSLs) over the groundwater protection standard (GWPS) were identified at MW-1-89, MW-2A-89, MW-4A-89, and MW-4B-89, which re-triggered corrective action in accordance with the current rule revision [567 IAC 113.10(6)g (effective 12/10/07)].

In their letters dated October 4, 2011 and October 23, 2012 (IDNR, 2011 and 2012), IDNR indicated that the requirements outlined in 567 IAC 113.10(7) do not need to be repeated when previously identified contaminants are found to exceed a GWPS for facilities with an existing remedy. However, IDNR noted that the delineation requirements listed in 567 IAC 113.10(6)g(1), the performance requirements listed in 567 IAC 113.10(8), and the implementation requirements listed in 567 IAC 113.10(9) still apply to existing remedies.

In April 2017, the *Remedy Evaluation and Implementation Report* (Foth, 2017b) evaluated the existing monitored natural attenuation (MNA) remedy for the groundwater plumes identified downgradient of the Existing Unlined Disposal Area and prepared a gap analysis addressing the portions of 567 IAC 113.10(6)g, (8), and (9) which were not addressed by the previous groundwater quality assessment report. The report recommended the continued implementation of MNA as the remedial alternative for the metal and volatile SSLs downgradient of the Existing Unlined Disposal Area. IDNR approved the *Remedy Evaluation and Implementation Report* through Special Provision X.5.n.

Based on the delineation activities conducted as part of the 1995 *Groundwater Quality Assessment Report* (HDR, 1995) and the *Remedy Evaluation and Implementation Report* (Foth, 2017b), the extent of groundwater concentrations statistically exceeding the GWPS is horizontally defined by MW-5-89 to the south, Crane Creek to the west and north, MW-11 to the north, and MW-1-89 to the east. While horizontal groundwater flow predominates (at velocities ranging from 6 to 35 feet/year), the surficial deposits at the site form an unconfined flow system with downward vertical flow velocities ranging between 0.2 to 0.7 feet/year across most of the site (Earth Tech, 2004). The glacial till limits downward plume migration but is not anticipated to be a confining layer. Some downward vertical migration occurs.

To meet the vertical delineation requirements outlined in 567 IAC 113.10(6)g(1)1 for 1,2-dichloropropane, tetrachloroethene, trichloroethene, and vinyl chloride at MW-101A-12, vertical delineation well MW-101B, nested with shallow aquifer well MW-101A-12 and screened within bedrock, was installed in July 2017. In the *2018 AWQR* (Foth, 2019a), SSIs were identified for 1,1-dichloroethane, 1,2-dichloropropane, cis-1,2-dichloroethene, and vinyl chloride at MW-101B. No SSLs were identified. These results confirmed that some downward vertical migration occurred at MW-101A-12; however, the concentrations remain below the GWPS.

In April 2022, the *Five-Year Monitored Natural Attenuation Review Report* (Foth, 2022) evaluated progress of the MNA remedy for the groundwater plumes downgradient of the Existing Unlined Disposal Area to determine whether first order attenuation could be projected for 1,2-dichloropropane, trichloroethene, and vinyl chloride plume maximums, to review first order attenuation model results and timeframes for arsenic, barium, and tetrachloroethene to ensure actual conditions are meeting the modeled expectations, and to evaluate if attenuation cannot meet the cleanup goals. Since the previous evaluation, tetrachloroethene attained compliance with the GWPS and first order attenuation could now be modeled for 1,2-dichloropropane, trichloroethene, and vinyl chloride, with these constituents estimating to attain compliance with the GWPS in 2035 or 2036. For arsenic and barium, decreasing plume metric trends continued to be identified for the overall data (i.e., October 2007 through October 2021); however, the past five years indicated more recent stable or even increasing concentrations. For arsenic, this resulted in an increase in the estimated timeframe to attain compliance with the GWPS from 2019 to 2040. For barium, concentrations have been relatively stable over the past five years with maximum concentrations fluctuating above and below the GWPS. While longer timeframes were identified, first order attenuation still indicated attenuation can meet the cleanup goals for both arsenic and barium. The five-year review noted that anaerobic and reducing conditions necessary for natural attenuation of the volatile constituents may be releasing naturally occurring arsenic and barium, and these geochemical conditions

were likely contributing to some of the stable or even increasing arsenic and barium concentrations over the past five years. As subsurface conditions return to aerobic and oxidizing conditions, decreases in arsenic and barium concentrations are anticipated. Based on the analyses presented in the report, MNA remained a viable remedial alternative for the groundwater plumes downgradient of the Existing Unlined Disposal Area, and no changes were recommended regarding the approved MNA remedy.

In accordance with IAC 113.10(9), the remedy implementation schedule was outlined in the *Remedy Evaluation and Implementation Report* (Foth, 2017b) and updated in the *Five-Year Monitored Natural Attenuation Review Report* (Foth, 2022b). Remedy completion will be evaluated utilizing confidence intervals in corrective action mode in accordance with the methods recommended by the Unified Guidance (United States Environmental Protection Agency [USEPA], 2009). However, first order decay estimation will continue to be utilized to project the time required to reach cleanup goals and to assess if attenuation over time is not adequate to meet the goal (USEPA, 2011). The updated remedy implementation schedule recommended another five-year review cycle to review the first order attenuation model results and timeframes to ensure that actual conditions are meeting the modeled expectations and to evaluate if attenuation cannot meet the cleanup goals. The next five-year review will be completed by May 1, 2027.

3. Quality Assurance/Quality Control Summary

In 2025, field blanks, field duplicates, and trip blanks were collected and analyzed at the frequencies listed in the *Hydrologic Monitoring System Plan* (AECOM, 2013). Data validation reports detailing any resampling, data qualifiers added because of data validation, and an overall assessment of the data are included in Appendix A.

In 2025, resampling was not considered regarding data quality review. The overall data assessments indicated that method criteria, precision, accuracy, representativeness, comparability, completeness, and suitability for intended use were acceptable in 2025.

In 2026, data validation procedures will revert to Stage 2A Modified protocols. Under Stage 2A Modified protocols, matrix spike/matrix spike duplicate, laboratory control sample/laboratory control sample duplicate, and laboratory duplicate results are not evaluated. The analytical laboratory evaluates these quality assurance and quality control samples and implements corrective actions or qualifies the data as warranted by their review. Stage 2A Modified protocols include reviews of the chain of custody and sample receipt, case narrative, sample condition upon receipt, completeness, holding times, method blanks, surrogates, and field duplicates. An updated data validation standard operating procedure is provided in Appendix A.

3.1 Sample Turbidity

In accordance with Special Provision X.5.d, total suspended solids (TSS) and field turbidity measurements were collected during the 2025 sampling events. The field turbidity measurements are also included in the field sampling forms in Appendix A.

Several monitoring wells had TSS concentrations greater than the 5 milligrams per liter (mg/L) level for satisfactory sample quality. Low-flow sampling techniques have been utilized since the start of Appendix I and II sampling in 2007 and continued to be utilized during the 2025 sampling events. As a result, the sampling methodology utilized is consistent with minimizing turbidity and TSS in the groundwater samples.

3.1.1 TSS Review in Background

The April 2025 TSS concentrations at MW-20-03, MW-22A-03, and MW-23-03 were below the 5 mg/L limit for acceptable sample quality. The April 2025 TSS concentrations at MW-15-10R, MW-16-03, and MW-

106A-12 exceeded the 5 mg/L limit for acceptability with concentrations of 7.2, 11.3, and 88 mg/L, respectively. No data set adjustments were recommended for the detected April 2025 metals data at MW-15-10R and MW-16-03 since TSS concentrations only slightly exceeded the 5 mg/L limit, correlations with TSS were not evident, and the detected metals were within the range of historic concentrations at these locations. Due to the high TSS concentration at MW-106A-12, the April 2025 detected metal results (arsenic, barium, cobalt, copper, lead, and nickel) at MW-106A-12 were recommended for removal, and well redevelopment was recommended prior to the Fall 2025 semiannual event. The April 2025 arsenic, barium, cobalt, copper, lead, and nickel results at MW-106A-12 were removed from background and listed as crossed-out in Table 14.

The October 2025 TSS concentrations at MW-20-03 and MW-23-03 were below the 5 mg/L limit for acceptable sample quality. The October 2025 TSS concentrations at MW-15-10R, MW-16-03, MW-22A-03, and MW-106A-12 exceeded the 5 mg/L limit for acceptability with concentrations of 11, 38. 6.5, and 38 mg/L, respectively. No data set adjustments were recommended for the detected October 2025 metals data at MW-15-10R and MW-22A-03 since the TSS concentrations only slightly exceeded the 5 mg/L limit, and correlation between TSS and metals concentrations is not evident at these low-level TSS concentrations. At MW-16-03, background data set adjustments were not recommended since the October 2025 concentrations of arsenic, cobalt, nickel, and vanadium were within the range of historic concentrations, and the October 2025 barium concentration was consistent with the recent trend in barium concentrations. MW-106A-12 was redeveloped in August 2025, and the TSS concentration reduced from 88 mg/L in April 2025 to 38 mg/L in October 2025. Background data set adjustments were not recommended for the October 2025 concentrations of barium, chromium, cobalt, and nickel at MW-106A-12 since these detections were within the range of historic concentrations. Conversely, the October 2025 arsenic concentration was much higher than the range of historic concentrations; therefore, removal was recommended. The October 2025 arsenic result at MW-106A-12 was removed from background and listed as crossed-out in Table 14.

TSS concentrations at MW-106A-12 will be reviewed during subsequent sampling events to evaluate the effectiveness of redevelopment and the suitability of MW-106A-12 in the combined background data set.

3.1.2 TSS Review at Groundwater Compliance Locations

While TSS concentrations at several downgradient wells exceeded 5 mg/L, most of the exceedances were below 30 mg/L, which indicates that turbidity was not significantly impacting the downgradient data. The April and October 2025 TSS concentrations at MW-9-92, and the October 2025 TSS concentrations at MW-104A-12 and MW-107A were greater than 30 mg/L, indicating a higher likelihood for turbidity to impact the metals concentrations at these locations.

The IDNR noted in Permit Special Provision X.5.e that a TSS level of 5 mg/L may be unattainable and concluded that if extra measures were conducted, the IDNR would consider higher levels for TSS as representative of site groundwater conditions. No additional actions or removal of data are recommended for the downgradient monitoring wells at this time given that the majority of the downgradient TSS exceedances were below 30 mg/L and the following additional actions have been conducted: low-flow sampling techniques were utilized, a no purge case study was conducted in 2016 and not able to produce samples with lower TSS, well redevelopment was conducted in 2015 at wells with metals SSLs, and additional purging and close review of the low-flow stabilization criteria were conducted in October 2019 when reddish-orange turbidity was noted at most of the monitoring wells during purging. If the Spring and/or Fall 2026 TSS concentrations at MW-9-92, MW-104A-12, and MW-107A remain greater than 30 mg/L, well redevelopment will be considered prior to the next semiannual sampling event.

4. Conclusions and Recommendations

4.1 2025 Data Evaluation Summary

4.1.1 Groundwater

No SSIs were identified at detection monitoring locations GUA-1-2, MW-3-89, MW-4A-89, MW-6-89, MW-8A-89, and MW-105A-12 in 2025. In addition, no assessment monitoring wells or new constituents at wells in the corrective action or delineation monitoring program triggered the assessment of corrective measures (ACM) process outlined in 567 IAC 113.10(7), (8), and (9) in 2025.

The 2025 groundwater quality data for the corrective action constituents listed in Table 9 indicates continued reduction in the groundwater plumes and supports continued implementation of MNA as the remedy for the groundwater plumes identified downgradient of the Existing Unlined Disposal.

Barium in MW-2A-89 and 1,2-dichloropropane in MW-101A-12 exited corrective action and returned to assessment constituents in accordance with 567 IAC 113.10(9)e(2) in Spring and Fall 2025, respectively. As a result, only four corrective action constituents remain. SSLs over the GWPS remained for arsenic at MW-2A-89, trichloroethene and vinyl chloride at MW-101A-12, and arsenic at MW-107A during the Spring and Fall 2025 statistical evaluations. For these remaining corrective action constituents, stable or decreasing trends were identified.

4.1.2 Monitoring Well Maintenance and Performance Reevaluation

As indicated in Table 4, monitoring well maintenance and performance review activities for 2025 consisted of well depths [567 IAC 113.10(2)f(3)]. Results of the evaluation are included in Table 5. Based on the annual review, no changes to the monitoring well network are recommended at this time. In addition, no maintenance activities are recommended.

Well depth review will be conducted annually. The next biennial review of the horizontal and vertical acceptability [567 IAC 113.10(2)"f"(1)], water level conditions [567 IAC 113.10(2)"f"(2)], and well recharge rates and chemistry [567 IAC 113.10(2)"f"(4)"] will be conducted in 2026.

4.1.3 Leachate Control System Performance

4.1.3.1 Existing Unlined Disposal Area

Site operations and management practices for the Existing Unlined Disposal Area were consistent with the regulatory intent to achieve the lowest possible leachate head levels in the unlined cell. The leachate toe drain continues to function as designed, and monthly elevations have been collected to monitor short-term and long-term trends in the leachate elevation data.

Steady leachate elevations were observed at LHPZ-2 and LHPZ-3 in 2025, and these levels were consistent with elevations reported in 2020-2024. At LHPZ-5, the *2024 AWQR* (Foth, 2025) reported an approximately 4-foot decrease between July and December 2025. In January 2026, elevations increased by approximately 5 feet and returned to similar levels exhibited between 2020 and June 2024. No correlation with precipitation was identified at LHPZ-2, LHPZ-3, and LPHZ-5 in 2025. The overall leachate contour pattern is consistent with 2024 and represents no significant change.

4.1.3.2 Existing Lined Disposal Area and Cell A, Phases I-III

For the Existing Lined Disposal Area and Cell A, Phases I-III, effective leachate control is defined in accordance with 567 IAC 113.7(5)b(3) as maintaining less than one foot of leachate head over the liner at the system's lowest point(s) within the waste unit. In 2025, head levels at LHPZ-7 were below one foot of head over the liner, indicating compliance with 567 IAC 113.7(5)b(3). Conversely, head levels exceeded

one foot of head over the liner from January to August 2025 at LHMR-1B-R, and from May to August 2025 and November 2025 at LHPZ-6. These exceedances are further discussed below.

LHMR-1B-R monitors head levels for the Existing Lined Disposal Area. The January and February 2025 head levels only slightly exceeded the 1-foot requirement, with head levels of 1.23 feet. The head level exceedances measured between March and August 2025 are attributed to increased precipitation. As recommended in the *2024 AWQR* (Foth, 2025), the intermediate cover for the Existing Lined Disposal Area, notably near LHMR-1B-R, will be re-inspected in 2026. Inspections will look for cracks, erosion, or damage to the intermediate cover, subsidence, ponding, bare spots or vegetative distress, and presence and functionality of stormwater drainage features. At least one inspection will be conducted during or after a rain event has occurred. If the inspection identifies areas for improvement, actions will be taken as soon as possible or a plan for addressing the improvement(s) will be prepared.

LHPZ-6 monitors head levels for Cell A, Phases I-III. As detailed in the *2022 AWQR* (Foth, 2023), sediment from stormwater infiltrations in 2021 filled the LHPZ-6 side-slope riser and blocked off the screened section. Flushing efforts conducted by Rock Leaf Water Environmental, LLC in September 2022 removed some of the sediment, which resulted in the measurements reducing from approximately 9 feet to 2.7 feet. Superior Jetting jetted this riser again in November 2023, but were unable to fully remove the entrapped sediment. As noted in previous reports, an abutment liner was constructed on the north side of Cell A, Phases I and II in fourth quarter 2023, which increased the volume of leachate generated during precipitation events and resulted in short-term head level exceedances at both LHPZ-6 and LHPZ-7 in 2024. Given the increased precipitation and head level exceedances at both transducers, Foth was unable to determine the validity of the measurements for LHPZ-6 in 2024. The transducer went offline in December 2024, was repaired, and returned back online starting May 12, 2026. Head level exceedances were identified after the new transducer came online. Due to the ongoing issues with entrapped sediment, this location is not able to report representative head levels. While exceedances may have occurred, it takes several months for head levels to reduce due to the entrapped sediment remaining within the casing and the gravel pack around this piezometer. Given the ongoing sedimentation issue, Foth recommends the removal of LHPZ-6 from the leachate monitoring network. LHPZ-7 continues to monitor leachate head levels at the lowest point of Cell A, Phases I-III.

4.1.4 Methane

The quarterly methane results did not exceed 25% of the lower explosive limit (LEL) for facility structures or 100% of the LEL at subsurface perimeter monitoring locations MW-1-89 and GMW-1-12. At GMW-2, methane concentrations were below the 100% LEL limit in 1st quarter of 2025 but exceeded the 100% LEL limit during the 2nd through 4th quarters of 2025.

The 2025 monitoring data at GMW-1-12 indicates that the 2015 improvements have been effective in reducing methane migration east of the Existing Unlined Disposal Area. Intermittent exceedances have occurred (i.e., months to several years) after installation of the passive venting trench, which were attributed to pockets of landfill gas that had accumulated east of the trench. These intermittent exceedances have been occurring less frequently over time, with none identified in 2025.

In accordance with the revised methane remediation plan for GMW-2 (Foth, 2017a), continued quarterly monitoring was conducted in 2025 in lieu of installation of passive venting trenches or other active remedial measures. The 2025 methane monitoring data at GMW-2 were consistent with the 2016-2024 data; methane concentrations generally range between 30-61% methane, with the following exceptions. The methane concentrations at GMW-2 were 7-11% (100% LEL) in 4th quarter 2017, 0% methane (0% LEL) in 1st quarter 2018, 28% methane (100% LEL) in 3rd quarter 2019, 0% methane (0% LEL) in 2nd quarter 2020, 0% methane (0% LEL) in 1st quarter 2021, 19% methane (100% LEL) in 2nd quarter 2021, 0% methane (0% LEL) in 1st quarter 2022, 2.6% methane (52% LEL) in 4th quarter 2023, and 0% methane (0% LEL) in 1st quarter 2025.

Monitoring of potential methane emissions and migration will continue to be conducted on a quarterly basis in 2026 in accordance with the Permit and IAC 113.9(2). The methane remediation plans for GMW-1-12 and GMW-2 will continue to be reviewed in the 2026 Methane Monitoring Report.

4.2 Recommendations for Future Monitoring

On behalf of LNI, Foth presents the following recommendations for future monitoring:

- Continue collecting water level and well depth measurements on a semiannual basis.
- Continue collecting TSS samples and field turbidity measurements during sampling events in 2026.
- Continue detection, assessment, corrective action, delineation, and background monitoring as listed in Table 2. In accordance with Special Provision X.5.h, the next full Appendix II resampling events for the wells in the assessment, corrective action, and background monitoring programs are listed in Table 2.
- Sample for the MNA indicator parameters at corrective action monitoring wells MW-2A-89 and MW-101A-12, background monitoring wells MW-20-03 and MW-106A-12, and delineation monitoring wells MW-11, MW-107A, and MW-108A in 2026, as listed in Table 2.
- By May 1, 2027, conduct the next five-year review cycle evaluating progress with the first order attenuation model results and timeframes to ensure actual conditions are meeting the modeled expectations and to evaluate if attenuation cannot meet the cleanup goals.

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Tables

Table 1
Monitoring Program Summary
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Monitoring Location	Formation	Current Monitoring Program [1]	Change for Next Sampling Event	Constituents w/ SSI [2]	Constituents w/ SSL [2]	Total # of Samples in Each Monitoring Program				
						Detection	Assessment	Corrective Action	Delineation	Background
Downgradient Monitoring Locations										
GUA-1	N/A	Detection [3]	No Change	1,1-Dichloroethane; Benzene [3]	None [3]	20	4	0	0	0
GUA-1-2	N/A	Detection	No Change	None	N/A	28	0	0	0	0
MW-1-89	Outwash Unit B/Till Unit B - silt with sand & silty clay	Assessment	No Change	None	N/A	5	9	24	0	0
MW-2A-89	Outwash Unit B - clayey sand	Corrective Action	No Change	Barium	Arsenic	5	2	37	0	0
MW-3-89	Till Unit B - silty sand	Detection	No Change	None	N/A	22	16	0	0	0
MW-4A-89	Outwash Unit A - sandy clay	Detection	No Change	None	N/A	23	3	13	0	0
MW-4B-89	Till Unit B - clayey sand	Assessment	No Change	Barium; Benzene; Chlorobenzene	None	6	11	23	0	0
MW-5-89	Outwash Unit A - silty sand with pebbles	Assessment	No Change	Barium	None	34	6	0	0	0
MW-6-89	Outwash Unit A - silty sand	Detection	No Change	None	N/A	22	11	5	0	0
MW-8A-89	Outwash Unit B - silty clay with few pebbles	Detection	No Change	None	N/A	22	0	0	0	21
MW-9-92	Outwash Unit A - clayey sand	Assessment	No Change	1,1-Dichloroethane; Arsenic; Barium; Benzene	None	10	33	0	0	0
MW-101A-12	Till Unit B - sandy lean clay	Corrective Action	No Change	1,1-Dichloroethane; 1,2-Dichloropropane; Barium; Benzene; Chlorobenzene; cis-1,2-Dichloroethene; Tetrachloroethene	Trichloroethene; Vinyl Chloride	2	3	29	0	0
MW-102A-12	Till Unit B - sandy lean clay	Assessment	No Change	Arsenic: Barium	None	9	16	8	0	0
MW-103A-12	Outwash Unit A - silty sand	Assessment	No Change	Barium	None	25	6	0	0	0
MW-104A-12	Outwash Unit A - clayey sand	Assessment	No Change	Arsenic	None	14	18	0	0	0
MW-105A-12	Outwash Unit A - poorly graded sand	Detection	No Change	None	N/A	24	10	0	0	1
Delineation Monitoring Locations										
MW-11	Till Unit B - sandy clay with pebbles	Delineation	No Change	None	N/A	21	0	0	15	0
MW-101B	Lime Creek Formation	Delineation	No Change	None	N/A	0	0	0	15	0
MW-107A	Till Unit B - sandy lean clay	Delineation	No Change	None	Arsenic	0	0	0	19	0
MW-108A	Till Unit B - sandy lean clay	Delineation	No Change	None	N/A	0	0	0	20	0
Background Monitoring Locations										
MW-15-10R	Outwash Unit A - sand to sandy lean clay	Background	No Change	None	N/A	16	0	0	0	22

Table 1
Monitoring Program Summary
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Monitoring Location	Formation	Current Monitoring Program [1]	Change for Next Sampling Event	Constituents w/ SSI [2]	Constituents w/ SSL [2]	Total # of Samples in Each Monitoring Program				
						Detection	Assessment	Corrective Action	Delineation	Background
Background Monitoring Locations Continued										
MW-16-03	Outwash Unit B - sandy lean clay to clayey sand	Background	No Change	None	N/A	0	0	0	0	22
MW-20-03	Outwash Unit B - silty sand	Background	No Change	None	N/A	0	0	0	0	32
MW-22A-03	Outwash Unit A - silty sand	Background	No Change	None	N/A	0	0	0	0	32
MW-23-03	Till Unit B - sandy lean clay	Background	No Change	None	N/A	0	0	0	0	22
MW-106A-12	Till Unit B - lean clay with sand	Background	No Change	None	N/A	10	0	0	0	22

Comments:

N/A= not applicable. Either well is in detection monitoring or no SSIs over background were evaluated for SSLs over the groundwater protection standard (GWPS).

SSI = statistically significant increase over background

SSL = statistically significant level over the groundwater protection standard

[1] Current monitoring program is from the last event the location was sampled (i.e., Oct. 2025 event).

[2] Except for GUA-1, SSIs and SSLs are from the Fall 2025 statistical evaluation.

[3] In accordance with Special Provision X.5.a.ii, annual monitoring for the Appendix I list is conducted at GUA-1 to verify concentrations at the underdrain discharge pipe and to evaluate changes in the underdrain discharge conditions prior to passive treatment. GUA-1 was last monitored in Apr. 2025; therefore, SSIs are from the Spring 2025 statistical evaluation. GUA-1-2 serves as the underdrain compliance point.

Table 2
Monitoring Program Implementation Schedule
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Monitoring Well	Monitoring Program	Sampling Date and Constituents [1,2]			Upcoming Sampling Dates and Constituents [1,2]		Full Appendix II Sample Dates	
		Feb. 2025	Apr. 2025	Oct. 2025	Spring 2026	Fall 2026	Previously Collected	Next Event
Downgradient Monitoring Locations								
GUA-1	Detection		Appendix I, TSS [3]			Appendix I, TSS [3]	N/A	N/A
GUA-1-2	Detection		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A	N/A
MW-1-89	Assessment			Appendix II, TSS		Appendix II, TSS	Apr. 2009, Apr. 2010, Mar. 2014, Apr. 2019, Oct. 2024	Fall 2029
MW-2A-89	Corrective Action		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS, MNA [4]	Appendix II, TSS, MNA [4]	Apr. 2009, Apr. 2010, Mar. 2014, Apr. 2019, May 2024	Spring 2029
MW-3-89	Detection			Appendix I, TSS		Appendix I, TSS	Apr. 2009, Apr. 2010, Mar. 2014	N/A
MW-4A-89	Detection			Appendix I, TSS		Appendix I, TSS	Apr. 2009, Apr. 2010, Mar. 2014	N/A
MW-4B-89	Assessment			Appendix II, TSS		Appendix II, TSS	Jul. 2009, Apr. 2010, Mar. 2014, Apr. 2019, Oct. 2024	Fall 2029
MW-5-89	Assessment			Appendix II, TSS		Appendix II, TSS	May 2023, Aug. 2023, Nov. 2023, Feb. 2024	Fall 2029
MW-6-89	Detection			Appendix I, TSS		Appendix I, TSS	Apr. 2009, Apr. 2010, Mar. 2014	N/A
MW-8A-89	Detection		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A	N/A
MW-9-92	Assessment		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Jun. 2011, Apr. 2012, Mar. 2017, Apr. 2022	Spring 2027
MW-101A-12	Corrective Action		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS, MNA [4]	Appendix II, TSS, MNA [4]	Jun. 2012, Oct. 2013, Sep. 2018, Apr. 2024	Spring 2029
MW-102A-12	Assessment			Appendix II, TSS		Appendix II, TSS	2023	Fall 2028
MW-103A-12	Assessment			Appendix II, TSS		Appendix II, TSS	May 2023, Aug. 2023, Nov. 2023, Feb. 2024	Fall 2029
MW-104A-12	Assessment			Appendix II, TSS		Appendix II, TSS	Oct. 2015, Jan. 2016, Apr. 2016, Mar. 2018, Jun. 2018, Nov. 2023	Fall 2028
MW-105A-12	Detection	1,1-Dichloroethane [5]	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Jan. 2016, Apr. 2016, Apr. 2019, Jul. 2019	N/A
Delineation Monitoring Locations								
MW-11	Delineation			Appendix I VOCs, Arsenic, Barium		Appendix I VOCs, Arsenic, Barium, MNA [4]	N/A	N/A
MW-101B	Delineation			Appendix I VOCs		Appendix I VOCs	N/A	N/A
MW-107A	Delineation			Appendix I VOCs, Arsenic, Barium		Arsenic, Barium, MNA [4]	N/A	N/A
MW-108A	Delineation			Appendix I VOCs, Arsenic, Barium		Appendix I VOCs, Arsenic, Barium, MNA [4]	N/A	N/A
Background Monitoring Locations								
MW-15-10R	Background		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Apr. 2016, May 2021, Apr. 2024	Spring 2029
MW-16-03	Background		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Apr. 2016, May 2021, Apr. 2024	Spring 2029
MW-20-03	Background		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS, MNA [4]	Appendix II, TSS, MNA [4]	Apr. 2016, May 2021, Apr. 2024	Spring 2029
MW-22A-03	Background		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Apr. 2016, May 2021, Apr. 2024	Spring 2029

Table 2
Monitoring Program Implementation Schedule
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Monitoring Well	Monitoring Program	Sampling Date and Constituents [1,2]			Upcoming Sampling Dates and Constituents [1,2]		Full Appendix II Sample Dates	
		Feb. 2025	Apr. 2025	Oct. 2025	Spring 2026	Fall 2026	Previously Collected	Next Event
Background Monitoring Locations Continued								
MW-23-03	Background		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Apr. 2016, May 2021, Apr. 2024	Spring 2029
MW-106A-12	Background		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS, MNA [4]	Appendix II, TSS, MNA [4]	Apr. 2016, May 2021, May 2024	Spring 2029

Comments:
MNA = monitored natural attenuation
N/A = not applicable
TSS = total suspended solids
VOC = volatile organic compound

[1] In accordance with Special Provision X.5.o, MW-1-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-11, MW-101B, MW-102A-12, MW-103A-12, MW-104A-12, MW-107A, and MW-108A are monitored annually during fall sampling events unless otherwise noted.

[2] Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in 2025 and will be sampled for Appendix I and detected Appendix II in 2026.

[3] In accordance with Special Provision X.5.a.ii, the annual compliance monitoring event at GUA-1 was conducted in Apr. 2025 and is next scheduled for Fall 2026.

[4] MNA indicator parameters will be collected in Spring and Fall 2026 for evaluation in the five-year remedy review cycle due by May 1, 2027.

[5] As discussed in *Spring 2025 Statistical Notifications* (Foth, 2025b), a retest sample was collected for 1,1-dichloroethane in MW-105A-12 due to the identification of a single Double Quantification Rule (DQR) detection during the Fall 2024 statistical evaluation. The Feb. 2025 retest did not confirm the single DQR detection identified; therefore, an SSI was not identified and MW-105A-12 remained in seminannual detection monitoring.

Table 3
October 2025 Appendix II Detections
2025 Annual Water Quality Report
Landfill of North Iowa
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Constituent	Unit	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-15-10R (Bkgrnd)	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)
1,1-Dichloroethane	ug/L			0.8 J		4.32			
1,2-Dichlorobenzene	ug/L								
1,2-Dichloroethane	ug/L								
1,2-Dichloropropane	ug/L								
1,4-Dichlorobenzene	ug/L		0.528 J	0.339 J					
Acetone	ug/L				3.53 J				
Antimony	mg/L			0.00158 J					
Arsenic	mg/L	0.00129 J	0.132	0.0287	0.0028	0.123	0.0254	0.00707	0.00107 J
Barium	mg/L	0.0753	1.11	0.73	1.04	0.711	0.118	0.155	0.0881
Benzene	ug/L			1.12		1.24			
Chlorobenzene	ug/L			1.29					
Chloroethane	ug/L					2.36 J			
Chromium	mg/L				0.00609				
cis-1,2-Dichloroethene	ug/L			0.913 J		0.237 J			
Cobalt	mg/L	0.00167	0.00372	0.00181	0.0015	0.00535	0.00279	0.0143	
Dichlorodifluoromethane	ug/L								
Nickel	mg/L	0.0102	0.00249 J	0.0158	0.0237	0.0125	0.0136	0.0484	
Tetrachloroethene	ug/L	0.759 J							
Total Suspended Solids	mg/L	2	26	18	26	36	11	38	
trans-1,2-Dichloroethene	ug/L								
Trichloroethene	ug/L								
Vanadium	mg/L			0.00635	0.00602	0.00284 J	0.00313 J	0.00253 J	0.00299 J
Vinyl Chloride	ug/L			0.793 J		0.227 J			

Comments:
Bkgrnd = background
DwnGrad = downgradient
mg/L = milligrams per liter
ug/L = micrograms per liter

Table 3
October 2025 Appendix II Detections
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Constituent	Unit	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)
1,1-Dichloroethane	ug/L			7.02			0.601 J	
1,2-Dichlorobenzene	ug/L				0.371 J			
1,2-Dichloroethane	ug/L			0.418 J				
1,2-Dichloropropane	ug/L			2.59				
1,4-Dichlorobenzene	ug/L			0.356 J	0.319 J			
Acetone	ug/L					3.64 J		
Antimony	mg/L				0.00156 J			
Arsenic	mg/L	0.00188 J	0.0299	0.00951	0.0917	0.00549	0.0616	0.321
Barium	mg/L	0.19	0.197	0.831	0.618	0.757	0.578	0.187
Benzene	ug/L			0.578		0.388 J	0.444 J	
Chlorobenzene	ug/L			5.36	0.732 J			
Chloroethane	ug/L			0.908 J			1 J	
Chromium	mg/L							0.00228 J
cis-1,2-Dichloroethene	ug/L			14.5				
Cobalt	mg/L	0.000569	0.000498 J	0.000509	0.00595	0.00362	0.000308 J	0.0023
Dichlorodifluoromethane	ug/L			2.32 J				
Nickel	mg/L				0.00695	0.0337	0.00262 J	0.00662
Tetrachloroethene	ug/L			1.03				
Total Suspended Solids	mg/L	6.5	1.88	7.62	22	25	74	38
trans-1,2-Dichloroethene	ug/L			0.447 J				
Trichloroethene	ug/L			7.06				
Vanadium	mg/L	0.00281 J	0.0033 J	0.0038 J	0.00253 J	0.00388 J	0.00259 J	
Vinyl Chloride	ug/L			3.43				

Comments:
Bkgrnd = background
DwnGrad = downgradient
mg/L = milligrams per liter
ug/L = micrograms per liter

Table 4
Monitoring Well Maintenance and Performance Reevaluation Schedule
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Compliance with:	Monitoring Calendar Years					
	2015	2016	2017	2018	2019	2020
567 IAC 113.10(2)f(1): High and low water levels (semiannual)		Completed		Completed		Completed
567 IAC 113.10(2)f(2): Changes in the hydrologic setting and flow paths		Completed		Completed		Completed
567 IAC 113.10(2)f(3): Well depths	Completed	Completed	Completed	Completed	Completed	Completed
567 IAC 113.10(2)f(4): Well recharge rates and chemistry		Completed		Completed		Completed
567 IAC 113.6(2)i: Waste separation from groundwater	N/A	N/A	N/A	N/A	N/A	N/A

Comments:

• Groundwater elevations and measured well depths are shown in Table 5, and the field sampling forms are in Appendix A.

• In accordance with 567 IAC 113.6(2)i, Special Provision X.5.f requires "semiannual groundwater elevation measurements from all groundwater underdrain discharge points in order to measure the separation of the base of the MSWLF unit from the groundwater table." However, there are no practicable locations for measuring groundwater separation distance for Cell A. During the construction of Cell A, Phases I and II, groundwater separation distance piezometers were not installed. In addition, a groundwater separation distance piezometer was not installed during the construction of Cell A, Phase III in 2019. The underdrain layer gravity drains to a maintenance hole located west of Cell A, where it is pumped to the GUA-1 discharge pipe. Groundwater elevation measurements from the discharge pipe or the accumulated water in the maintenance hole do not accurately represent the groundwater elevation beneath Cell A; therefore, they cannot be used for verifying groundwater separation distance. In addition, adjacent monitoring wells are not applicable. As depicted in Figure 2-4 of the *Hydrologic Monitoring System Plan* (AECOM, 2013), groundwater elevations west of the underdrain recover quickly to return to natural conditions. Therefore, the groundwater elevations at the west-adjacent monitoring wells are upgradient of Cell A and would not represent the groundwater elevations beneath Cell A. Monitoring wells east of Cell A, Phase III are hydrgeologically upgradient under pre-construction conditions; therefore, they also would not represent the groundwater elevations beneath Cell A.

Table 4
Monitoring Well Maintenance and Performance Reevaluation Schedule
2025 Annual Water Quality Report
Landfill of North Iowa
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Compliance with:	Monitoring Calendar Years					
	2021	2022	2023	2024	2025	2026
567 IAC 113.10(2)f(1): High and low water levels (semiannual)		Completed		Completed		Scheduled
567 IAC 113.10(2)f(2): Changes in the hydrologic setting and flow paths		Completed		Completed		Scheduled
567 IAC 113.10(2)f(3): Well depths	Completed	Completed	Completed	Completed	Completed	Scheduled
567 IAC 113.10(2)f(4): Well recharge rates and chemistry		Completed		Completed		Scheduled
567 IAC 113.6(2)i: Waste separation from groundwater	N/A	N/A	N/A	N/A	N/A	N/A

Comments:

• Groundwater elevations and measured well depths are shown in Table 5, and the field sampling forms are in Appendix A.

• In accordance with 567 IAC 113.6(2)i, Special Provision X.5.f requires "semiannual groundwater elevation measurements from all groundwater underdrain discharge points in order to measure the separation of the base of the MSWLF unit from the groundwater table." However, there are no practicable locations for measuring groundwater separation distance for Cell A. During the construction of Cell A, Phases I and II, groundwater separation distance piezometers were not installed. In addition, a groundwater separation distance piezometer was not installed during the construction of Cell A, Phase III in 2019. The underdrain layer gravity drains to a maintenance hole located west of Cell A, where it is pumped to the GUA-1 discharge pipe. Groundwater elevation measurements from the discharge pipe or the accumulated water in the maintenance hole do not accurately represent the groundwater elevation beneath Cell A; therefore, they cannot be used for verifying groundwater separation distance. In addition, adjacent monitoring wells are not applicable. As depicted in Figure 2-4 of the *Hydrologic Monitoring System Plan* (AECOM, 2013), groundwater elevations west of the underdrain recover quickly to return to natural conditions. Therefore, the groundwater elevations at the west-adjacent monitoring wells are upgradient of Cell A and would not represent the groundwater elevations beneath Cell A. Monitoring wells east of Cell A, Phase III are hydrgeologically upgradient under pre-construction conditions; therefore, they also would not represent the groundwater elevations beneath Cell A.

Table 5
Monitoring Well Maintenance and Performance Summary
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Monitoring Location	Top of Casing (feet amsl)	Top of Screen (feet amsl)	Total Depth (feet bTOC)	Measurement Description	Date of Measurements			Maximum Depth Discrepancy (feet)
					Feb. 2025	Apr. 2025	Oct. 2025	
Downgradient Monitoring Locations								
MW-1-89	1188.09	1176.66	23.68	Groundwater Level (feet bTOC)		13.38	13.51	0.38
				Groundwater Elevation (feet amsl)		1174.71	1174.58	
				Measured Well Depth (feet bTOC)			23.30	
				Submerged screen		N	N	
MW-2A-89	1180.18	1172.44	19.87	Groundwater Level (feet bTOC)		5.75	6.39	0.87
				Groundwater Elevation (feet amsl)		1174.43	1173.79	
				Measured Well Depth (feet bTOC)		19.00	19.05	
				Submerged screen		Y	Y	
MW-3-89	1176.17 & 1176.11 (1)	1171.55	14.42 & 14.36 (1)	Groundwater Level (feet bTOC)		4.09	5.39	1.26
				Groundwater Elevation (feet amsl)		1172.08	1170.72	
				Measured Well Depth (feet bTOC)			13.10	
				Submerged screen		Y	N	
MW-4A-89	1175.39	1169.49	16.23	Groundwater Level (feet bTOC)		5.38	5.79	0.98
				Groundwater Elevation (feet amsl)		1170.01	1169.60	
				Measured Well Depth (feet bTOC)			15.25	
				Submerged screen		Y	Y	
MW-4B-89 (2)	1175.64	1154.35	27.18	Groundwater Level (feet bTOC)		6.13	6.65	0.68
				Groundwater Elevation (feet amsl)		1169.51	1168.99	
				Measured Well Depth (feet bTOC)			26.50	
MW-5-89	1175.78	1162.97	23.65	Groundwater Level (feet bTOC)		5.55	7.99	0.02
				Groundwater Elevation (feet amsl)		1170.23	1167.79	
				Measured Well Depth (feet bTOC)			23.63	
				Submerged screen		Y	Y	
MW-6-89	1209.90	1179.60	42.05	Groundwater Level (feet bTOC)		28.82	25.52	0.95
				Groundwater Elevation (feet amsl)		1181.08	1184.38	
				Measured Well Depth (feet bTOC)			41.10	
				Submerged screen		Y	Y	
MW-8A-89	1186.98	1175.49	22.48	Groundwater Level (feet bTOC)		9.62	9.70	0.74
				Groundwater Elevation (feet amsl)		1177.36	1177.28	
				Measured Well Depth (feet bTOC)		21.74	21.75	
				Submerged screen		Y	Y	
MW-9-92	1180.36	1165.19	26.97	Groundwater Level (feet bTOC)		10.90	12.01	0.02
				Groundwater Elevation (feet amsl)		1169.46	1168.35	
				Measured Well Depth (feet bTOC)		26.95	26.98	
				Submerged screen		Y	Y	
MW-101A-12	1175.45	1168.20	17.90	Groundwater Level (feet bTOC)		4.15	6.54	-0.25
				Groundwater Elevation (feet amsl)		1171.30	1168.91	
				Measured Well Depth (feet bTOC)		18.11	18.15	
				Submerged screen		Y	Y	
MW-102A-12	1177.06	1169.87	18.03	Groundwater Level (feet bTOC)		4.84	6.68	-0.17
				Groundwater Elevation (feet amsl)		1172.22	1170.38	
				Measured Well Depth (feet bTOC)			18.20	
				Submerged screen		Y	Y	
MW-103A-12	1177.46	1168.42	19.75	Groundwater Level (feet bTOC)		8.59	9.87	-0.25
				Groundwater Elevation (feet amsl)		1168.87	1167.59	
				Measured Well Depth (feet bTOC)			20.00	
				Submerged screen		Y	N	
MW-104A-12	1177.29	1170.06	17.70	Groundwater Level (feet bTOC)		6.49	8.72	-0.18
				Groundwater Elevation (feet amsl)		1170.80	1168.57	
				Measured Well Depth (feet bTOC)			17.88	
				Submerged screen		Y	N	

Table 5
Monitoring Well Maintenance and Performance Summary
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Monitoring Location	Top of Casing (feet amsl)	Top of Screen (feet amsl)	Total Depth (feet bTOC)	Measurement Description	Date of Measurements			Maximum Depth Discrepancy (feet)
					Feb. 2025	Apr. 2025	Oct. 2025	
Downgradient Monitoring Locations Continued								
MW-105A-12	1179.19	1171.89	17.96	Groundwater Level (feet bTOC)	10.88	9.51	10.67	-0.26
				Groundwater Elevation (feet amsl)	1168.31	1169.68	1168.52	
				Measured Well Depth (feet bTOC)	18.19	18.18	18.22	
				Submerged screen	N	N	N	
Delineation Monitoring Locations								
MW-11	1176.61	1173.56	13.88	Groundwater Level (feet bTOC)		3.88	3.87	0.18
				Groundwater Elevation (feet amsl)		1172.73	1172.74	
				Measured Well Depth (feet bTOC)			13.70	
				Submerged screen		N	N	
MW-101B [2]	1175.85	1144.79	41.78	Groundwater Level (feet bTOC)		5.30	5.82	-0.07
				Groundwater Elevation (feet amsl)		1170.55	1170.03	
				Measured Well Depth (feet bTOC)			41.85	
MW-107A	1182.43	1173.73	18.70	Groundwater Level (feet bTOC)		8.15	8.79	0.30
				Groundwater Elevation (feet amsl)		1174.28	1173.64	
				Measured Well Depth (feet bTOC)		18.40	18.75	
				Submerged screen		Y	N	
MW-108A	1173.23 [3]	1165.70	17.53 [3]	Groundwater Level (feet bTOC)		4.84	6.23	-0.07
				Groundwater Elevation (feet amsl)		1168.39	1167.00	
				Measured Well Depth (feet bTOC)			17.60	
				Submerged screen		Y	Y	
Background Monitoring Locations								
MW-15-10R	1178.47	1168.77	17.62	Groundwater Level (feet bTOC)		6.82	8.14	-0.23
				Groundwater Elevation (feet amsl)		1171.65	1170.33	
				Measured Well Depth (feet bTOC)		17.81	17.85	
				Submerged screen		Y	Y	
MW-16-03	1200.43	1174.69	36.41	Groundwater Level (feet bTOC)		24.49	23.88	0.08
				Groundwater Elevation (feet amsl)		1175.94	1176.55	
				Measured Well Depth (feet bTOC)		36.33	36.40	
				Submerged screen		Y	Y	
MW-20-03	1184.87	1172.69	22.05	Groundwater Level (feet bTOC)		12.70	11.12	0.18
				Groundwater Elevation (feet amsl)		1172.17	1173.75	
				Measured Well Depth (feet bTOC)		21.87	21.87	
				Submerged screen		N	Y	
MW-22A-03	1177.44 & 1177.41 [4]	1168.50	19.13 & 19.10 [4]	Groundwater Level (feet bTOC)		5.30	6.35	-0.30
				Groundwater Elevation (feet amsl)		1172.14	1171.06	
				Measured Well Depth (feet bTOC)		19.43	19.28	
				Submerged screen		Y	Y	
MW-23-03	1179.67	1169.93	20.29	Groundwater Level (feet bTOC)		6.34	6.81	0.01
				Groundwater Elevation (feet amsl)		1173.33	1172.86	
				Measured Well Depth (feet bTOC)		20.28	20.28	
				Submerged screen		Y	Y	
MW-106A-12	1181.59	1172.32	19.70	Groundwater Level (feet bTOC)		12.29	12.87	-0.25
				Groundwater Elevation (feet amsl)		1169.30	1168.72	
				Measured Well Depth (feet bTOC)		19.82	19.95	
				Submerged screen		N	N	

Comments:
amsl = above mean sea level
bTOC = below top of casing

Table 5
Monitoring Well Maintenance and Performance Summary
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Comments Continued:

(1) At MW-3-89, 0.06' of PVC well casing was removed after water level measurement was taken during the Apr. 2025 event. The PVC casing reduction was conducted to allow room for the PVC well cap placement, closure, and locking of the outer protective casing. The original Top of Casing (TOC) elevation and Total Depth were updated to 1176.11 and 14.36, respectively, starting with the Oct. 2025 event to reflect the casing adjustment.

(2) MW-4B-89 and MW-101B were installed in glacial till and bedrock, respectively. These wells are not water table monitoring wells and are intended to assess potential vertical contaminant migration. Therefore, the evaluation of "submerged screen" was not included for these two monitoring locations. The vertical placement of these two wells continues to be acceptable.

(3) At MW-108A, 0.17' of PVC well casing was removed after water level measurement was taken during the Oct. 2025 event. The PVC casing reduction was conducted to allow room for the PVC well cap placement, closure, and locking of the protective casing. The original TOC elevation and Total Depth will be updated to 1173.06 and 17.36, respectively, starting with the Spring 2026 event to reflect the casing adjustment.

(4) At MW-22A-03, 0.03' of PVC well casing was removed after water level measurement was taken during the Apr. 2025 event. The PVC casing reduction was conducted to allow room for the PVC well cap placement, closure, and locking of the protective casing. The original TOC elevation and Total Depth were updated to 1177.41 and 19.10, respectively, starting with the Oct. 2025 event to reflect the casing adjustment.

Well Depths:

• In accordance with IAC 113.10(2)f(3), well depth measurements were collected in 2025 to ensure the wells are physically intact and not filling with sediment. Except for MW-101B, MW-107A, and MW-108A, well depths were not measured at the time of construction, and the well depths listed on the IDNR well construction forms were not exact measurements. Therefore, measurements for the original well depths were taken from the first available depth measurement after construction or modification of the monitoring well.

• The Maximum Depth Discrepancy indicated that the 2025 measured well depths were within approximately 1.5 feet of the original well depths. The 2025 depth measurements indicate that the wells are not filling with sediment and remain physically intact.

• Based on a review of the well depth information, no maintenance activities are recommended.

Exterior Well Maintenance:

• Other than the casing adjustments at MW-3-89, MW-22A-03, and MW-108A, no exterior well maintenance activities were conducted in 2025. The annual well maintenance evaluation was conducted in Fall 2025 and did not identify well maintenance needs.

Table 6
Background and GWPS Summary
2025 Annual Water Quality Report
Landfill of North Iowa
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Constituent [1]	CAS #	Units	Samples	Detections [2]	Min [3]	Max [3]	Mean [3]	Note	Background Level	Statistical Test [4]	GWPS	Source [5]
Interwell Background/GWPS (Oct. 2007 - Oct. 2025)												
1,1-Dichloroethane	75-34-3	ug/L	166	8	0.228 J	0.50 (1/2 RL)	0.49	J-Flagged Only	**1.00 (RL)**	DQR	**140**	SS
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	166	1	0.2 J	10.0 (1/2 RL)	3.31	J-Flagged Only	**5.00 (RL)**	DQR	**0.2**	MCL
1,4-Dichlorobenzene	106-46-7	ug/L	166	1	0.233 J	2.00 (1/2 RL)	0.52	J-Flagged Only	**1.00 (RL)**	DQR	**75**	MCL
2-Butanone	78-93-3	ug/L	166	4	0.769 J	5.00 (1/2 RL)	4.91	J-Flagged Only	**10.0 (RL)**	DQR	**4,000**	SS
Acetone	67-64-1	ug/L	166	8	2.04 J	12.6	4.98		**10.0 (RL)**	DQR	**6,300**	SS
Antimony [6]	7440-36-0	mg/L	149	23	0.0000885 J	0.00153	0.00071		**0.002**	DQR	**0.006**	MCL
Arsenic	7440-38-2	mg/L	162	113	0.000196 J	0.0461	0.0067		**0.0405**	Non-Parametric (1-of-2)	**0.0461**	Background
Barium	7440-39-3	mg/L	167	167	0.0231	1.41	0.169		**0.606**	Non-Parametric (1-of-2)	**2**	MCL
Benzene	71-43-2	ug/L	166	1	0.25 (1/2 RL)	0.269 J	0.25	J-Flagged Only	**0.500 (RL)**	DQR	**5**	MCL
Benzo(a)pyrene	50-32-8	ug/L	18	1	1.4 J	5.8 (1/2 RL)	5.0	J-Flagged Only	**10.0 (RL)**	DQR	**0.2**	MCL
Beryllium	7440-41-7	mg/L	167	13	0.00007 J	0.00394	0.00053		**0.00191**	Non-Parametric (1-of-2)	**0.004**	MCL
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	113	6	0.762 J	50.5 (1/2 RL)	5.48	J-Flagged Only	**9.43 (RL)**	DQR	**6**	MCL
Bromoform	75-25-2	ug/L	166	2	0.201 J	2.50 (1/2 RL)	2.47	J-Flagged Only	**5.00 (RL)**	DQR	**80**	SS
Bromomethane	74-83-9	ug/L	166	2	0.235 J	25.0 (1/2 RL)	2.12	J-Flagged Only	**4.00 (RL)**	DQR	**10**	SS
Cadmium	7440-43-9	mg/L	167	65	0.000046 J	0.00149	0.00027		**0.00136**	Non-Parametric (1-of-2)	**0.005**	MCL
Carbon Disulfide	75-15-0	ug/L	166	1	0.38 J	5.00 (1/2 RL)	0.56	J-Flagged Only	**1.00 (RL)**	DQR	**700**	SS
Carbon Tetrachloride	56-23-5	ug/L	166	1	0.24 J	2.50 (1/2 RL)	1.03	J-Flagged Only	**2.00 (RL)**	DQR	**5**	MCL
Chloroethane	75-00-3	ug/L	166	1	0.25 J	2.00 (1/2 RL)	1.99	J-Flagged Only	**4.00 (RL)**	DQR	**2,800**	SS
Chloromethane	74-87-3	ug/L	166	1	0.33 J	1.50 (1/2 RL)	1.49	J-Flagged Only	**3.00 (RL)**	DQR	**N/A**	N/A
Chromium	7440-47-3	mg/L	168	26	0.00036 J	0.201	0.0044		**0.0245**	Non-Parametric (1-of-2)	**0.201**	Background
Cobalt	7440-48-4	mg/L	163	128	0.000039 J	0.0641	0.00296		**0.0182**	Non-Parametric (1-of-2)	**0.0641**	Background
Copper	7440-50-8	mg/L	169	51	0.000504 J	0.192	0.00509		**0.0425**	Non-Parametric (1-of-2)	**1.3**	MCL
Cyanide	57-12-5	mg/L	17	2	0.005 (1/2 RL)	0.0099 J	0.00529	J-Flagged Only	**0.01 (RL)**	DQR	**0.2**	MCL
Endosulfan I	959-98-8	ug/L	22	1	0.00495 J	0.03405 (1/2 RL)	0.0207	J-Flagged Only	**0.064 (RL)**	DQR	**42**	SS
Endosulfan II	33213-65-9	ug/L	22	1	0.00206 J	0.03405 (1/2 RL)	0.0205	J-Flagged Only	**0.064 (RL)**	DQR	**42**	SS
Endrin Aldehyde	7421-93-4	ug/L	22	1	0.0119 J	0.03405 (1/2 RL)	0.0210	J-Flagged Only	**0.064 (RL)**	DQR	**2.1**	SS
Lead	7439-92-1	mg/L	169	35	0.00012 J	0.0172	0.00094		**0.0128**	Non-Parametric (1-of-2)	**0.01**	MCL
Methapyrilene	91-80-5	ug/L	24	1	0.621 J	5.8 (1/2 RL)	4.76	J-Flagged Only	**10.0 (RL)**	DQR	**N/A**	N/A
Methoxychlor	72-43-5	ug/L	96	6	0.00249 J	0.0482 (1/2 RL)	0.0210	J-Flagged Only	**0.0916 (RL)**	DQR	**40**	MCL
Methylene Chloride	75-09-2	ug/L	166	8	0.198 J	2.50 (1/2 RL)	2.40	J-Flagged Only	**5.00 (RL)**	DQR	**5**	MCL
Nickel	7440-02-0	mg/L	167	108	0.001 (1/2 RL)	0.165	0.015		**0.149**	Non-Parametric (1-of-2)	**0.165**	Background
Phenacetin	62-44-2	ug/L	18	1	0.705 J	5.8 (1/2 RL)	5.0	J-Flagged Only	**10.0 (RL)**	DQR	**N/A**	N/A
Phenol [7]	108-95-2	mg/L	39	4	0.00101 J	0.0954	0.0080		**0.0102 (RL)**	DQR	**2**	SS
Selenium	7782-49-2	mg/L	169	17	0.000678 J	0.0508 J	0.00291	J-Flagged Only	**0.005 (RL)**	DQR	**0.05**	MCL
Silver [7]	7440-22-4	mg/L	143	8	0.000057 J	0.00149	0.00047		**0.001 (RL)**	DQR	**0.1**	SS
Sulfide	18496-25-8	mg/L	101	8	0.398 J	22.3	1.46		**17.3**	Non-Parametric (1-of-2)	**22.3**	Background
Thallium [7]	7440-28-0	mg/L	169	17	0.00001 J	0.00516	0.00051		**0.001**	DQR	**0.002**	MCL

Table 6
Background and GWPS Summary
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Constituent [1]	CAS #	Units	Samples	Detections [2]	Min [3]	Max [3]	Mean [3]	Note	Background Level	Statistical Test [4]	GWPS	Source [5]
Interwell Background/GWPS Continued												
Total Suspended Solids	TSS	mg/L	132	105	0.625 J	88.0	5.87		**N/A**	N/A	**N/A**	N/A
Vanadium	7440-62-2	mg/L	169	71	0.000391 J	0.324	0.0055		**0.0304**	Non-Parametric (1-of-2)	**0.324**	Background
Zinc	7440-66-6	mg/L	170	28	0.00163 J	0.344	0.0135		**0.0705**	Non-Parametric (1-of-2)	**2**	SS

Comments:

DQR = double quantification rule

GWPS = groundwater protection standard

MCL = Maximum Contaminant Level

mg/L = milligrams per liter

N/A = not applicable

RL = reporting limit taken as the laboratory practical quantitation limit (PQL)

SS = Statewide Standard

ug/L = micrograms per liter

[1] List contains constituents detected above the laboratory minimum detection limit (MDL) in the combined MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 background data set after background data set adjustments detailed in the Appendix B statistical reports were conducted. Background data set adjustments are listed as crossed-out concentrations in Table 14 and were removed from the background data set prior to conducting statistical analyses.

[2] The number of detections includes J-flagged data (concentrations above the MDL but below the RL).

[3] Non-detect concentrations are included in the calculation of minimum, maximum, and mean; 1/2 the RL was utilized for non-detect concentrations.

[4] The non-parametric prediction limits were taken as the second highest value.

[5] Sources are either the MCL promulgated under Section 1412 of the Safe Drinking Water Act in 40 CFR Part 141 (MCL) or the 567 IAC Chapter 137 Statewide Standards for a Protected Groundwater Source (SS). If background is higher than the MCL or SS, the GWPS is background. Background as the GWPS is the *one-sample* test confidence limit method where the fixed GWPS is the background upper tolerance limit with 95% confidence and 95% coverage. N/A = not applicable; constituent does not have a MCL or SS, and using background as the GWPS is not applicable due to limited detections.

[6] The RL for antimony changed from 0.001 to 0.002 mg/L starting May 2021 and has remained at 0.002 mg/L since. The second-highest background detection for antimony is lower than the current RL of 0.002 mg/L. Antimony will be analyzed using the DQR unless there are subsequent detections greater than the current PQL in background.

[7] Phenol, silver, and thallium have only had one detection above RL in background and cannot be analyzed using a non-parametric interwell prediction limit with the second highest maximum order statistic. Therefore, phenol, silver, and thallium will be analyzed using the DQR unless there are subsequent detections in background.

- The background data sets consist of MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12. The following background data set adjustments were recommended in 2025.
  - At background well MW-106A-12, the Oct. 2025 TSS concentration of 38 mg/L exceeded the 5 mg/L limit for acceptable sample quality. Arsenic, barium, chromium, cobalt, and nickel were detected above the MDL in MW-106A-12 in Oct. 2025. The Oct. 2025 concentrations of barium, chromium, cobalt, and nickel were within the range of historic concentrations; therefore, no adjustments are recommended for the Oct. 2025 barium, chromium, cobalt, and nickel results in MW-106A-12. Conversely, the Oct. 2025 arsenic concentration was much higher than the range of historic concentrations; therefore, removal was recommended and the result is listed as a crossed-out concentration in Table 14. MW-106A was redeveloped in Aug. 2025, and the TSS concentration reduced from 88 mg/L in Apr. 2025 to 38 mg/L in Oct. 2025. TSS concentrations will be reviewed during subsequent sampling events to evaluate the effectiveness of redevelopment and the suitability of MW-106A-12 in the combined background data set.
- The previously approved background data set adjustments, as detailed in the Appendix B statistical reports, were maintained and are listed as crossed-out concentrations in Table 14.

Summary of Prediction Limits and Health Standards
2025 Annual Water Quality Report
Landfill of North Iowa
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Comments:

• The following graphs depict the interwell prediction limits for statistical analysis starting with the Spring 2017 statistical evaluation.

• Wells included in the background data set and the sources of the background and health standards are presented in Table 6.

• For non-parametric prediction limits, the limit was taken as the second-highest maximum order statistic of the background data starting with the Fall 2022 statistical evaluation (Foth, 2023). As a result, the non-parametric limits decreased from the highest maximum order statistic to the second highest maximum order statistic in Oct. 2022.

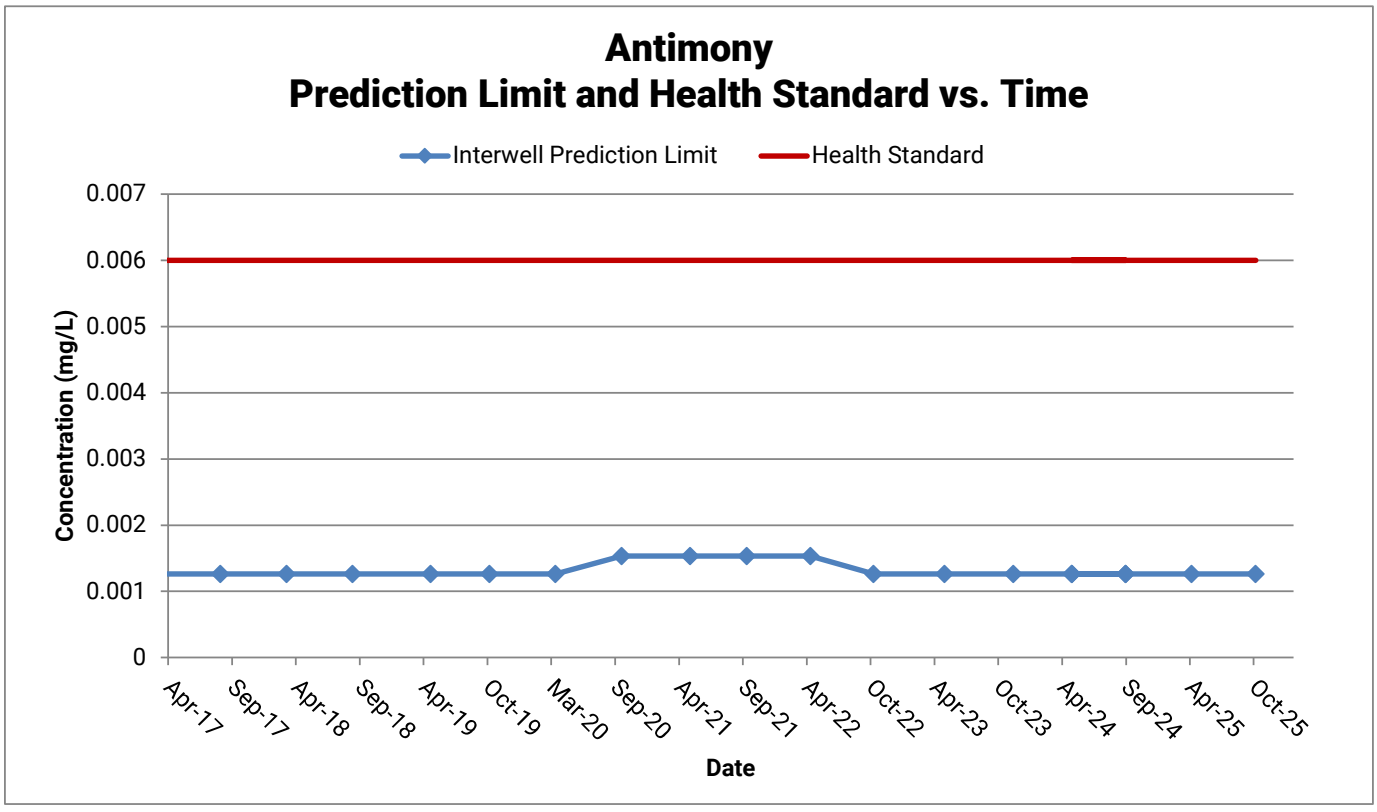
• The shift in the barium prediction limit between Oct. 2019 and Apr. 2020 occurred due to a change from a lognormal parametric to a non-parametric method.

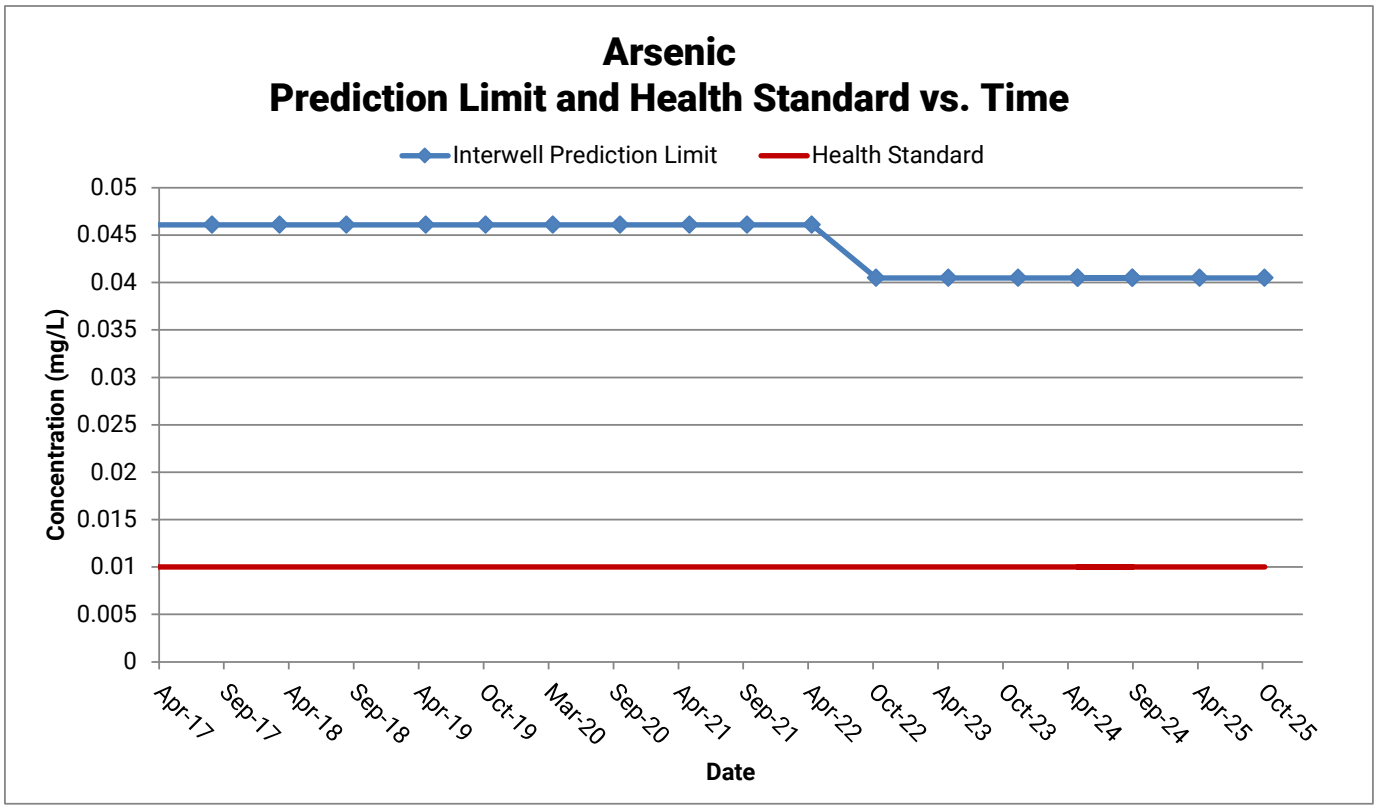
• The slight decreasing trend of the cobalt prediction limit from Mar. 2017 to Oct. 2019 was attributed to the relatively small background size evaluated using lognormal parametric methods and not to decreasing trends in the individual well/analyte data. The shift in the cobalt prediction limit between Oct. 2019 and Apr. 2020 occurred due to a change from a lognormal parametric to a non-parametric method.

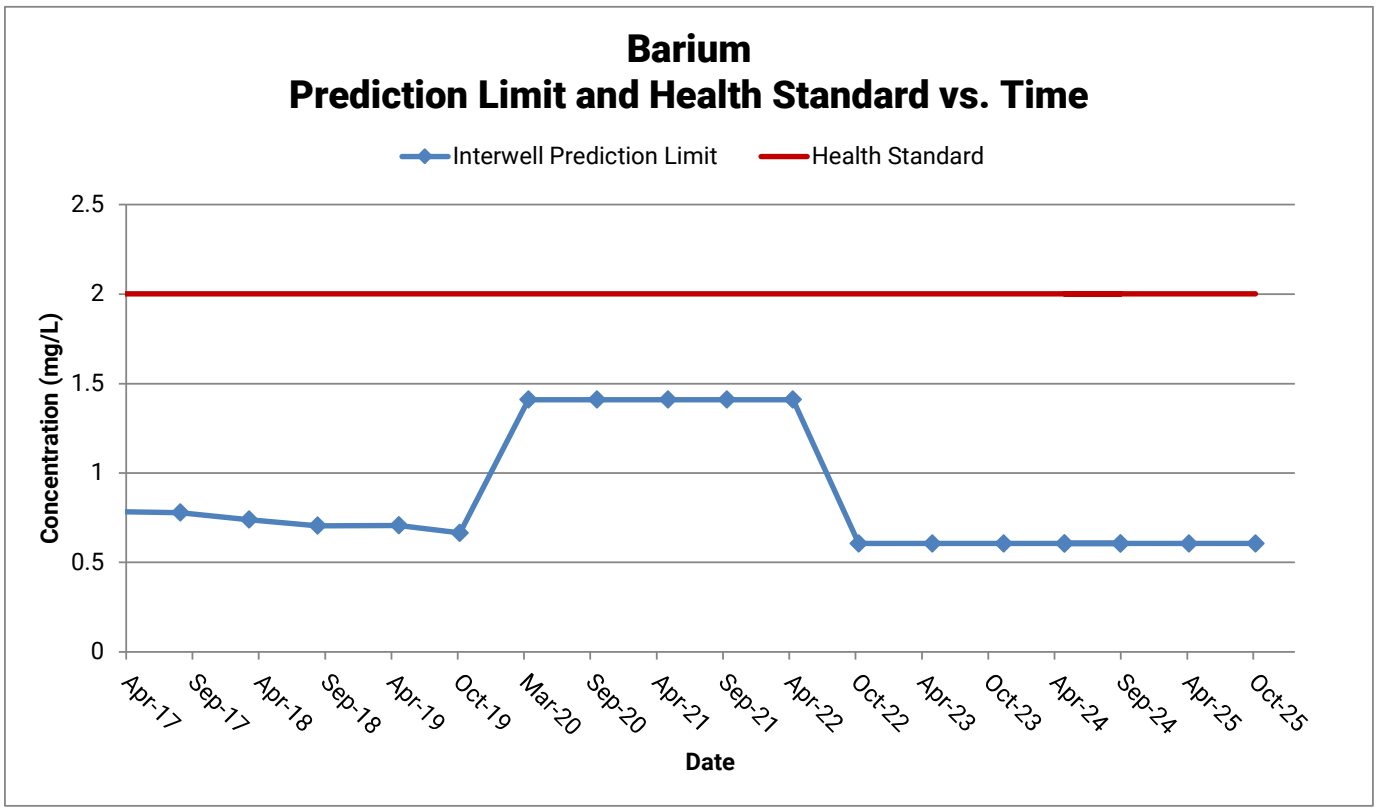
• The shifts in the nickel prediction limit occurred due to a change from a lognormal parametric to a non-parametric, a non-parametric to a lognormal parametric, and back to a non-parametric method.

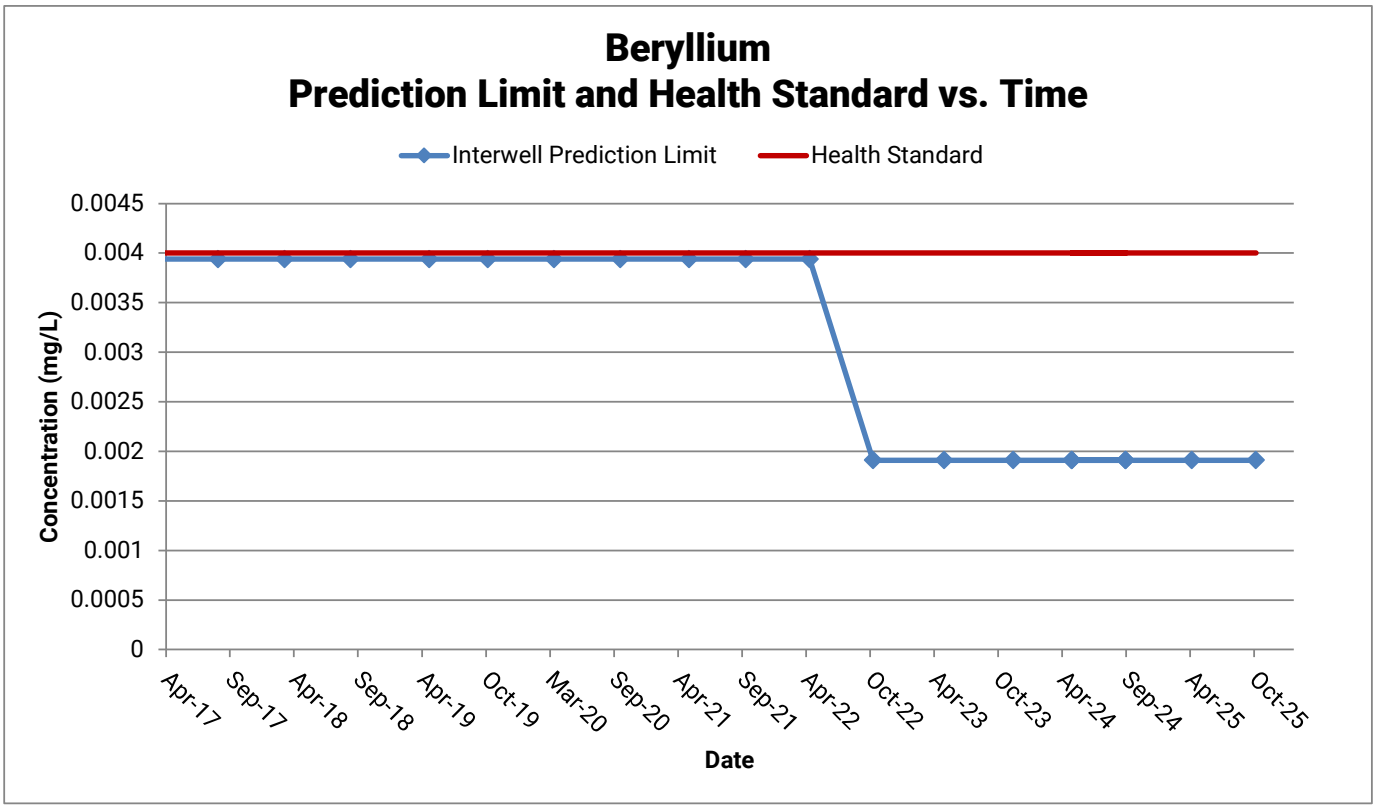
• Sulfide was newly detected in background in Apr. 2020; therefore, comparisons to background using interwell prediction limits were initiated with the Spring 2020 statistical evaluation. The shift from Sep. 2020 to May 2021 occurred due to higher sulfide concentrations during the May 2021 event resulting in a higher non-parametric prediction limit. Note that sulfide does not have a health standard; therefore, the GWPS is taken as background.

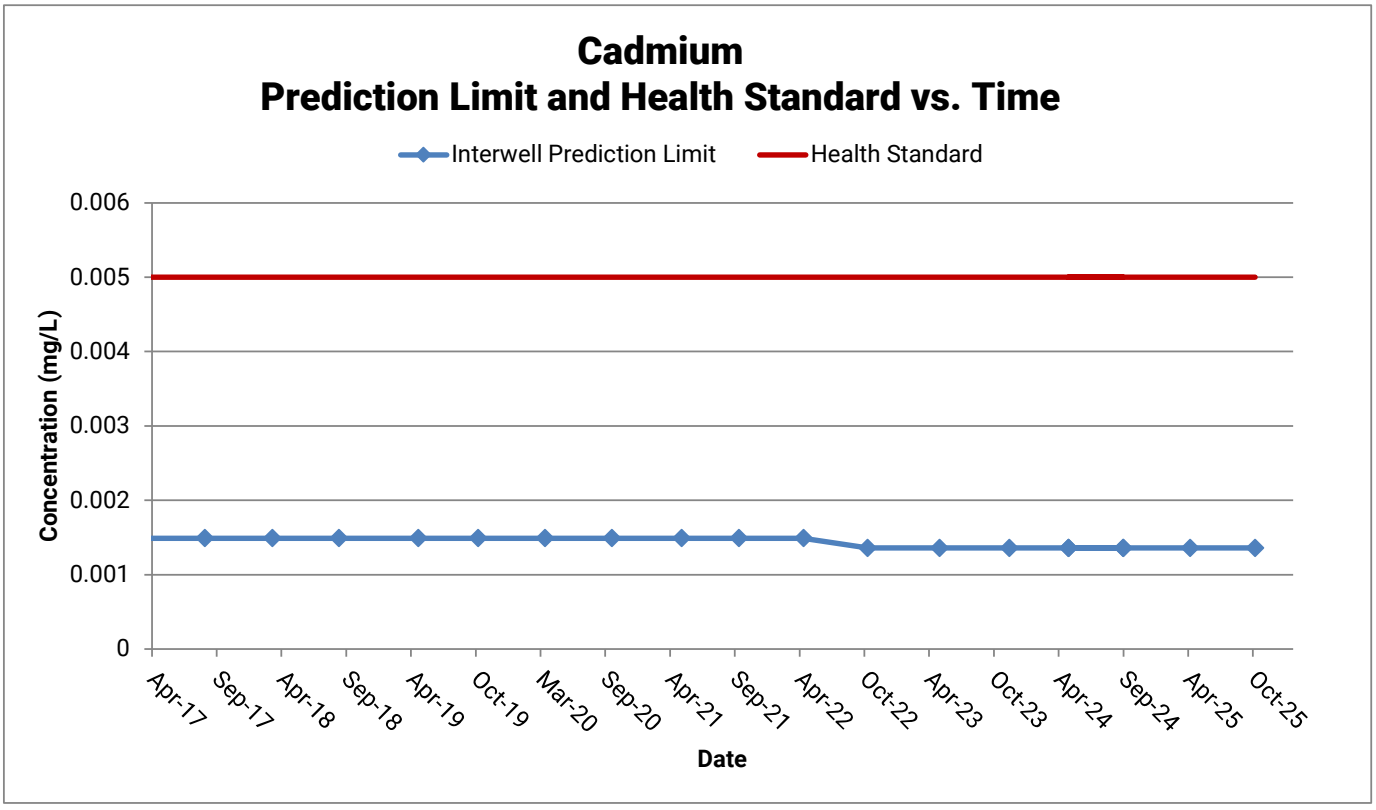
• Phenol and thallium have only had one detection above the reporting limit in background and cannot be analyzed using a non-parametric interwell prediction limit with the second-highest maximum order statistic. As a result, graphs are no longer provided for phenol and thallium. Downgradient phenol and thallium concentrations will be statistically compared to background using the Double Quantification Rule (DQR) until there are subsequent detections in background.

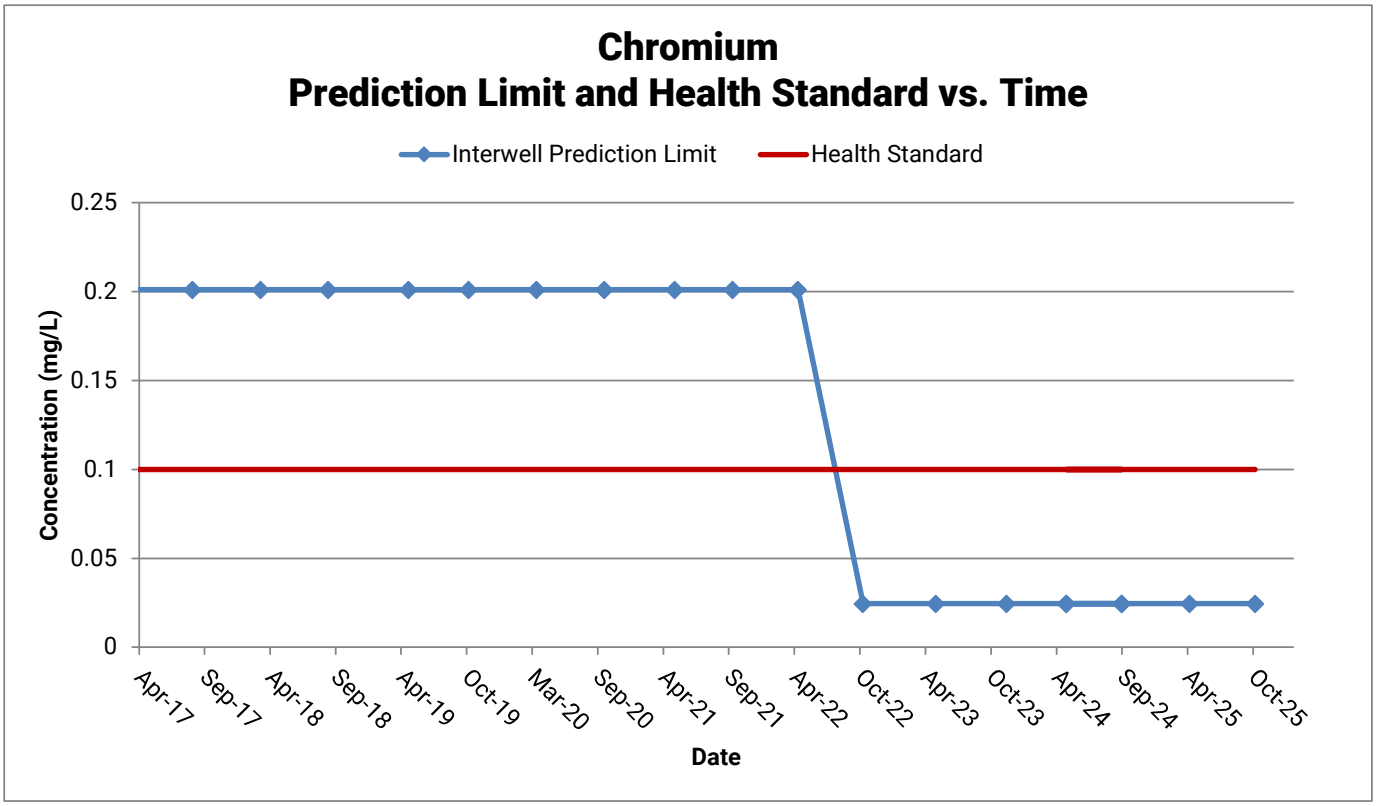


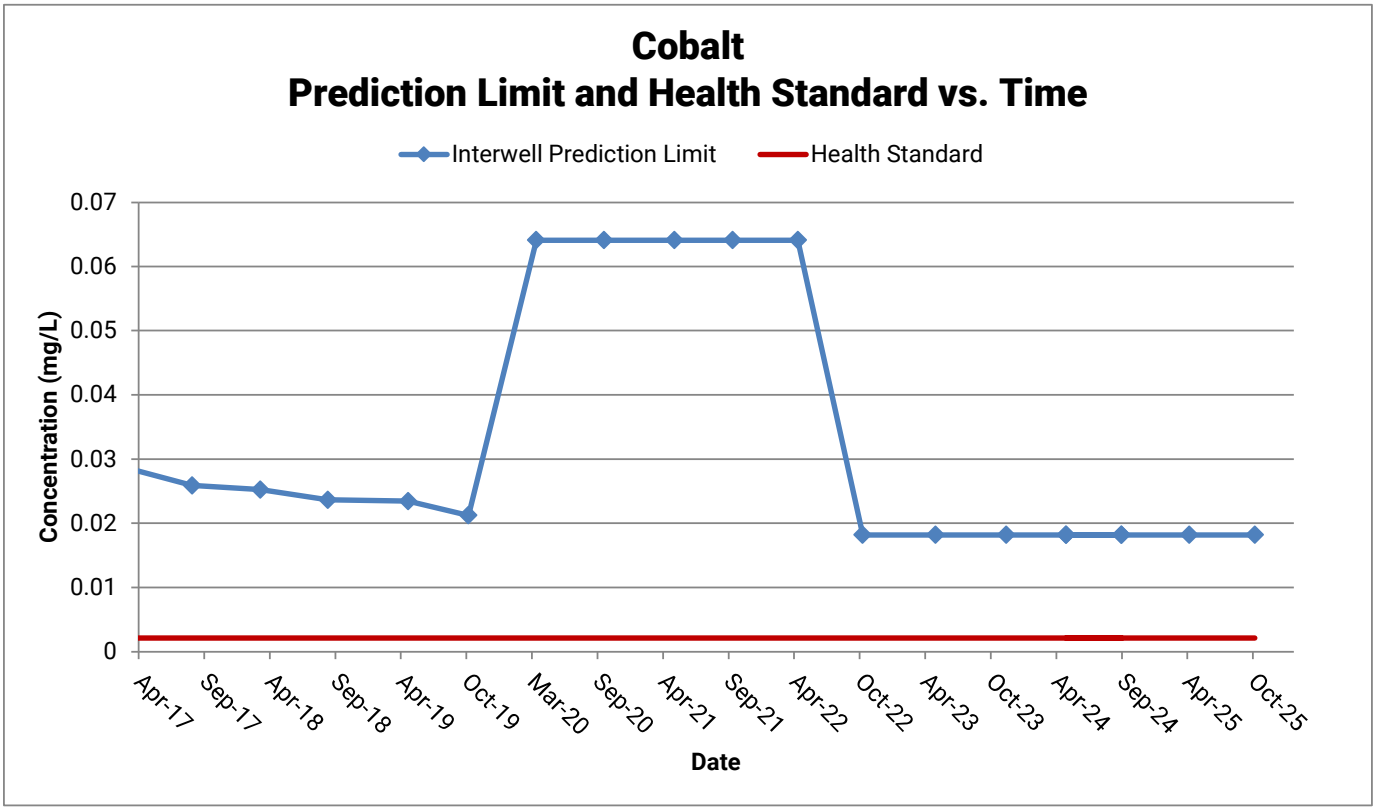

Arsenic
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date

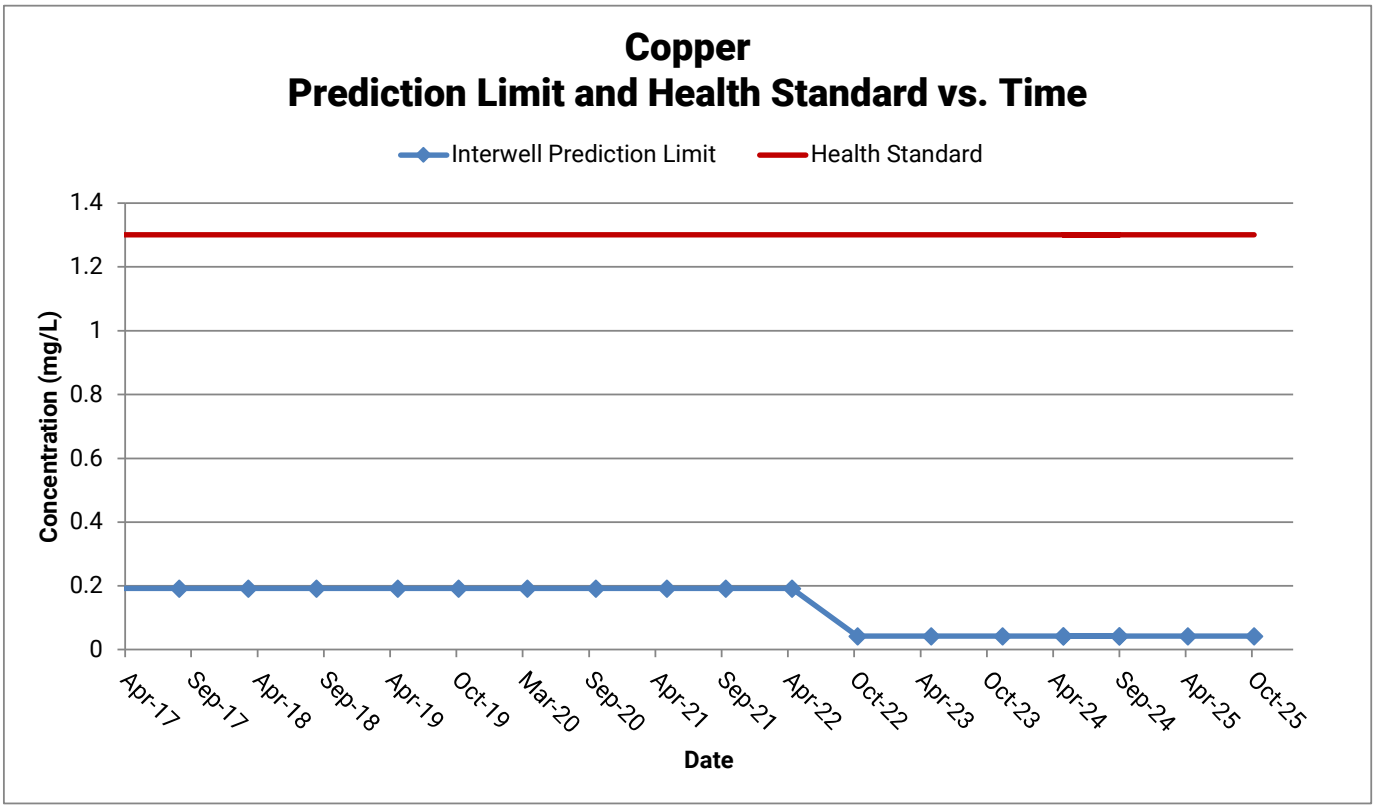

Barium
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date

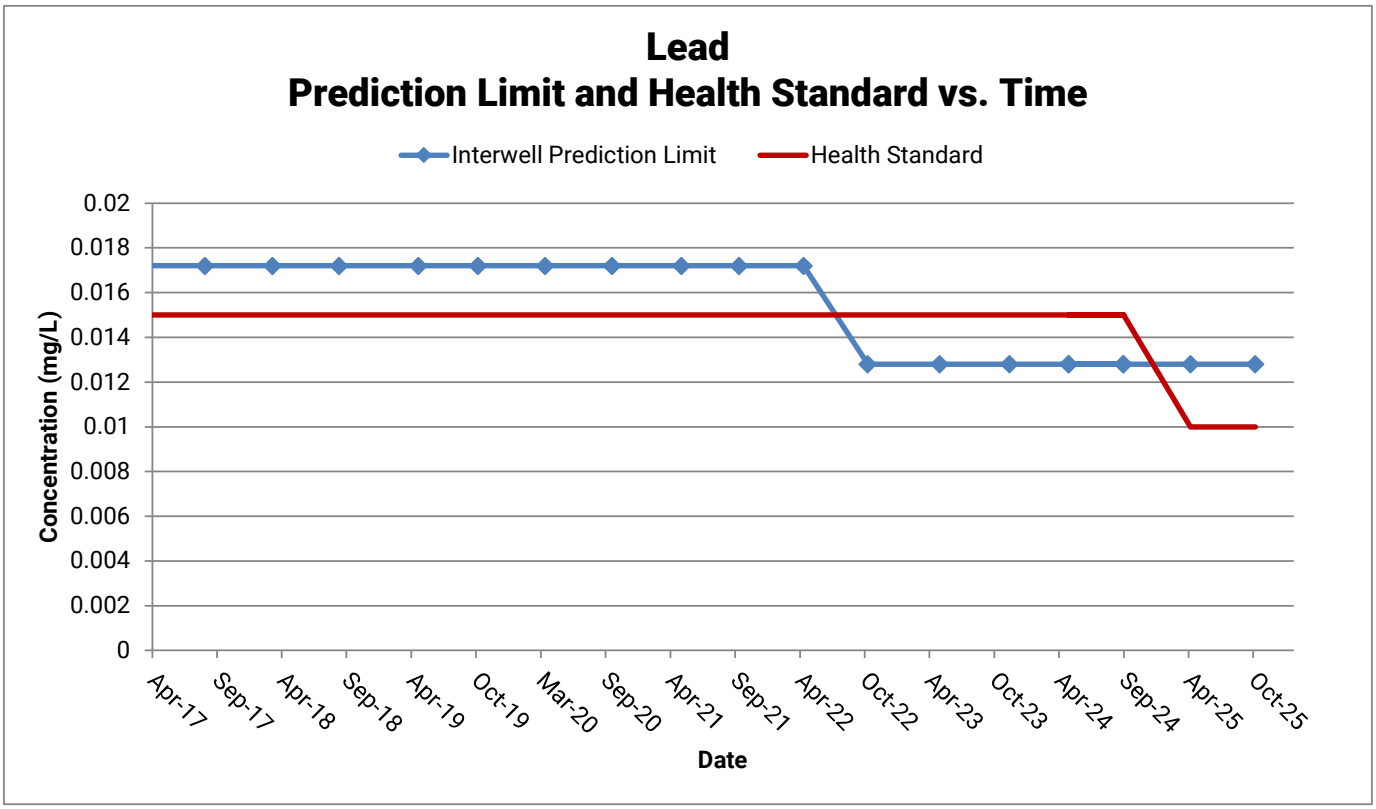

Beryllium
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
0.0045
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date

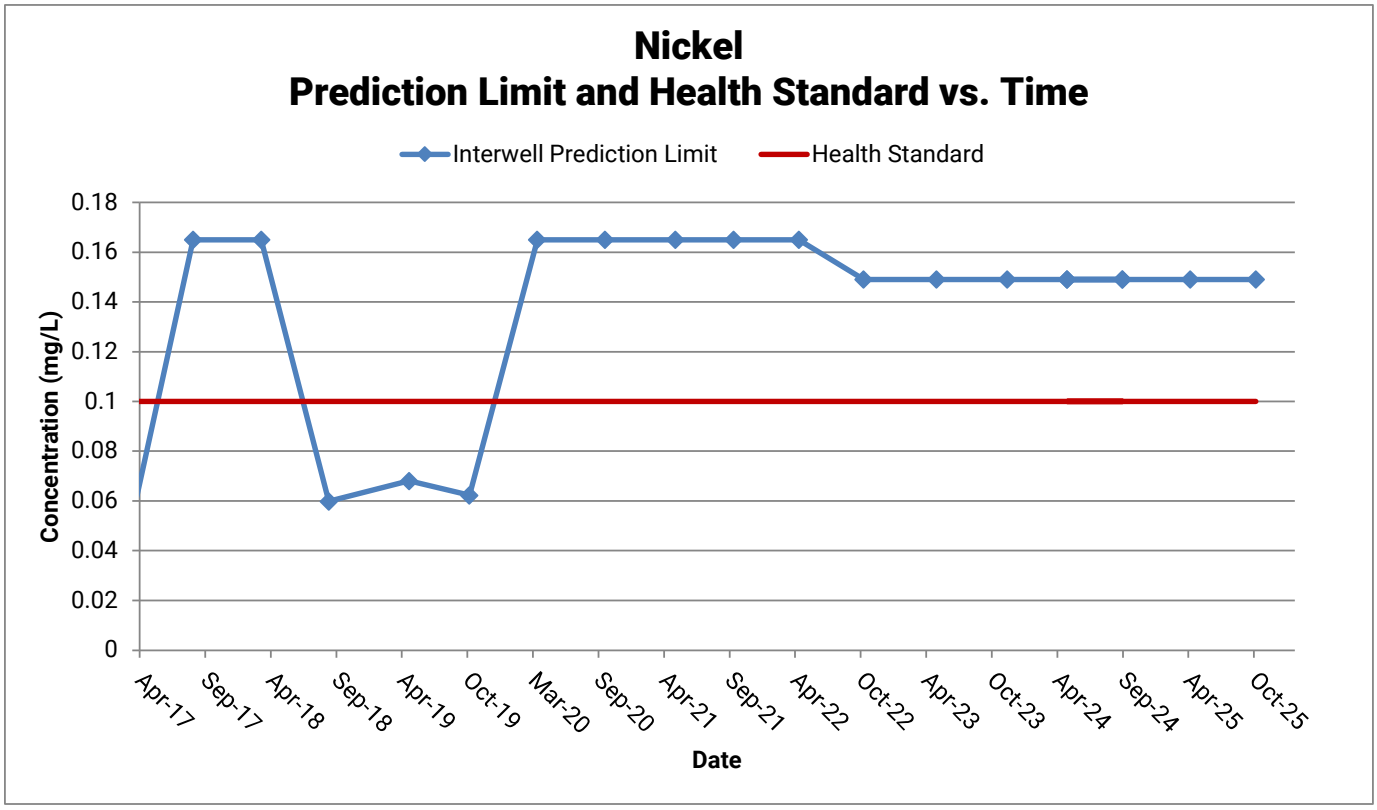

Cadmium
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date

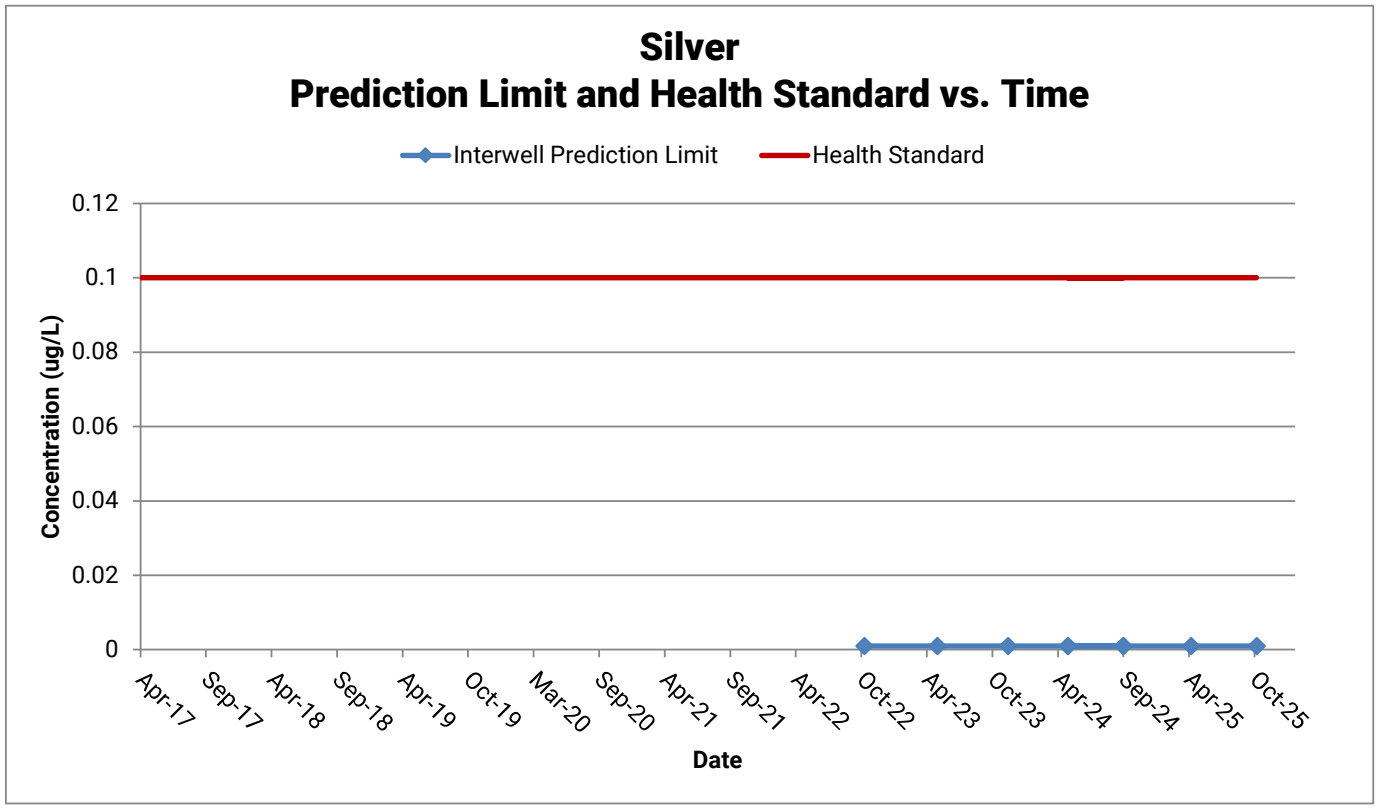

Chromium
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
0.25
0.2
0.15
0.1
0.05
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date

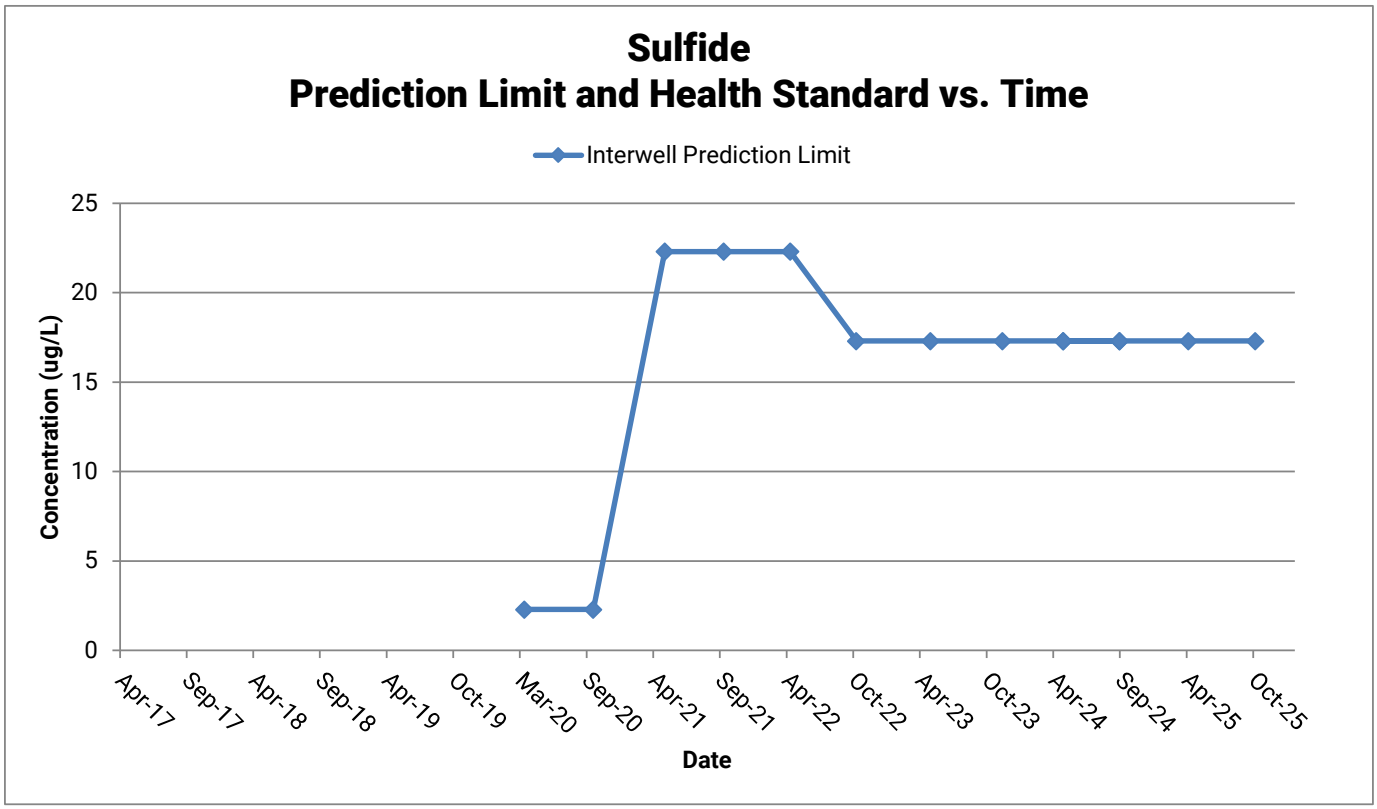

Cobalt
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date

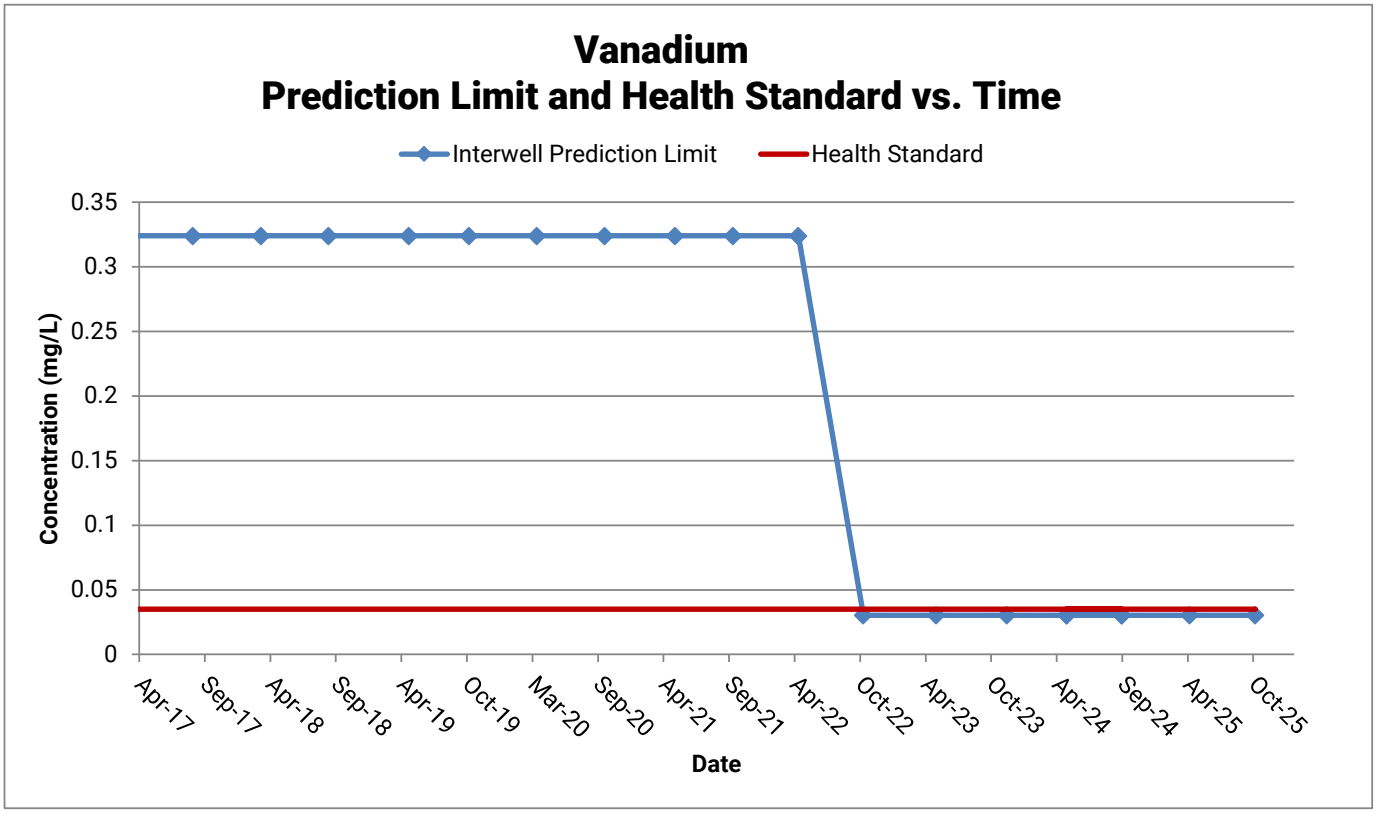

Copper
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date


Lead
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date


Nickel
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date


Silver
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (ug/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date


Sulfide
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Concentration (ug/L)
25
20
15
10
5
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date


Vanadium
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
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Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date

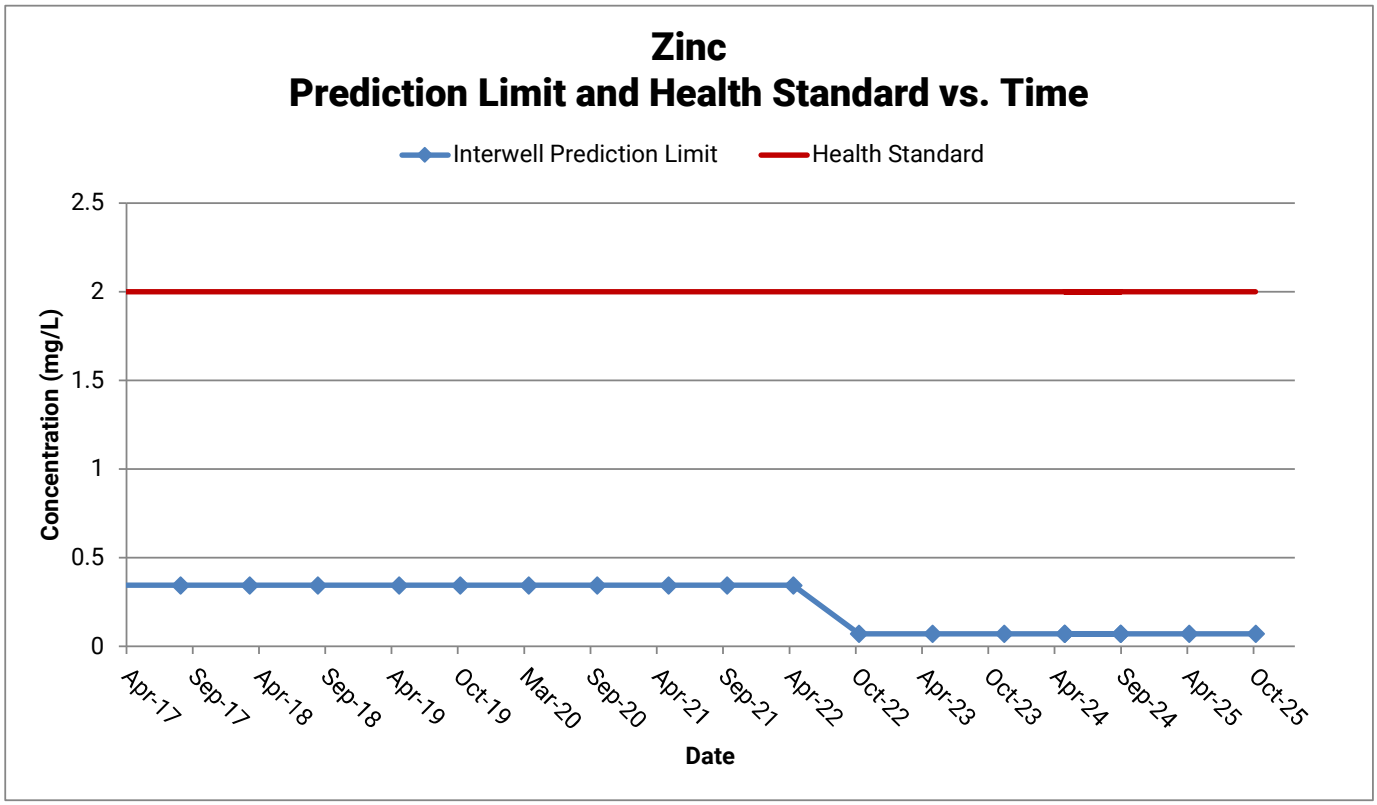

Zinc
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Apr-17
Sep-17
Apr-18
Sep-18
Apr-19
Oct-19
Mar-20
Sep-20
Apr-21
Sep-21
Apr-22
Oct-22
Apr-23
Oct-23
Apr-24
Sep-24
Apr-25
Oct-25
Date

Table 7
Summary of Well/Detected Constituent Pairs With No Previous SSIs
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Monitoring Location [1]	Constituent [2]	Units	Most Recent Result (Oct. 2025)	Background Standard [3]
Detection Monitoring Locations				
GUA-1-2	Arsenic	mg/L	0.00928	0.0405
	Barium	mg/L	0.662	1
	Cobalt	mg/L	0.000632	0.0182
	Nickel	mg/L	0.0154	0.149
	Total Suspended Solids	mg/L	9	N/A
MW-3-89	Arsenic	mg/L	0.000826 J	0.0405
	Barium	mg/L	0.265	0.606
	Cobalt	mg/L	0.000812	0.0182
	Nickel	mg/L	0.00928	0.149
	Total Suspended Solids	mg/L	2	N/A
	Vanadium	mg/L	0.0021 J	0.304
MW-4A-89	Antimony	mg/L	0.00172 J	0.002
	Arsenic	mg/L	0.00309	0.0405
	Barium	mg/L	0.316	0.606
	Cobalt	mg/L	0.00247	0.0182
	Copper	mg/L	0.00359 J	0.0425
	Nickel	mg/L	0.00639	0.149
	Selenium	mg/L	0.00401 J	0.005
	Vanadium	mg/L	0.00823	0.304
MW-6-89	Arsenic	mg/L	0.00333	0.0405
	Barium	mg/L	0.205	0.606
	Cobalt	mg/L	0.00117	0.0182
	Total Suspended Solids	mg/L	3	N/A
	Vanadium	mg/L	0.00615	0.304
MW-8A-89	Antimony	mg/L	0.00175 J	0.002
	Arsenic	mg/L	0.00212	0.0405
	Barium	mg/L	0.0545	0.606
	Cadmium	mg/L	0.000191 J	0.00136
	Nickel	mg/L	0.0079	0.149
	Selenium	mg/L	0.00145 J	0.005
	Vanadium	mg/L	0.00532	0.304
MW-105A-12	Arsenic	mg/L	0.0125	0.0405
	Barium	mg/L	0.296	0.606
	Cobalt	mg/L	0.00503	0.0182
	Nickel	mg/L	0.00611	0.149
	Total Suspended Solids	mg/L	16.5	N/A

* Current result is above background, if confirmed by retest sample(s) an SSI will be identified (1-of-2 retesting plan).

** Current result is a confirmed SSI. Appendix II sampling was or will be completed within 90 days for compliance locations.

Comments:
mg/L = milligrams per liter
MSWLF = municipal solid waste landfill
N/A = not applicable
SSI = statistically significant increase over background
ug/L = micrograms per liter
[1] List contains detection monitoring locations sampled in Oct. 2025.
[2] List contains constituents detected above the laboratory method detection limit (MDL) and includes J-flagged concentrations.

Table 7
Summary of Well/Detected Constituent Pairs With No Previous SSIs
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Comments Continued:

(3) Source of background standards are presented in Table 6. If a constituent isn't listed in Table 6, indicating the constituent hasn't been detected in background, then the background standard is the laboratory reporting limit. Compliance for barium in GUA-1-2 was evaluated by comparing the current concentration to the 1 mg/L limit approved by the Iowa Department of Natural Resources (IDNR, 2024)

• No SSIs were identified at GUA-1-2, MW-3-89, MW-4A-89, MW-6-89, MW-8A-89, and MW-105A-12 during the Fall 2025 statistical evaluation. In addition, barium in GUA-1-2 was below the 1 mg/L limit established in the alternate source demonstration approval (IDNR, 2024). These locations will remain in the detection monitoring program in Spring 2026. Details regarding the future sampling schedules are provided in Table 2.

Table 8
Summary of Ongoing and Newly Identified SSIs
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Monitoring Location	Constituent [1]	Units	Most Recent Result [2]	Background Standard [3]	Lower Confidence Limit	GWPS [3]	Sample Dates		
							Initial Exceedance (above background)	Resample	5th Background Sample
Assessment Monitoring Locations									
MW-1-89	No SSIs								
MW-4B-89	Barium	mg/L	0.73	0.606	0.63	2	Apr. 2009	Jul. 2009	Oct. 2008
	Benzene	ug/L	1.12	0.500	0.81	5	Apr. 2009	Jul. 2009	Oct. 2008
	Chlorobenzene	ug/L	1.29	1.00	0.5	100	Oct. 2011	N/S	Oct. 2008
MW-5-89	Barium	mg/L	1.04	0.606	0.46	2	Oct. 2019	Feb. 2020	Oct. 2008
MW-9-92	1,1-Dichloroethane	ug/L	4.32	1.00	3.5	140	Oct. 2010	Apr. 2011	Oct. 2008
	Arsenic	mg/L	0.123	0.0405	0.0010	0.0461	Apr. 2012	N/S	Oct. 2008
	Barium	mg/L	0.711	0.606	0.24	2	Apr. 2011	Jun. 2011	Oct. 2008
	Benzene	ug/L	1.24	0.500	0.42	5	Jun. 2011	Oct. 2011	Oct. 2008
MW-102A-12	Arsenic	mg/L	0.0917	0.0405	0.0419	0.0461	Apr. 2013	N/S	Oct. 2012
	Barium	mg/L	0.618	0.606	0.43	2	Feb. 2012	Apr. 2012	Oct. 2012
MW-103A-12	Barium	mg/L	0.757	0.606	0.42	2	Oct. 2022	Feb. 2023	Oct. 2012
MW-104A-12	Arsenic	mg/L	0.0616	0.04	0.0057	0.0461	May 2015	Jul. 2015	Oct. 2012
Corrective Action Monitoring Locations - Assessment Constituents									
MW-2A-89	Barium	mg/L	1.11	0.606	0.94	2	Apr. 2009	Jul. 2009	Oct. 2008
MW-101A-12	1,1-Dichloroethane	ug/L	7.02	1.00	9.5	140	Feb. 2012	Apr. 2012	Oct. 2012
	1,2-Dichloropropane	ug/L	2.59	1.00	2.69	5	Feb. 2012	Apr. 2012	Oct. 2012
	Barium	mg/L	0.831	0.606	0.70	2	Apr. 2013	N/S	Oct. 2012
	Benzene	ug/L	0.578	0.500	0.74	5	Apr. 2012	Jun. 2012	Oct. 2012
	Chlorobenzene	ug/L	5.36	1.00	0.5	100	Aug. 2012	Oct. 2012	Oct. 2012
	cis-1,2-Dichloroethene	ug/L	14.5	1.00	30.5	70	Feb. 2012	Apr. 2012	Oct. 2012
	Tetrachloroethene	ug/L	1.03	1.00	1.27	5	Feb. 2012	Apr. 2012	Oct. 2012
Delineation Monitoring Locations - Assessment Constituents									
MW-11	No SSIs								
MW-101B	No SSIs								
MW-107A	No SSIs								
MW-108A	No SSIs								

* For assessment monitoring locations, all current results are below background. If confirmed by a second event, location may return to detection monitoring in accordance with IAC 113.10(6)e. However, three consecutive events will be utilized to make the determination to return to detection monitoring to limit frequent fluctuation of wells moving between the detection and assessment monitoring program.

** LCL has exceeded the GWPS, this well/constituent pair is now identified as an SSL.

*** Non-MSWLF Unit source of the SSI identified.

Comments:

GWPS = groundwater protection standard

IAC = Iowa Administrative Code

Table 8
Summary of Ongoing and Newly Identified SSIs
2025 Annual Water Quality Report
Landfill of North Iowa
Permit No. 17-SDP-01-75P

Comments Continued:

mg/L = milligrams per liter

LCL = lower confidence limit

MSWLF = municipal solid waste landfill

N/S = Not resampled; SSI was declared in lieu of conducting a resample.

SSI = statistically significant increase over background

SSL = statistically significant level over the GWPS

ug/L = micrograms per liter

(1) List contains constituents which have been identified as SSIs in Fall 2025. Unless otherwise noted, the current results listed in this table are above background, and SSIs were declared in lieu of conducting a resample.

(2) Most recent results are from Oct. 2025.

(3) Source of background standards and GWPS values are presented in Table 6. If the constituent isn't listed in Table 6 (indicating the constituent hasn't been detected in background), then the background standard is the laboratory RL, and the GWPS is the MCL or the SS if there is no MCL.

• No SSLs were identified for the assessment monitoring locations. The Fall 2025 statistical evaluation did not identify all Appendix II constituents below background for three consecutive sampling events at MW-1-89, MW-4B-89, MW-5-89, MW-9-92, MW-102A-12, MW-103A-12, and MW-104A-12. Therefore, these locations will not exit assessment monitoring at this time. Details regarding the future sampling schedules are provided in Table 2.

• No SSLs were identified for the assessment constituents in the corrective action monitoring locations. A summary of the statistical comparisons for the corrective action constituents is provided in Table 9. Recommendations regarding the corrective action monitoring program are also provided in Table 9. Details regarding the sampling schedules are provided in Table 2.

• No SSIs were identified for the assessment constituents in the delineation monitoring locations. There are no corrective action constituents at MW-11, MW-101B, and MW-108A. In accordance with Special Provision X.5.o and the updated remedy implementation schedule (Foth, 2022), MW-11, MW-101B, and MW-108A will continue delineation monitoring in 2026 as listed in Table 2. A summary of the corrective action statistical comparison for arsenic in MW-107A is provided in Table 9. Details regarding the sampling schedule for MW-107A are provided in Table 2.

Table 9
Summary of Ongoing and Newly Identified SSLs
2025 Annual Water Quality Report
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Monitoring Location	Constituent	Units	Most Recent Result [1]	Upper Confidence Limit [2]	GWPS [3]	Initial Exceedance	Consecutive Compliance Dates		
							1st Occurrence	Most Recent	Duration
Corrective Action Monitoring Locations									
MW-2A-89 [4]	Arsenic	mg/L	0.132	0.1520	0.0461	Fall 2009	N/A	N/A	N/A
MW-101A-12	Trichloroethene	ug/L	7.06	6.22	5	Fall 2012	N/A	N/A	N/A
	Vinyl Chloride	ug/L	3.43	3.01	2	Fall 2012	N/A	N/A	N/A
Delineation Monitoring Location									
MW-107A	Arsenic	mg/L	0.168	0.1557	0.0461	Fall 2018	N/A	N/A	N/A

* This well/contaminant pair has been compliant for 3 consecutive years and no longer has an SSL.

** Non-MSWLF Unit source of the SSL identified.

Comments:

GWPS = groundwater protection standard

mg/L = milligrams per liter

N/A = not applicable; indicates the analyte/well pair has not achieved compliance with the GWPS; the upper confident limit or the upper 95% confidence limit on the trend line is above the GWPS.

ug/L = micrograms per liter

[1] Most recent results are from Oct. 2025.

[2] If a decreasing trend was identified, the value is the upper 95% confidence limit on the trend line.

[3] Sources of GWPS values are presented in Table 6.

[4] Prior to the Fall 2025 event, barium in MW-2A-89 was also listed as a corrective action constituent. In accordance with 567 IAC 113.10(9)e(2), barium in MW-2A-89 returned to an assessment constituent in Fall 2025 since compliance with the GWPS was maintained for three consecutive years. Statistical comparisons for barium in MW-2A-89 are now included in Table 8.

• For the corrective action monitoring locations, SSLs over the GWPS remained for arsenic at MW-2A-89 and trichloroethene and vinyl chloride at MW-101A-12. Note that while compliance with the GWPS was not achieved, statistically significant decreasing trends were identified for trichloroethene and vinyl chloride at MW-101A-12.

• For delineation monitoring location MW-107A, an SSL over the GWPS remained for arsenic.

• No changes are recommended for the corrective action and delineation monitoring programs based on the corrective action statistical results conducted during the Fall 2025 statistical evaluation. In accordance with 567 IAC 113.10(9)a(1), the updated remedy implementation schedule (Foth, 2022) and Special Provision X.5.o, MW-2A-89, MW-101A-12, and MW-107A will continue corrective action and delineation monitoring in 2026 as listed in Table 2.

Table 10
Historic SSIs and SSLs
2025 Annual Water Quality Report
Landfill of North Iowa
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Key: gray = SSI black = SSL orange = SSL achieved compliance with the GWPS (1 event)		March	June [1]	August	November [2]	March	June [3]	September	November [4]	April	May/July [5]	October	February [6]	April	August [7]	October
Monitoring Location	**Constituent**	**2017**	**2017**	**2017**	**2017**	**2018**	**2018**	**2018**	**2018**	**2019**	**2019**	**2019**	**2020**	**2020**	**2020**	**2020**
Downgradient Monitoring Locations																
GUA-1	1,1-Dichloroethane	N.S	N.S		N.S		N.S		N.S		N.S		N.S	N.S	N.S	
	Acetone	N.S	N.S		N.S		N.S		N.S		N.S		N.S	N.S	N.S	
	Barium	N.S	N.S		N.S		N.S		N.S		N.S		N.S	N.S	N.S	
	Benzene	N.S	N.S		N.S		N.S		N.S		N.S		N.S	N.S	N.S	
	cis-1,2-Dichloroethene	N.S	N.S		N.S		N.S		N.S		N.S		N.S	N.S	N.S	
	Silver	N.S	N.S		N.S		N.S		N.S		N.S		N.S	N.S	N.S	
	Thallium	N.S	N.S		N.S		N.S		N.S		N.S		N.S	N.S	N.S	
	Vinyl Chloride	N.S	N.S		N.S		N.S		N.S		N.S		N.S	N.S	N.S	
GUA-1-2	1,1-Dichloroethane				N.S		N.S						N.S		N.S	
	Acetone		N.S.		N.S		N.S		N.S.				N.S.		N.S	
	Barium		N.S.		N.S		N.S				N.S				N.S	
	cis-1,2-Dichloroethene				N.S		N.S						N.S.		N.S	
MW-1-89	Acetone		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	cis-1,2-Dichloroethene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Silver		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Tetrachloroethene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Thallium		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
MW-2A-89	1,1-Dichloroethane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	1,4-Dichlorobenzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Arsenic		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Barium		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Benzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Chlorobenzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Ethylbenzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
MW-3-89	No SSIs or SSLs															
MW-4A-89	No SSIs or SSLs															
MW-4B-89	1,1-Dichloroethane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	2,4,5-TP [Silvex]		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Arsenic		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Barium		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Benzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Chlorobenzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
MW-5-89	Barium		N.S		N.S		N.S		N.S		N.S				N.S	
MW-6-89	No SSIs or SSLs															
MW-8A-89	No SSIs or SSLs															
MW-9-92	1,1-Dichloroethane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Acetone		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Arsenic		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Barium		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Benzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Chloroethane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	cis-1,2-Dichloroethene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Vinyl Chloride		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
MW-101A-12	1,1-Dichloroethane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	1,2-Dichloroethane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	1,2-Dichloropropane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Antimony		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Barium		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Benzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Chlorobenzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	cis-1,2-Dichloroethene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	

Table 10
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Key: gray = SSI black = SSL orange = SSL achieved compliance with the GWPS (1 event)		May	October	April [8]	August [9]	October	February [10]	May	August [11]	November	February [12]	April/May	Sep./October	February [13]	April	October
Monitoring Location	**Constituent**	**2021**	**2021**	**2022**	**2022**	**2022**	**2023**	**2023**	**2023**	**2023**	**2024**	**2024**	**2024**	**2025**	**2025**	**2025**
Downgradient Monitoring Locations																
GUA-1	1,1-Dichloroethane		N.S	N.S	N.S		N.S		N.S	N.S	N.S	N.S		N.S		N.S
	Acetone		N.S	N.S	N.S		N.S		N.S	N.S	N.S	N.S		N.S		N.S
	Barium		N.S	N.S	N.S		N.S		N.S	N.S	N.S	N.S		N.S		N.S
	Benzene		N.S	N.S	N.S		N.S		N.S	N.S	N.S	N.S		N.S		N.S
	cis-1,2-Dichloroethene		N.S	N.S	N.S		N.S		N.S	N.S	N.S	N.S		N.S		N.S
	Silver		N.S	N.S	N.S		N.S		N.S	N.S	N.S	N.S		N.S		N.S
	Thallium		N.S	N.S	N.S		N.S		N.S	N.S	N.S	N.S		N.S		N.S
	Vinyl Chloride		N.S	N.S	N.S		N.S		N.S	N.S	N.S	N.S		N.S		N.S
GUA-1-2	1,1-Dichloroethane				N.S				N.S		N.S			N.S		
	Acetone				N.S		N.S		N.S		N.S			N.S		
	Barium				N.S						N.S			N.S		
	cis-1,2-Dichloroethene				N.S		N.S		N.S		N.S			N.S		
MW-1-89	Acetone			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	cis-1,2-Dichloroethene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Silver			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Tetrachloroethene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Thallium			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
MW-2A-89	1,1-Dichloroethane				N.S		N.S		N.S		N.S			N.S		
	1,4-Dichlorobenzene				N.S		N.S		N.S		N.S			N.S		
	Arsenic				N.S		N.S		N.S		N.S			N.S		
	Barium				N.S		N.S		N.S		N.S			N.S		
	Benzene				N.S		N.S		N.S		N.S			N.S		
	Chlorobenzene				N.S		N.S		N.S		N.S			N.S		
	Ethylbenzene				N.S		N.S		N.S		N.S			N.S		
MW-3-89	No SSIs or SSLs															
MW-4A-89	No SSIs or SSLs															
MW-4B-89	1,1-Dichloroethane			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	2,4,5-TP [Silvex]			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Arsenic			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Barium			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Benzene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Chlorobenzene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
MW-5-89	Barium			N.S	N.S							N.S		N.S	N.S	
MW-6-89	No SSIs or SSLs															
MW-8A-89	No SSIs or SSLs															
MW-9-92	1,1-Dichloroethane				N.S		N.S		N.S		N.S			N.S		
	Acetone				N.S		N.S		N.S		N.S			N.S		
	Arsenic				N.S		N.S		N.S		N.S			N.S		
	Barium				N.S		N.S		N.S		N.S			N.S		
	Benzene				N.S		N.S		N.S		N.S			N.S		
	Chloroethane				N.S		N.S		N.S		N.S			N.S		
	cis-1,2-Dichloroethene				N.S		N.S		N.S		N.S			N.S		
	Vinyl Chloride				N.S		N.S		N.S		N.S			N.S		
MW-101A-12	1,1-Dichloroethane				N.S		N.S		N.S		N.S			N.S		
	1,2-Dichloroethane				N.S		N.S		N.S		N.S			N.S		
	1,2-Dichloropropane				N.S		N.S		N.S		N.S			N.S		
	Antimony				N.S		N.S		N.S		N.S			N.S		
	Barium				N.S		N.S		N.S		N.S			N.S		
	Benzene				N.S		N.S		N.S		N.S			N.S		
	Chlorobenzene				N.S		N.S		N.S		N.S			N.S		
	cis-1,2-Dichloroethene				N.S		N.S		N.S		N.S			N.S		

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Key: gray = SSI black = SSL orange = SSL achieved compliance with the GWPS (1 event)		March	June [1]	August	November [2]	March	June [3]	September	November [4]	April	May/July [5]	October	February [6]	April	August [7]	October
Monitoring Location	**Constituent**	**2017**	**2017**	**2017**	**2017**	**2018**	**2018**	**2018**	**2018**	**2019**	**2019**	**2019**	**2020**	**2020**	**2020**	**2020**
Downgradient Monitoring Locations Continued																
MW-101A-12 Continued	Dichlorodifluoromethane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Tetrachloroethene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	trans-1,2-Dichloroethene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Trichloroethene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Vinyl Chloride		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
MW-102A-12	Arsenic		N.S				N.S				N.S		N.S		N.S	
	Barium		N.S		N.S		N.S				N.S		N.S		N.S	
	Benzene		N.S		N.S						N.S		N.S		N.S	
	Chlorobenzene		N.S								N.S		N.S		N.S	
	Mercury		N.S		N.S		N.S				N.S		N.S		N.S	
MW-103A-12	Barium		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
MW-104A-12	1,1-Dichloroethane		N.S				N.S		N.S		N.S		N.S		N.S	
	Acetone		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Arsenic		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Barium		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Benzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Sulfide		N.S		N.S						N.S		N.S		N.S	
MW-105A-12	1,1-Dichloroethane		N.S		N.S		N.S						N.S		N.S	
	Benzene		N.S		N.S		N.S						N.S		N.S	
Delineation Monitoring Locations																
MW-11	No SSIs or SSLs															
MW-101B [15]	1,1-Dichloroethane	N.S	N.S						N.S		N.S		N.S		N.S	
	1,2-Dichloropropane	N.S	N.S						N.S		N.S		N.S		N.S	
	Benzene	N.S	N.S						N.S		N.S		N.S		N.S	
	cis-1,2-Dichloroethene	N.S	N.S						N.S		N.S		N.S		N.S	
	Vinyl Chloride	N.S	N.S						N.S		N.S		N.S		N.S	
MW-107A	1,1-Dichloroethane		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Arsenic		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Barium		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Benzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Chlorobenzene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	cis-1,2-Dichloroethene		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
	Vinyl Chloride		N.S		N.S		N.S		N.S		N.S		N.S		N.S	
MW-108A	No SSIs or SSLs															

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Key: gray = SSI black = SSL orange = SSL achieved compliance with the GWPS (1 event)		May	October	April [8]	August [9]	October	February [10]	May	August [11]	November	February [12]	April/May	Sep./October	February [13]	April	October
Monitoring Location	**Constituent**	**2021**	**2021**	**2022**	**2022**	**2022**	**2023**	**2023**	**2023**	**2023**	**2024**	**2024**	**2024**	**2025**	**2025**	**2025**
Downgradient Monitoring Locations Continued																
MW-101A-12 Continued	Dichlorodifluoromethane				N.S		N.S		N.S		N.S			N.S		
	Tetrachloroethene				N.S		N.S		N.S		N.S			N.S		
	trans-1,2-Dichloroethene				N.S		N.S		N.S		N.S			N.S		
	Trichloroethene				N.S		N.S		N.S		N.S			N.S		
	Vinyl Chloride				N.S		N.S		N.S		N.S			N.S		
MW-102A-12	Arsenic			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Barium			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Benzene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Chlorobenzene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Mercury			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
MW-103A-12	Barium			N.S	N.S							N.S		N.S	N.S	
MW-104A-12	1,1-Dichloroethane			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Acetone			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Arsenic			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Barium			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Benzene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Sulfide			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
MW-105A-12	1,1-Dichloroethane			N.S	N.S		N.S	N.S	N.S		N.S		(14)	(14)		
	Benzene			N.S	N.S		N.S	N.S	N.S		N.S			N.S		
Delineation Monitoring Locations																
MW-11	No SSIs or SSLs															
MW-101B [15]	1,1-Dichloroethane			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	1,2-Dichloropropane			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Benzene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	cis-1,2-Dichloroethene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Vinyl Chloride			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
MW-107A	1,1-Dichloroethane			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Arsenic			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Barium			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Benzene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Chlorobenzene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	cis-1,2-Dichloroethene			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
	Vinyl Chloride			N.S	N.S		N.S	N.S	N.S		N.S	N.S		N.S	N.S	
MW-108A	No SSIs or SSLs															

Table 10
Historic SSIs and SSLs
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Comments:

N.S. = not sampled

SSI = statistically significant increase over background

SSL - statistically significant level over the groundwater protection standard

(1) The Jun. 2017 event was limited to 1,1-dichloroethane and cis-1,2-dichloroethene retests at GUA-1-2.

(2) The Nov. 2017 event was limited to the 2nd baseline delineation monitoring event for the Appendix I volatile organic compounds (VOCs) at MW-101B; 1,2-dichlorobenzene, arsenic, and chlorobenzene retests at MW-102A-12; and 1,1-dichloroethane retest at MW-104A-12.

(3) The Jun. 2018 event was limited to sulfide retests at MW-1-89, MW-2A-89, MW-4B-89, MW-11, MW-104A-12, and MW-108A; acetone retest at MW-4A-89; chlorobenzene retest at MW-6-89; sulfide background monitoring at MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12; the 2nd baseline delineation monitoring event for the Appendix I VOCs at MW-101B; benzene and chlorobenzene retest at MW-102A-12; and the 2nd re-triggered baseline assessment monitoring event for the full Appendix II list at MW-104A-12.

(4) The Nov. 2018 event was limited to 1,1-dichloroethane, barium, and cis-1,2-dichloroethene retests at GUA-1-2; sulfide retest at MW-2A-89; the 2nd re-triggered baseline assessment monitoring event for the full Appendix II list at MW-102A-12; and the 4th baseline sulfide sample at MW-104A-12; benzene retest at MW-105A-12.

(5) The May/July. 2019 event was limited to the passive treatment verification sampling for the Appendix I VOCs at GUA-1-2 in May 2019; and the 2nd re-triggered baseline assessment monitoring event for the full Appendix II list at MW-105A-12 in Jul. 2019.

(6) The Feb. 2020 event was limited to arsenic and barium retests at GUA-1-2, arsenic retest at MW-4A-89, and barium retest at MW-5-89.

(7) The Aug. 2020 event was limited to chlorobenzene retest at MW-3-89.

(8) In accordance with Special Provision X.5.o, MW-1-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-11, MW-101B, MW-102A-12, MW-103A-12, MW-104A-12, MW-107A, and MW-108A initiated annual monitoring during fall sampling events starting in 2022.

(9) The Aug. 2022 event was limited to sulfide at MW-2A-89.

(10) The Feb. 2023 event was limited to 1,1-dichloroethane, barium, and silver retests at GUA-1-2; barium retests at MW-5-89 and MW-103A-12; and the p-phenylenediamine retest at MW-9-92.

(11) The Aug. 2023 event was limited to barium and thallium in GUA-1-2 and the second baseline assessment monitoring event for the full Appendix II list at MW-5-89 and MW-103A-12.

(12) The Feb. 2024 event was limited to the fourth baseline assessment monitoring event for the full Appendix II list at MW-5-89 and MW-103A-12.

(13) The Feb. 2025 event was limited to the 1,1-dichloroethane retest at MW-105A-12.

(14) As discussed in Table 2, a retest sample was collected for 1,1-dichloroethane in MW-105A-12 due to the identification of a single Double Quantification Rule (DQR) detection during the Fall 2024 statistical evaluation. The Feb. 2025 retest did not confirm the single DQR detection identified; therefore, an SSI was not identified.

(15) MW-101B was installed in Jul. 2017 and baseline delineation monitoring was initiated in Aug. 2017. Statistical comparisons at this location were initiated with the results of the Aug. 2017 event.

Table 11
Corrective Action Trend Analysis
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Monitoring Location	Corrective Action Constituent	Trend**	N	Analyte/Well Pair Achieved Compliance with GWPS?	Projected Year to Completion* [1,2]
Corrective Action Monitoring Locations					
MW-2A-89	Arsenic	No Trend	39	No	2056
MW-101A-12	Trichloroethene	Decreasing (2016)	20	No	2030
	Vinyl Chloride	Decreasing (2014)	24	No	2032
Delineation Monitoring Locations					
MW-107A	Arsenic	No Trend	14	No	No Attenuation

* To satisfy IAC 113.10(9)e(2)

* Permit shall adjust corrective action for financial assurance as completion date warrants

** Permit holder addresses adequacy of corrective measure when trend is not favorable

Comments:

GWPS = groundwater protection standard

N - number of samples

* For remedy completion [IAC 113.10(9)e(2)], compliance with the GWPS is considered achieved by demonstrating that concentrations of all Appendix II constituents have not exceeded the GWPS for a period of three consecutive years or an alternate length of time established by the Iowa Department of Natural Resources (IDNR).

[1] For corrective action constituents that have achieved compliance with the GWPS, the projected year to completion listed is 3 years after compliance was first achieved (i.e., 3 years after the first occurrence listed in Table 9) and will remain as long as concentrations remain statistically below the GWPS during the interim statistical evaluations. Individual analyte/well pairs will return to assessment constituents once compliance with the GWPS has been achieved for a period of three consecutive years. In accordance with IAC 113.10(9)e(2), a well may not return to assessment monitoring until all detected constituents have achieved compliance with the GWPS for a period of three consecutive years.

[2] For the remaining corrective constituents (i.e., those that have not achieved compliance with the GWPS), the projected year to completion was based on the estimated first order attenuation rates for individual analyte/well pairs evaluated as part of the Fall 2025 statistical evaluation (Appendix B). The projected years to completion are 3 years after the first order attenuation rates projected initial compliance with the GWPS.

Conclusions and Recommendations:

• As noted in Table 9, barium in MW-2A-89 was also listed as a corrective action constituent prior to the Fall 2025 event. In accordance with 567 IAC 113.10(9)e(2), barium in MW-2A-89 returned to an assessment constituent in Fall 2025 since compliance with the GWPS was maintained for three consecutive years. Therefore, barium in MW-2A-89 is no longer listed in this table.

• Stable or decreasing trends were identified for the corrective action constituents. Continued progress with the monitored natural attenuation (MNA) remedy is evidenced by barium in MW-2A-89 exiting corrective action in 2025, and the stable or decreasing trends identified for the remaining corrective action constituent/well pairs.

• The 2025 groundwater quality data support continued implementation of the MNA remedy for the groundwater plume at the Landfill of North Iowa.

• Remedy completion will continue to be evaluated utilizing confidence intervals in corrective action mode and regression analysis in accordance with the Unified Guidance (EPA, 2009) recommendations. The next five-year review cycle for evaluating progress with the first order attenuation model results and timeframes to ensure actual conditions are meeting the modeled expectations and to evaluate if attenuation cannot meet the cleanup goals will be conducted by May 1, 2027.

Table 12
Leachate Management Summary
2025 Leachate Control System Performance Evaluation Report
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Month	Leachate Elevations (feet amsl)			Leachate Head Levels (feet)			Month	Leachate Collected [1] (gal)	Volume Recirculated (gal)	Discharged to Mason City WWTP (gal)	Precipitation (in)
	LHPZ-2	LHPZ-3	LHPZ-5	LHMR-1B-R	LHPZ-6	LHPZ-7					
January	1193.94	1180.70	1191.62	1.23	NM [2]	0.98	January	355,500	0	355,500	0.52
February	NM [3]	1179.57	1191.62	1.23	NM [2]	0.90	February	254,100	0	254,100	0.63
March	NM [3]	1179.68	1192.52	3.54	NM [2]	0.84	March	605,300	0	605,300	1.48
April	1194.00	1179.90	1192.52	3.62	NM [2]	0.90	April	1,124,100	0	1,124,100	2.91
May	1194.00	1179.98	1192.52	1.10	1.47	0.56	May	660,100	0	660,100	2.67
June	1193.37	1180.53	1194.02	2.68	1.66	0.45	June	803,200	0	803,200	4.40
July	1193.75	1180.83	1194.02	3.12	1.74	0.51	July	1,090,500	0	1,090,500	4.08
August	1193.74	1180.79	1192.52	1.59	1.79	0.61	August	935,200	0	935,200	3.32
September	1193.43	1181.39	1192.52	0.62	0.91	0.59	September	574,000	0	574,000	1.35
October	1193.50	1180.06	1194.02	0.29	0.93	0.94	October	299,800	0	299,800	0.60
November	1193.50	1180.03	1194.02	0.30	1.71	0.78	November	463,800	0	463,800	1.10
December	1193.46	1180.37	1192.52	0.08	0.13	0.51	December	406,200	0	406,200	0.72
							2025 Annual Total	7,571,800	0	7,571,800	23.78

Grey highlighted cells indicate head levels in exceedance of 1 foot of head on the liner.

Comments:
amsl = above mean sea level
gal = gallons
in = inches
NM = not measured
WWTP = Wastewater Treatment Plant

[1] Leachate volumes were measured through a flow meter at the Primary Lift Station. The volume collected represents leachate collected from the Existing Unlined Disposal Area, the Existing Lined Disposal Area, and Cell A, Phases I-III.

[2] The LHPZ-6 transducer was errantly reading a head level of 0.000 starting 12/21/2025. Electric Pump conducted troubleshooting in early 2026 with the transducer repaired and back online starting 5/12/2026.

[3] The In-Situ Rugged Troll 200 transducer at LHPZ-2 went offline in Feb. 2026. The transducer was replaced at the end of Mar. 2026, with the first measurement recording in Apr. 2026.

- The contents of this table are intended to satisfy the requirements set forth in 567 IAC 113.7(5)b and Special Provision X.2.d.
- The 2025 precipitation total of 23.78 inches was lower than the 2024 total (33.68 inches), and more similar to the 2020-2023 precipitation totals occurring during drought conditions.

Maintenance:

- Leachate line cleaning and inspection was last conducted in Nov. 2023 by Superior Jetting. The next line cleaning and inspection will be performed in 2026.
- As discussed in footnotes 2 and 3 above, the LPHZ-2 transducer was replaced and the LHPZ-6 transducer was repaired in 2026.
- In Nov./Dec. 2025, Electric Pump performed flow meter verification and Quality Pump performed annual pump maintenance.

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Leachate Management Summary
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Performance - Existing Unlined Disposal Area:

• For the Existing Unlined Disposal Area, steady leachate elevations were observed at LHPZ-2 and LHPZ-3, and these levels were consistent with elevations reported in 2020-2024. At LHPZ-5, the *2024 AWQR* (Foth, 2025a) reported an approximately 4-foot decrease between Jul. and Dec. 2025. In Jan. 2026, elevations increased by approximately 5 feet and returned to similar levels exhibited between 2020 and Jun. 2024. No correlation with precipitation was identified at these locations in 2025.

Performance - Existing Unlined Disposal Area Continued:

• Leachate contours for the Existing Unlined Disposal Area were included with the groundwater contours in Figures 2 and 3 of this 2025 AWQR. The overall leachate contour pattern is consistent with 2024 and represents no significant change.

• Site operations and management practices for the Existing Unlined Disposal Area were consistent with the regulatory intent to achieve the lowest possible leachate head levels in the unlined cell. The leachate toe drain continues to function as designed, and monthly elevations have been collected to monitor short-term and long-term trends in the leachate elevation data.

Performance - Existing Lined Disposal Area and Cell A, Phases I-III:

• For the Existing Lined Disposal Area and Cell A, Phases I-III, effective leachate control is defined in accordance with 567 IAC 113.7(5)b(3) as maintaining less than one foot of leachate head over the liner at the system's lowest point(s) within the waste unit. In 2025, head levels at LHPZ-7 were below one foot of head over the liner, indicating compliance with 567 IAC 113.7(5)b(3). Conversely, head levels exceeded one foot of head over the liner from Jan. to Aug. 2025 at LHMR-1B-R, and from May to Aug. 2025 and Nov. 2025 at LHPZ-6. These exceedances are further discussed below.

• LHMR-1B-R monitors head levels for the Existing Lined Disposal Area. The Jan. and Feb. 2025 head levels only slightly exceeded the 1-foot requirement, with head levels of 1.23 feet. The head level exceedances measured between Mar. and Aug. 2025 are attributed to increased precipitation. As recommended in the *2024 AWQR* (Foth, 2025a), the intermediate cover for the Existing Lined Disposal Area, notably near LHMR-1B-R, will be re-inspected in 2026. Inspections will look for cracks, erosion, or damage to the intermediate cover, subsidence, ponding, bare spots or vegetative distress, and presence and functionality of stormwater drainage features. At least one inspection will be conducted during or after a rain event has occurred. If the inspection identifies areas for improvement, actions will be taken as soon as possible or a plan for addressing the improvement(s) will be prepared.

• LHPZ-6 monitors head levels for Cell A, Phases I-III. As detailed in the *2022 AWQR* (Foth, 2023), sediment from stormwater infiltrations in 2021 filled the LHPZ-6 side-slope riser and blocked off the screened section. Flushing efforts conducted by Rock Leaf Water Environmental, LLC in Sep. 2022 removed some of the sediment, which resulted in the measurements reducing from approximately 9 feet to 2.7 feet. Superior Jetting jetted this riser again in Nov. 2023, but were unable to fully remove the entrapped sediment. As noted in previous reports, an abutment liner was constructed on the north side of Cell A, Phases I and II in fourth quarter 2023, which increased the volume of leachate generated during precipitation events and resulted in short-term head level exceedances at both LHPZ-6 and LHPZ-7 in 2024. Given the increased precipitation and head level exceedances at both transducers, Foth was unable to determine the validity of the measurements for LHPZ-6 in 2024. The transducer went offline in Dec. 2024, was repaired, and returned back online starting 5/12/2026. Head level exceedances were identified after the new transducer came online. Due to the ongoing issues with entrapped sediment, this location is not able to report representative head levels. While exceedances may have occurred, it takes several months for head levels to reduce due to the entrapped sediment remaining within the casing and the gravel pack around this piezometer. Given the ongoing sedimentation issue, Foth recommends the removal of LHPZ-6 from the leachate monitoring network. LHPZ-7 continues to monitor leachate head levels at the lowest point of Cell A, Phases I-III.

Leachate Recirculation:

• Special Provision X.4 authorizes leachate recirculation in Cell A. Leachate recirculation was not conducted in 2025.

Leachate Disposal

• The total volume of leachate conveyed via the force main to the Mason City WWTP in 2025 was 7,571,800 gallons, which was lower than the disposal volume reported in 2024 (i.e., 8,327,000 gallons). This reduction is attributed to lower precipitation in 2025 and additional waste placement on the abutment liner. It is anticipated that the accumulation of waste on the abutment liner in addition to the accumulation of waste and use of daily and intermediate cover in Cell A, Phases I-III will result in reductions in the volume of leachate generated over time.

• Laboratory analytical results for leachate disposal at the Mason City Wastewater Treatment Facility are included in Appendix C.

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Leachate Management Summary
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Leachate Collection System Description for Existing Unlined Disposal Area and Existing Lined Disposal Area:

• Leachate head levels from the Existing Unlined and Lined Disposal Areas are monitored monthly via pressure transducers in the vertical risers, except for LHPZ-5. At LHPZ-5, head levels were measured with a water level indicator.

• The leachate collection system for the Existing Unlined Disposal Area consists of a gravity toe drain encompassing approximately 2,000 feet of the north and west perimeters of the cell. The toe drain connects to the north-south solid transmission line for the Existing Lined Disposal Area.

Leachate Collection System Description for Existing Unlined Disposal Area and Existing Lined Disposal Area Continued:

• The Existing Lined Disposal Area was constructed with a designed leachate collection system. Three perforated gravity collection lines were installed in the drainage layer directly above the clay and composite liner, which gravity drain leachate from east to west through the cell. The perforated collection lines transition to solid pipes that penetrate the cell's west sidewall. Leachate from the three east-west perforated collection lines discharges to a north-south running solid transmission line, which gravity drains to the Load-Out Lift Station. In addition, a new trench drain was constructed in 2018 along the westerly toe of the Existing Lined Disposal Area to allow for adequate leachate drainage from the composite lined cell.

Leachate Collection System Description for Cell A, Phases I and II:

• Leachate head levels from Cell A - Phases I-III are monitored monthly via pressure transducers in the side-slope risers. The transducers were replaced in 2018 with new transducers and connected to the SCADA system.

• Cell A - Phases I, II, and III were constructed with a designed leachate collection system. Two perforated gravity collection lines were installed in the drainage layer directly above the liner, and gravity drains leachate from east to west through the Phase I-III cells. The perforated collection lines transition to solid pipes, which penetrate the west sidewall of Cell A Phase I through bootless pipe penetration components. Leachate from the two east-west perforated collection lines discharges to a north-south solid transmission line which gravity drains toward the Load-Out Lift Station. From there, leachate can either be pumped to the existing 30,000 gallon underground storage tank or pumped to the Primary Lift Station located to the northwest of the Household Hazardous Materials Regional Collection Center (HHM RCC) through force main piping that was constructed in 2018. Leachate and sanitary sewer are combined at this point. In 2018, a new force main was constructed between the Primary Lift Station and an existing City of Mason City sanitary sewer maintenance hole near the Cerro Gordo Sheriff's Office. Leachate and sanitary sewage flow via the Mason City sanitary sewer system to the City of Mason City Wastewater Treatment Facility. Note that Load-Out #2 remained in place to serve as a backup in case of sewer shut-down or other emergencies. Leachate disposal via the sanitary sewer force main has been in operation since Sep. 2018.

Requests:

• On behalf of the Landfill of North Iowa, Foth requests Iowa Department of Natural Resources (IDNR) review and approval to amend Permit Special Provision X.2 and the leachate monitoring network by removing LHPZ-6 due to the ongoing issues with entrapped sediment impacting the representativeness of the levels measured. LHPZ-7 continues to monitor leachate head levels at the lowest point of Cell A, Phases I-III.

Table 13
Methane Monitoring Summary
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Monitoring Points			Methane Results (% LEL)							
Name	Type	Description	Feb. 2025 - S (Y/N)		Apr. 2025 - S (Y/N)		Aug. 2025 - S (Y/N)		Oct. 2025 - S (Y/N)	
GMW-1-12	Methane Monitoring Probe	East of Existing Unlined Area	4	N	15	N	16	N	2	N
GMW-2	Methane Monitoring Probe	East of Existing Lined Area	0	N	100	N	100	N	100	N
MW-1-89	Monitoring Well	North of Existing Unlined Area	4	N	3	N	0	N	0	N
Scale House/Office	Indoor	North of Existing Unlined Area	0		0		0		0	
HHM RCC	Indoor	North of Existing Unlined Area	0		0		0		0	
Electronics Recycling Building	Indoor	North of Existing Unlined Area	0		0		0		0	
Maintenance Shop	Indoor	North of Existing Unlined Area	0		0		0		0	

Comments:

HHM RCC = Household Hazardous Materials Regional Collection Center

LEL = lower explosive limit

NM = not measured

S (Y/N) = Was screen submerged, yes or no or blank is non-applicable

• The contents of this report are intended to satisfy the requirements set forth in 567 IAC 113.9(2) and Special Provision X.6.

• The quarterly methane monitoring results for facility structures did not indicate concentrations in exceedance of 25% of the LEL. At subsurface perimeter monitoring locations MW-1-89 and GMW-1-12, no exceedances of the 100% LEL limit for methane at the facility property boundary were identified. Methane concentrations at subsurface perimeter monitoring location GMW-2 were below the 100% LEL limit in 1st quarter 2025, but exceeded the 100% LEL limit for methane during 2nd through 4th quarters in 2025.

Review of Methane Remediation Implementation at GMW-1-12

• Notification of methane exceedances at GMW-1-12 was submitted to IDNR on August 5, 2015 (Foth, 2015a). In accordance with IAC 113.9(2)c(3), a methane remediation plan was submitted on September 24, 2015 (Foth, 2015b) and approved by the IDNR through Special Provision X.6.f.

• In accordance with the approved methane remediation plan, a horizontal collection trench and seven vertical gas vents were constructed along the eastern boundary of the Existing Unlined Disposal Area in October 2015 to address the methane exceedances identified at GMW-1-12. In 2016, vacuum pump testing was conducted at GMW-1-12 and indicated that the source of elevated methane concentrations at GMW-1-12 was likely pockets of landfill gas that had accumulated east of the new passive venting trench and not continuous methane migration from the unlined cell. The *2015 Methane Monitoring Report* (Foth, 2016) noted that methane concentrations may be anticipated at GMW-1-12 for several months to years after construction of the planned improvements while the landfill gas accumulated east of the newly constructed trench slowly continues to migrate.

• Between 3rd quarter 2015 and 2025, intermittent exceedances of the 100% LEL limit were identified at GMW-1-12. Note that exceedances were not identified at GMW-1-12 in 2020, 2023, and 2025. The methane exceedances identified initially (i.e., months to several years) after installation of the passive venting trench were attributed to pockets of landfill gas that had accumulated east of the trench. While intermittent exceedances have been identified, installation of the passive venting trench has generally been effective in reducing methane migration east of the Existing Unlined Disposal Area. These intermittent exceedances have been occurring less frequently over time, with none identified in 2025. When intermittent exceedances occur, off-site methane migration beyond GMW-1-12 is not anticipated due to physical barriers to methane migration, as further discussed in the methane remediation implementation section for GMW-2 below.

Review of Methane Remediation Implementation at GMW-2

• Notification of methane exceedances at GMW-2 was submitted to the IDNR on December 8, 2015 (Foth, 2015c). In accordance with IAC 113.9(2)c(3), a methane remediation plan was included in the 2015 Methane Monitoring Report (Foth, 2016) and approved by the IDNR in their letter dated April 27, 2016 (IDNR, 2016). A revised methane remediation plan was submitted in the 2016 Methane Monitoring Report (Foth, 2017a) and approved by the IDNR through Special Provision X.6.g.

Table 13
Methane Monitoring Summary
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Review of Methane Remediation Implementation at GMW-2 Continued

• The initial methane remediation plan (Foth, 2016) could not be constructed in 2016 due to physical constraints associated with the construction of a passive venting trench along the east boundary of the Existing Lined Disposal Area and the likelihood of the methane source to be from the Existing Unlined Disposal Area located approximately 300 feet to the north-northwest of GMW-2. The revised methane remediation plan (Foth, 2017a) recommended continued quarterly monitoring in lieu of installation of passive venting trenches or other active remedial measures. Off-site migration was not anticipated since the bottom of waste for both the Existing Unlined and Lined Disposal Areas are above the low point of the drainage ditch east of the east property boundary and limited downward vertical methane migration was anticipated due to the lighter density of methane relative to air and the fine-grained subsurface geology with low permeability. In addition, there were no residences or subsurface structures east of the property which could become receptors for methane migration. Therefore, there would be no impacts to human health if eastward migration were to occur.

• Methane concentrations at GMW-2 exceeded the LEL during most events from 2016-2025 with concentrations ranging between 30-61% methane, with the following exceptions. The methane concentrations at GMW-2 were 7-11% (100% LEL) in 4th quarter 2017, 0% methane (0% LEL) in 1st quarter 2018, 28% methane (100% LEL) in 3rd quarter 2019, 0% methane (0% LEL) in 2nd quarter 2020, 0% methane (0% LEL) in 1st quarter 2021, 19% methane (100% LEL) in 2nd quarter 2021, 0% methane (0% LEL) in 1st quarter 2022, 2.6% methane (52% LEL) in 4th quarter 2023, and 0% methane (0% LEL) in 1st quarter 2025.

Conclusions and Recommendations

• Methane concentrations in 2025 did not exceed 25% of the LEL for facility structures or 100% of the LEL at subsurface perimeter monitoring locations MW-1-89 and GMW-1-12. At GMW-2, methane concentrations were below the 100% LEL limit in 1st quarter 2025, but exceeded the 100% LEL limit during 2nd through 4th quarters in 2025. In accordance with the revised methane remediation plan for GMW-2 (Foth, 2017a), continued quarterly monitoring was conducted in 2025 in lieu of installation of passive venting trenches or other active remedial measures.

• Monitoring of potential methane emissions and migration will continue to be conducted on a quarterly basis in 2026 in accordance with the Permit and IAC 113.9(2). The methane remediation plans for GMW-1-12 and GMW-2 will continue to be reviewed in the 2026 Methane Monitoring Report.

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Comments:

Detections above the laboratory MDL are shown in **bold**.

DwnGrad = downgradient (compliance) monitoring location.

Bkgrnd = background monitoring location.

Delin = delineation monitoring location.

• The following table present the groundwater Appendix II analytical data collected since October 2007.

• As detailed in Table 6 and Section 3.1.1 of this AWQR, the Apr. 2025 arsenic, barium, cobalt, copper, lead, and nickel results and Oct. 2025 arsenic result at MW-106A-12 were recommended for removal from background based on review of total suspended solids (TSS) concentrations. These results are listed as crossed out concentrations in Table 14.

• 1,2-Dichlropropane in MW-101A-12 and barium in MW-2A-89 exited corrective action and returned to assessment constituents in Spring and Fall 2025, respectively. Historical data collected prior to the first achievement of statistical compliance with the GWPS were recommended for removal during the Spring and Fall 2025 statistical evaluations. Compliance with the GWPS was first achieved in Spring 2022 for 1,2-dichloropropane in MW-101A-12 and Fall 2022 for barium in MW-2A-89; therefore, the historical data prior to these initial compliance dates were recommended for removal and are listed as crossed out concentrations in Table 14.

• Previously approved background data set adjustments were maintained and are listed as crossed out concentrations in Table 14:

  • Removal of the Apr. 2019 data at MW-15-10R and MW-106A-12 due to a temporary gradient change resulting in these location being evaluated as downgradient monitoring wells, as further detailed in the *Spring 2019 Statistical Notification & Underdrain Plan* (Foth, 2019b). Note that MW-15-10R and MW-106A-12 were included in the combined background data set again in Oct. 2019.

  • Based on review of TSS data, removal of the Apr. 2019 cobalt concentration at MW-22A-03; Oct. 2021 arsenic concentration at MW-15-10R; Apr. 2022 arsenic concentration at MW-15-10R; Apr. 2022 barium, cadmium, cobalt, nickel, selenium, silver, and thallium concentrations at MW-16-03; May 2023 cobalt concentration in MW-106A-12; Nov. 2023 arsenic concentration in MW-15-10R; Apr. 2024 arsenic and cobalt results at MW-106A-12; and Sep. 2024 arsenic and cobalt results at MW-106A-12.

  • Due to elevated practical quantitation limits (PQLs) (i.e., PQLs greater than two-times the second highest maximum order statistic of the background data): removal of the non-detect antimony results with PQLs greater than or equal to 0.005 mg/L; removal of the non-detect beryllium results with PQLs of 0.004, 0.005, and 0.01 mg/L; removal of the non-detect cadmium results with a PQL of 0.01 mg/L; removal of the non-detect chromium results with PQLs of 0.05 and 0.1 mg/L; and removal of non-detect silver results with PQLs of 0.0025, 0.05, 0.01, and 0.02 mg/L.

  • Removal of the Apr. 2022 non-detect antimony result at MW-16-03 since the elevated PQL of 0.008 mg/L was greater than two times the maximum detected anitmony concentration in background.

  • Removal of the Oct. 2019 detected metals (arsenic, barium, cadmium, cobalt, nickel, and vanadium) at MW-106A-12 due to the potential impact indicated by the single VOC detection for acetone at MW-106A-12 during this sampling event. Details were provided in the Fall 2019 statistical evaluation submitted in Appendix B of the *2019 Annual Water Quality Report* (Foth, 2020).

  • The Apr. 2022 phenol results at MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 were rejected due to low surrogate recovery.

  • The Oct. 2022 p-phenylenediamine (1,4-phenylenediamine) results at MW-9-92, MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 were rejected due to low matrix spike (MS) recovery and low laboratory control sample (LCS) recovery.

  • The May 2023 bis(2-ethylhexyl)phthalate and phenol results at MW-106A-12 were rejected due to low surrogate recovery.

  • The Apr./May 2024 1,4-phenylenediamine (or p-phenylenediamine) results at MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 were rejected due to low LCS/laboratory control sample duplicate (LCSD) recovery.

• Previously approved downgradient data set adjustments were maintained and are listed as crossed out concentrations in Table 14:

  • Removal of the historical data prior to when statistical compliance with the GWPS was first achieved for analyte/well pairs exiting corrective action and returning to assessment constituents. The following analyte/well pairs exited corrective action and returned to assessment constituetns: arsenic at MW-4B-89 and tetrachloroethene at MW-1-89 and MW-101A-12. Compliance with the GWPS was first achieved in Fall 2016 for arsenic at MW-4B-89, Fall 2017 for tetrachloroethene at MW-1-89, and Spring 2020 for tetrachloroethene at MW-101A-12. The historical data prior to these initial compliance dates were recommended for removal and are listed as crossed out concentrations in Table 14.

  • The Apr. 2022 methapyrilene and p-phenylenediamine results at MW-9-92 were rejected due to low LCS recovery.

  • The May 2023 1,1-dichloroethene, carbon disulfide, and iodomethane results at GUA-1 and MW-103A-12 were rejected due to low MS/matrix spike duplicate (MSD) recovery.

  • The May 2023 1,4-phenylenediamine (or p-phenylenediamine) results at MW-5-89 and MW-103A-12 were rejected due to low LCS/LCSD recovery.

  • The Nov. 2023 1,4-phenylenediamine (or p-phenylenediamine); 1-naphthylamine; 2-naphthylamine; 3,3'-dimethylbenzidine; 3-nitroaniline; 4-aminobiphenyl; 4-chloroaniline; methapyrilene; and o-toluidine in MW-5-89, MW-102A-12, MW-103A-12, and MW-104A-12 were rejected due to low LCS/LCSD recovery.

  • The Feb. 2024 1,4-phenylenediamine (or p-phenylenediamine) results at MW-5-89 and MW-103A-12 were rejected due to low LCS/LCSD recovery.

  • The Apr./May 2024 1,4-phenylenediamine (or p-phenylenediamine) results at MW-2A-89 and MW-101A-12 were rejected due to low LCS/LCSD recovery.

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,1,1,2-Tetrachloroethane	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1,2-Tetrachloroethane	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1,2-Tetrachloroethane	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1,2-Tetrachloroethane	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1,2-Tetrachloroethane	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1,2-Tetrachloroethane	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1,1,2-Tetrachloroethane	2009-07	ug/L							< 1.00			< 1.00			
1,1,1,2-Tetrachloroethane	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 2.00	< 1.00	< 1.00	< 2.00	< 1.00	
1,1,1,2-Tetrachloroethane	2009-12	ug/L							< 5.00			< 5.00			
1,1,1,2-Tetrachloroethane	2010-02	ug/L										< 2.00			
1,1,1,2-Tetrachloroethane	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
1,1,1,2-Tetrachloroethane	2010-06	ug/L										< 5.00			< 1.00
1,1,1,2-Tetrachloroethane	2010-08	ug/L													< 1.00
1,1,1,2-Tetrachloroethane	2010-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
1,1,1,2-Tetrachloroethane	2010-12	ug/L													< 1.00
1,1,1,2-Tetrachloroethane	2011-02	ug/L													< 1.00
1,1,1,2-Tetrachloroethane	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2011-06	ug/L											< 1.00		< 1.00
1,1,1,2-Tetrachloroethane	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2011-12	ug/L	< 1.00												< 1.00
1,1,1,2-Tetrachloroethane	2012-02	ug/L	< 1.00												
1,1,1,2-Tetrachloroethane	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2012-06	ug/L	< 1.00												
1,1,1,2-Tetrachloroethane	2012-08	ug/L	< 1.00												
1,1,1,2-Tetrachloroethane	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2013-01	ug/L													
1,1,1,2-Tetrachloroethane	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2013-06	ug/L													
1,1,1,2-Tetrachloroethane	2013-08	ug/L													
1,1,1,2-Tetrachloroethane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2013-12	ug/L													
1,1,1,2-Tetrachloroethane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2016-01	ug/L													
1,1,1,2-Tetrachloroethane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2016-07	ug/L		< 1											
1,1,1,2-Tetrachloroethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2016-12	ug/L		< 1											
1,1,1,2-Tetrachloroethane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2017-11	ug/L													
1,1,1,2-Tetrachloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2018-06	ug/L													
1,1,1,2-Tetrachloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2018-11	ug/L													
1,1,1,2-Tetrachloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,1,1,2-Tetrachloroethane	2019-05	ug/L		< 1											
1,1,1,2-Tetrachloroethane	2019-07	ug/L													
1,1,1,2-Tetrachloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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1,1,1,2-Tetrachloroethane	2007-10	ug/L													
1,1,1,2-Tetrachloroethane	2008-01	ug/L													
1,1,1,2-Tetrachloroethane	2008-04	ug/L													
1,1,1,2-Tetrachloroethane	2008-07	ug/L													
1,1,1,2-Tetrachloroethane	2008-10	ug/L													
1,1,1,2-Tetrachloroethane	2009-04	ug/L													
1,1,1,2-Tetrachloroethane	2009-07	ug/L													
1,1,1,2-Tetrachloroethane	2009-10	ug/L													
1,1,1,2-Tetrachloroethane	2009-12	ug/L													
1,1,1,2-Tetrachloroethane	2010-02	ug/L													
1,1,1,2-Tetrachloroethane	2010-04	ug/L													
1,1,1,2-Tetrachloroethane	2010-06	ug/L													
1,1,1,2-Tetrachloroethane	2010-08	ug/L													
1,1,1,2-Tetrachloroethane	2010-10	ug/L													
1,1,1,2-Tetrachloroethane	2010-12	ug/L													
1,1,1,2-Tetrachloroethane	2011-02	ug/L													
1,1,1,2-Tetrachloroethane	2011-04	ug/L													
1,1,1,2-Tetrachloroethane	2011-06	ug/L													
1,1,1,2-Tetrachloroethane	2011-10	ug/L													
1,1,1,2-Tetrachloroethane	2011-12	ug/L													
1,1,1,2-Tetrachloroethane	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2012-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2013-01	ug/L		< 1.00	< 1.00										
1,1,1,2-Tetrachloroethane	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2013-06	ug/L		< 1.00	< 1.00										
1,1,1,2-Tetrachloroethane	2013-08	ug/L		< 1.00	< 1.00										
1,1,1,2-Tetrachloroethane	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2013-12	ug/L		< 1.00	< 1.00										
1,1,1,2-Tetrachloroethane	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1,2-Tetrachloroethane	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
1,1,1,2-Tetrachloroethane	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2016-01	ug/L									< 1	< 1		< 1	< 1
1,1,1,2-Tetrachloroethane	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2016-07	ug/L												< 1	< 1
1,1,1,2-Tetrachloroethane	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2016-12	ug/L													
1,1,1,2-Tetrachloroethane	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2017-11	ug/L						< 1							
1,1,1,2-Tetrachloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2018-06	ug/L						< 1			< 1				
1,1,1,2-Tetrachloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2018-11	ug/L							< 1						
1,1,1,2-Tetrachloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,1,1,2-Tetrachloroethane	2019-05	ug/L													
1,1,1,2-Tetrachloroethane	2019-07	ug/L										< 1			
1,1,1,2-Tetrachloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,1,1,2-Tetrachloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,1,1,2-Tetrachloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,1,1,2-Tetrachloroethane	2023-08	ug/L								< 1					
1,1,1,2-Tetrachloroethane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2024-02	ug/L								< 1					
1,1,1,2-Tetrachloroethane	2024-04	ug/L		< 1									< 1		< 1
1,1,1,2-Tetrachloroethane	2024-05	ug/L				< 1						< 1			
1,1,1,2-Tetrachloroethane	2024-09	ug/L													
1,1,1,2-Tetrachloroethane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,1,1,2-Tetrachloroethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1-Trichloroethane	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1-Trichloroethane	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1-Trichloroethane	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1-Trichloroethane	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1-Trichloroethane	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1,1-Trichloroethane	2009-07	ug/L							< 1.00			< 1.00			
1,1,1-Trichloroethane	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1,1-Trichloroethane	2009-12	ug/L							< 10.0			< 10.0			
1,1,1-Trichloroethane	2010-02	ug/L										< 1.00			
1,1,1-Trichloroethane	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
1,1,1-Trichloroethane	2010-06	ug/L										< 1.00			< 1.00
1,1,1-Trichloroethane	2010-08	ug/L													< 1.00
1,1,1-Trichloroethane	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2010-12	ug/L													< 1.00
1,1,1-Trichloroethane	2011-02	ug/L													< 1.00
1,1,1-Trichloroethane	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2011-06	ug/L											< 1.00		< 1.00
1,1,1-Trichloroethane	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2011-12	ug/L	< 1.00												< 1.00
1,1,1-Trichloroethane	2012-02	ug/L	< 1.00												
1,1,1-Trichloroethane	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2012-06	ug/L	< 1.00												
1,1,1-Trichloroethane	2012-08	ug/L	< 1.00												
1,1,1-Trichloroethane	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2013-01	ug/L													
1,1,1-Trichloroethane	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2013-06	ug/L													
1,1,1-Trichloroethane	2013-08	ug/L													
1,1,1-Trichloroethane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2013-12	ug/L													
1,1,1-Trichloroethane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2016-01	ug/L													
1,1,1-Trichloroethane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2016-07	ug/L		< 1											
1,1,1-Trichloroethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Table 14
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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,1,1,2-Tetrachloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,1,2-Tetrachloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
1,1,1,2-Tetrachloroethane	2023-08	ug/L								< 1					
1,1,1,2-Tetrachloroethane	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2024-02	ug/L								< 1					
1,1,1,2-Tetrachloroethane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,1,2-Tetrachloroethane	2024-05	ug/L													
1,1,1,2-Tetrachloroethane	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,1,1,2-Tetrachloroethane	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
1,1,1,2-Tetrachloroethane	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,1,2-Tetrachloroethane	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2007-10	ug/L													
1,1,1-Trichloroethane	2008-01	ug/L													
1,1,1-Trichloroethane	2008-04	ug/L													
1,1,1-Trichloroethane	2008-07	ug/L													
1,1,1-Trichloroethane	2008-10	ug/L													
1,1,1-Trichloroethane	2009-04	ug/L													
1,1,1-Trichloroethane	2009-07	ug/L													
1,1,1-Trichloroethane	2009-10	ug/L													
1,1,1-Trichloroethane	2009-12	ug/L													
1,1,1-Trichloroethane	2010-02	ug/L													
1,1,1-Trichloroethane	2010-04	ug/L													
1,1,1-Trichloroethane	2010-06	ug/L													
1,1,1-Trichloroethane	2010-08	ug/L													
1,1,1-Trichloroethane	2010-10	ug/L													
1,1,1-Trichloroethane	2010-12	ug/L													
1,1,1-Trichloroethane	2011-02	ug/L													
1,1,1-Trichloroethane	2011-04	ug/L													
1,1,1-Trichloroethane	2011-06	ug/L													
1,1,1-Trichloroethane	2011-10	ug/L													
1,1,1-Trichloroethane	2011-12	ug/L													
1,1,1-Trichloroethane	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2012-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2013-01	ug/L		< 1.00	< 1.00										
1,1,1-Trichloroethane	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2013-06	ug/L		< 1.00	< 1.00										
1,1,1-Trichloroethane	2013-08	ug/L		< 1.00	< 1.00										
1,1,1-Trichloroethane	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2013-12	ug/L		< 1.00	< 1.00										
1,1,1-Trichloroethane	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,1-Trichloroethane	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
1,1,1-Trichloroethane	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2016-01	ug/L									< 1	< 1		< 1	< 1
1,1,1-Trichloroethane	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2016-07	ug/L												< 1	< 1
1,1,1-Trichloroethane	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Table 14
Analytical Data Summary
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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,1,1-Trichloroethane	2016-12	ug/L		< 1											
1,1,1-Trichloroethane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2017-11	ug/L													
1,1,1-Trichloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2018-06	ug/L													
1,1,1-Trichloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2018-11	ug/L													
1,1,1-Trichloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,1,1-Trichloroethane	2019-05	ug/L		< 1											
1,1,1-Trichloroethane	2019-07	ug/L													
1,1,1-Trichloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,1,1-Trichloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,1,1-Trichloroethane	2023-08	ug/L								< 1					
1,1,1-Trichloroethane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2024-02	ug/L								< 1					
1,1,1-Trichloroethane	2024-04	ug/L		< 1									< 1		< 1
1,1,1-Trichloroethane	2024-05	ug/L				< 1						< 1			
1,1,1-Trichloroethane	2024-09	ug/L													
1,1,1-Trichloroethane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,1,1-Trichloroethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2,2-Tetrachloroethane	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2,2-Tetrachloroethane	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2,2-Tetrachloroethane	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2,2-Tetrachloroethane	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2,2-Tetrachloroethane	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1,2,2-Tetrachloroethane	2009-07	ug/L							< 1.00			< 1.00			
1,1,2,2-Tetrachloroethane	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1,2,2-Tetrachloroethane	2009-12	ug/L							< 1.00			< 1.00			
1,1,2,2-Tetrachloroethane	2010-02	ug/L										< 2.00			
1,1,2,2-Tetrachloroethane	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
1,1,2,2-Tetrachloroethane	2010-06	ug/L										< 1.00			< 1.00
1,1,2,2-Tetrachloroethane	2010-08	ug/L													< 1.00
1,1,2,2-Tetrachloroethane	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	2010-12	ug/L													< 1.00
1,1,2,2-Tetrachloroethane	2011-02	ug/L													< 1.00
1,1,2,2-Tetrachloroethane	2011-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
1,1,2,2-Tetrachloroethane	2011-06	ug/L											< 1.00		< 1.00
1,1,2,2-Tetrachloroethane	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.330 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	2011-12	ug/L	< 1.00												< 1.00
1,1,2,2-Tetrachloroethane	2012-02	ug/L	< 1.00												
1,1,2,2-Tetrachloroethane	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	2012-06	ug/L	< 1.00												
1,1,2,2-Tetrachloroethane	2012-08	ug/L	< 1.00												
1,1,2,2-Tetrachloroethane	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,1,1-Trichloroethane	2016-12	ug/L													
1,1,1-Trichloroethane	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2017-11	ug/L						< 1							
1,1,1-Trichloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2018-06	ug/L						< 1			< 1				
1,1,1-Trichloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2018-11	ug/L							< 1						
1,1,1-Trichloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,1,1-Trichloroethane	2019-05	ug/L													
1,1,1-Trichloroethane	2019-07	ug/L										< 1			
1,1,1-Trichloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,1-Trichloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
1,1,1-Trichloroethane	2023-08	ug/L								< 1					
1,1,1-Trichloroethane	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2024-02	ug/L								< 1					
1,1,1-Trichloroethane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,1-Trichloroethane	2024-05	ug/L													
1,1,1-Trichloroethane	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,1,1-Trichloroethane	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
1,1,1-Trichloroethane	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,1-Trichloroethane	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2007-10	ug/L													
1,1,2,2-Tetrachloroethane	2008-01	ug/L													
1,1,2,2-Tetrachloroethane	2008-04	ug/L													
1,1,2,2-Tetrachloroethane	2008-07	ug/L													
1,1,2,2-Tetrachloroethane	2008-10	ug/L													
1,1,2,2-Tetrachloroethane	2009-04	ug/L													
1,1,2,2-Tetrachloroethane	2009-07	ug/L													
1,1,2,2-Tetrachloroethane	2009-10	ug/L													
1,1,2,2-Tetrachloroethane	2009-12	ug/L													
1,1,2,2-Tetrachloroethane	2010-02	ug/L													
1,1,2,2-Tetrachloroethane	2010-04	ug/L													
1,1,2,2-Tetrachloroethane	2010-06	ug/L													
1,1,2,2-Tetrachloroethane	2010-08	ug/L													
1,1,2,2-Tetrachloroethane	2010-10	ug/L													
1,1,2,2-Tetrachloroethane	2010-12	ug/L													
1,1,2,2-Tetrachloroethane	2011-02	ug/L													
1,1,2,2-Tetrachloroethane	2011-04	ug/L													
1,1,2,2-Tetrachloroethane	2011-06	ug/L													
1,1,2,2-Tetrachloroethane	2011-10	ug/L													
1,1,2,2-Tetrachloroethane	2011-12	ug/L													
1,1,2,2-Tetrachloroethane	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2,2-Tetrachloroethane	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2,2-Tetrachloroethane	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2,2-Tetrachloroethane	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2,2-Tetrachloroethane	2012-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		

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Table 14
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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,1,2,2-Tetrachloroethane	2013-01	ug/L													
1,1,2,2-Tetrachloroethane	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	2013-06	ug/L													
1,1,2,2-Tetrachloroethane	2013-08	ug/L													
1,1,2,2-Tetrachloroethane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	2013-12	ug/L													
1,1,2,2-Tetrachloroethane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2016-01	ug/L													
1,1,2,2-Tetrachloroethane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2016-07	ug/L		< 1											
1,1,2,2-Tetrachloroethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2016-12	ug/L		< 1											
1,1,2,2-Tetrachloroethane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2017-11	ug/L													
1,1,2,2-Tetrachloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2018-06	ug/L													
1,1,2,2-Tetrachloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2018-11	ug/L													
1,1,2,2-Tetrachloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,1,2,2-Tetrachloroethane	2019-05	ug/L		< 1											
1,1,2,2-Tetrachloroethane	2019-07	ug/L													
1,1,2,2-Tetrachloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,1,2,2-Tetrachloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,1,2,2-Tetrachloroethane	2023-08	ug/L								< 1					
1,1,2,2-Tetrachloroethane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2024-02	ug/L								< 1					
1,1,2,2-Tetrachloroethane	2024-04	ug/L		< 1									< 1		< 1
1,1,2,2-Tetrachloroethane	2024-05	ug/L				< 1						< 1			
1,1,2,2-Tetrachloroethane	2024-09	ug/L													
1,1,2,2-Tetrachloroethane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,1,2,2-Tetrachloroethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-Trichloroethane	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-Trichloroethane	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-Trichloroethane	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-Trichloroethane	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-Trichloroethane	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1,2-Trichloroethane	2009-07	ug/L							< 1.00			< 1.00			
1,1,2-Trichloroethane	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1,2-Trichloroethane	2009-12	ug/L							< 1.00			< 1.00			
1,1,2-Trichloroethane	2010-02	ug/L										< 1.00			
1,1,2-Trichloroethane	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,1,2,2-Tetrachloroethane	2013-01	ug/L		< 1.00	< 1.00										
1,1,2,2-Tetrachloroethane	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2,2-Tetrachloroethane	2013-06	ug/L		< 1.00	< 1.00										
1,1,2,2-Tetrachloroethane	2013-08	ug/L		< 1.00	< 1.00										
1,1,2,2-Tetrachloroethane	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2,2-Tetrachloroethane	2013-12	ug/L		< 1.00	< 1.00										
1,1,2,2-Tetrachloroethane	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2,2-Tetrachloroethane	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2,2-Tetrachloroethane	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
1,1,2,2-Tetrachloroethane	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2016-01	ug/L									< 1	< 1		< 1	< 1
1,1,2,2-Tetrachloroethane	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2016-07	ug/L												< 1	< 1
1,1,2,2-Tetrachloroethane	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2016-12	ug/L													
1,1,2,2-Tetrachloroethane	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2017-11	ug/L						< 1							
1,1,2,2-Tetrachloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2018-06	ug/L						< 1			< 1				
1,1,2,2-Tetrachloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2018-11	ug/L							< 1						
1,1,2,2-Tetrachloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,1,2,2-Tetrachloroethane	2019-05	ug/L													
1,1,2,2-Tetrachloroethane	2019-07	ug/L										< 1			
1,1,2,2-Tetrachloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,2,2-Tetrachloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
1,1,2,2-Tetrachloroethane	2023-08	ug/L								< 1					
1,1,2,2-Tetrachloroethane	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2024-02	ug/L								< 1					
1,1,2,2-Tetrachloroethane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,2,2-Tetrachloroethane	2024-05	ug/L													
1,1,2,2-Tetrachloroethane	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,1,2,2-Tetrachloroethane	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
1,1,2,2-Tetrachloroethane	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,2,2-Tetrachloroethane	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2007-10	ug/L													
1,1,2-Trichloroethane	2008-01	ug/L													
1,1,2-Trichloroethane	2008-04	ug/L													
1,1,2-Trichloroethane	2008-07	ug/L													
1,1,2-Trichloroethane	2008-10	ug/L													
1,1,2-Trichloroethane	2009-04	ug/L													
1,1,2-Trichloroethane	2009-07	ug/L													
1,1,2-Trichloroethane	2009-10	ug/L													
1,1,2-Trichloroethane	2009-12	ug/L													
1,1,2-Trichloroethane	2010-02	ug/L													
1,1,2-Trichloroethane	2010-04	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,1,2-Trichloroethane	2010-06	ug/L										< 1.00			< 1.00
1,1,2-Trichloroethane	2010-08	ug/L													< 1.00
1,1,2-Trichloroethane	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	2010-12	ug/L													< 1.00
1,1,2-Trichloroethane	2011-02	ug/L													< 1.00
1,1,2-Trichloroethane	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	2011-06	ug/L											< 1.00		< 1.00
1,1,2-Trichloroethane	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	2011-12	ug/L	< 1.00												< 1.00
1,1,2-Trichloroethane	2012-02	ug/L	< 1.00												
1,1,2-Trichloroethane	2012-04	ug/L	< 1.00		**0.120 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	2012-06	ug/L	< 1.00												
1,1,2-Trichloroethane	2012-08	ug/L	< 1.00												
1,1,2-Trichloroethane	2012-10	ug/L	< 1.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 1.00
1,1,2-Trichloroethane	2013-01	ug/L													
1,1,2-Trichloroethane	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	2013-06	ug/L													
1,1,2-Trichloroethane	2013-08	ug/L													
1,1,2-Trichloroethane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	2013-12	ug/L													
1,1,2-Trichloroethane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2016-01	ug/L													
1,1,2-Trichloroethane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2016-07	ug/L		< 1											
1,1,2-Trichloroethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2016-12	ug/L		< 1											
1,1,2-Trichloroethane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2017-11	ug/L													
1,1,2-Trichloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	**0.155 J**	< 1	< 1	< 1	< 1	**0.364 J**	< 1	< 1
1,1,2-Trichloroethane	2018-06	ug/L													
1,1,2-Trichloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2018-11	ug/L													
1,1,2-Trichloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,1,2-Trichloroethane	2019-05	ug/L		< 1											
1,1,2-Trichloroethane	2019-07	ug/L													
1,1,2-Trichloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,1,2-Trichloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,1,2-Trichloroethane	2023-08	ug/L								< 1					
1,1,2-Trichloroethane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2024-02	ug/L								< 1					
1,1,2-Trichloroethane	2024-04	ug/L		< 1									< 1		< 1
1,1,2-Trichloroethane	2024-05	ug/L				< 1						< 1			
1,1,2-Trichloroethane	2024-09	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,1,2-Trichloroethane	2010-06	ug/L													
1,1,2-Trichloroethane	2010-08	ug/L													
1,1,2-Trichloroethane	2010-10	ug/L													
1,1,2-Trichloroethane	2010-12	ug/L													
1,1,2-Trichloroethane	2011-02	ug/L													
1,1,2-Trichloroethane	2011-04	ug/L													
1,1,2-Trichloroethane	2011-06	ug/L													
1,1,2-Trichloroethane	2011-10	ug/L													
1,1,2-Trichloroethane	2011-12	ug/L													
1,1,2-Trichloroethane	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2012-08	ug/L					**0.190 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2012-10	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2013-01	ug/L		< 1.00	< 1.00										
1,1,2-Trichloroethane	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2013-06	ug/L		< 1.00	< 1.00										
1,1,2-Trichloroethane	2013-08	ug/L		< 1.00	< 1.00										
1,1,2-Trichloroethane	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2013-12	ug/L		< 1.00	< 1.00										
1,1,2-Trichloroethane	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1,2-Trichloroethane	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
1,1,2-Trichloroethane	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2016-01	ug/L									< 1	< 1		< 1	< 1
1,1,2-Trichloroethane	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2016-07	ug/L												< 1	< 1
1,1,2-Trichloroethane	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2016-12	ug/L													
1,1,2-Trichloroethane	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2017-11	ug/L						< 1							
1,1,2-Trichloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2018-06	ug/L						< 1			< 1				
1,1,2-Trichloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2018-11	ug/L							< 1						
1,1,2-Trichloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,1,2-Trichloroethane	2019-05	ug/L													
1,1,2-Trichloroethane	2019-07	ug/L										< 1			
1,1,2-Trichloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,2-Trichloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
1,1,2-Trichloroethane	2023-08	ug/L								< 1					
1,1,2-Trichloroethane	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2024-02	ug/L								< 1					
1,1,2-Trichloroethane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,2-Trichloroethane	2024-05	ug/L													
1,1,2-Trichloroethane	2024-09	ug/L		< 1	< 1	< 1							< 1		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,1,2-Trichloroethane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,1,2-Trichloroethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2007-10	ug/L			**3**	**12.8**	**1.19**	< 5	**1.02**	< 1	< 1	< 1	< 1	< 1	
1,1-Dichloroethane	2008-01	ug/L			**3.26**	**13.2**	**1.2**	**2.59**	**1.46**	< 1	**2.71**	< 1	< 1	< 1	
1,1-Dichloroethane	2008-04	ug/L			**4.66**	**6.58**	< 1	< 1	**1.04**	< 1	**3.58**	< 1	< 1	< 1	
1,1-Dichloroethane	2008-07	ug/L			**1.92**	**8.61**	**1.54**	**2.9**	**1.21**	< 1	< 1	< 1	< 1	< 1	
1,1-Dichloroethane	2008-10	ug/L			**2.81**	**9.26**	< 1	**2.24**	**1.22**	< 1	**1.8**	< 1	< 1	< 1	
1,1-Dichloroethane	2009-04	ug/L			**3.47**	**7.20**	**1.30**	**0.520 J**	**1.54**	< 1.00	**1.60**	< 1.00	< 1.00	< 1.00	
1,1-Dichloroethane	2009-07	ug/L							**1.00**			< 1.00			
1,1-Dichloroethane	2009-10	ug/L			**1.96**	**2.31**	< 1.00	< 1.00	**1.36**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1-Dichloroethane	2009-12	ug/L							**1.27**			< 1.00			
1,1-Dichloroethane	2010-02	ug/L										< 1.00			
1,1-Dichloroethane	2010-04	ug/L			**1.63**	**1.48**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,1-Dichloroethane	2010-06	ug/L										< 1.00			< 1.00
1,1-Dichloroethane	2010-08	ug/L													< 1.00
1,1-Dichloroethane	2010-10	ug/L			**2.78**	**2.76**	< 1.00	< 1.00	**1.39**	< 1.00	**1.63**	< 1.00	**1.02**	< 1.00	< 1.00
1,1-Dichloroethane	2010-12	ug/L													< 1.00
1,1-Dichloroethane	2011-02	ug/L													< 1.00
1,1-Dichloroethane	2011-04	ug/L			**1.70**	< 1.00	< 1.00	< 1.00	**1.04**	< 1.00	< 1.00	< 1.00	**1.99**	< 1.00	< 1.00
1,1-Dichloroethane	2011-06	ug/L											**1.92**		< 1.00
1,1-Dichloroethane	2011-10	ug/L			**1.07**	**1.61**	**0.740 J**	**0.610 J**	**1.25**	< 1.00	**0.740 J**	< 1.00	**9.66**	< 1.00	< 1.00
1,1-Dichloroethane	2011-12	ug/L	**0.720 J**												< 1.00
1,1-Dichloroethane	2012-02	ug/L	**0.580 J**												
1,1-Dichloroethane	2012-04	ug/L	**0.340 J**		**1.85**	**0.530 J**	**0.350 J**	< 1.00	**1.17**	< 1.00	**1.39**	< 1.00	**8.17**	< 1.00	< 1.00
1,1-Dichloroethane	2012-06	ug/L	**0.510 J**												
1,1-Dichloroethane	2012-08	ug/L	**1.06**												
1,1-Dichloroethane	2012-10	ug/L	**1.12**		**0.790 J**	**1.72**	**0.700 J**	**0.760 J**	**1.43**	< 1.00	**1.55**	< 1.00	**8.87**	< 1.00	< 1.00
1,1-Dichloroethane	2013-01	ug/L													
1,1-Dichloroethane	2013-04	ug/L	< 1.00		**3.39**	**0.409 J**	< 1.00	< 1.00	**1.37**	< 1.00	**3.08**	< 1.00	**7.48**	< 1.00	< 1.00
1,1-Dichloroethane	2013-06	ug/L													
1,1-Dichloroethane	2013-08	ug/L													
1,1-Dichloroethane	2013-10	ug/L	**1.93**		< 1.00	**0.415 J**	< 1.00	< 1.00	**1.70**	< 1.00	< 1.00	< 1.00	**13.8**	< 1.00	< 1.00
1,1-Dichloroethane	2013-12	ug/L													
1,1-Dichloroethane	2014-03	ug/L	< 1.00		**0.817 J**	< 1.00	< 1.00	< 1.00	**1.38**	< 1.00	< 1.00	< 1.00	**4.64**	< 1.00	< 1.00
1,1-Dichloroethane	2014-09	ug/L	**2.67**		< 1.00	< 1.00	< 1.00	< 1.00	**1.46**	< 1.00	< 1.00	< 1.00	**9.34**	< 1.00	< 1.00
1,1-Dichloroethane	2015-05	ug/L	**3.13**		< 1	< 1	< 1	< 1	**1.1**	< 1	< 1	< 1	**23.5**	< 1	< 1
1,1-Dichloroethane	2015-10	ug/L	**4.03**		< 1	< 1	< 1	< 1	**1.61**	< 1	< 1	< 1	**23.9**	< 1	< 1
1,1-Dichloroethane	2016-01	ug/L													
1,1-Dichloroethane	2016-04	ug/L	**4.65**	**0.784 J**	< 1	< 1	< 1	< 1	**1.63**	< 1	< 1	< 1	**31.6**	< 1	< 1
1,1-Dichloroethane	2016-07	ug/L		**0.763 J**											
1,1-Dichloroethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**8.3**	< 1	< 1
1,1-Dichloroethane	2016-12	ug/L		**0.587 J**											
1,1-Dichloroethane	2017-03	ug/L		**1.67**	**0.449 J**	< 1	< 1	< 1	**1.17**	< 1	< 1	< 1	**23.2**	< 1	**0.228 J**
1,1-Dichloroethane	2017-06	ug/L		**1.27**											
1,1-Dichloroethane	2017-08	ug/L	**2.9**	**0.905 J**	< 1	**0.695 J**	< 1	< 1	**1.36**	< 1	**0.477 J**	< 1	**15.2**	< 1	**0.281 J**
1,1-Dichloroethane	2017-11	ug/L													
1,1-Dichloroethane	2018-03	ug/L	**3.54**	**0.88 J**	**0.836 J**	**1.02**	**0.218 J**	< 1	**1.56**	< 1	**0.689 J**	< 1	**3.47**	< 1	**0.267 J**
1,1-Dichloroethane	2018-06	ug/L													
1,1-Dichloroethane	2018-09	ug/L	**3.07**	**2**	< 1	< 1	< 1	< 1	**1.32**	< 1	< 1	< 1	**9.38**	< 1	**0.346 J**
1,1-Dichloroethane	2018-11	ug/L		**1.77**											
1,1-Dichloroethane	2019-04	ug/L	**2.92**	**1.58**	**0.373 J**	**0.529 J**	< 1	< 1	**1.25**	< 1	< 1	< 1	**4.38**	< 1	~~< 1~~
1,1-Dichloroethane	2019-05	ug/L		< 1											

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1,1,2-Trichloroethane	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
1,1,2-Trichloroethane	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,1,2-Trichloroethane	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2007-10	ug/L													
1,1-Dichloroethane	2008-01	ug/L													
1,1-Dichloroethane	2008-04	ug/L													
1,1-Dichloroethane	2008-07	ug/L													
1,1-Dichloroethane	2008-10	ug/L													
1,1-Dichloroethane	2009-04	ug/L													
1,1-Dichloroethane	2009-07	ug/L													
1,1-Dichloroethane	2009-10	ug/L													
1,1-Dichloroethane	2009-12	ug/L													
1,1-Dichloroethane	2010-02	ug/L													
1,1-Dichloroethane	2010-04	ug/L													
1,1-Dichloroethane	2010-06	ug/L													
1,1-Dichloroethane	2010-08	ug/L													
1,1-Dichloroethane	2010-10	ug/L													
1,1-Dichloroethane	2010-12	ug/L													
1,1-Dichloroethane	2011-02	ug/L													
1,1-Dichloroethane	2011-04	ug/L													
1,1-Dichloroethane	2011-06	ug/L													
1,1-Dichloroethane	2011-10	ug/L													
1,1-Dichloroethane	2011-12	ug/L													
1,1-Dichloroethane	2012-02	ug/L					**17.4**		**0.210 J**	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2012-04	ug/L					**20.3**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2012-06	ug/L					**18.5**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2012-08	ug/L					**12.5**		**0.260 J**	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2012-10	ug/L		< 1.00	< 1.00		**13.2**		**0.230 J**	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2013-01	ug/L		< 1.00	< 1.00										
1,1-Dichloroethane	2013-04	ug/L		< 1.00	< 1.00		**20.2**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2013-06	ug/L		< 1.00	< 1.00										
1,1-Dichloroethane	2013-08	ug/L		< 1.00	< 1.00										
1,1-Dichloroethane	2013-10	ug/L		< 1.00	< 1.00		**18.8**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2013-12	ug/L		< 1.00	< 1.00										
1,1-Dichloroethane	2014-03	ug/L		< 1.00	< 1.00		**18.8**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2014-09	ug/L		< 1.00	< 1.00		**18.2**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,1-Dichloroethane	2015-05	ug/L		< 1	< 1		**19.5**		< 1	< 1	< 1	**2.1**	< 1		
1,1-Dichloroethane	2015-10	ug/L		< 1	< 1		**19.9**		< 1	< 1	< 1	**1.24**	< 1	**0.301 J**	< 1
1,1-Dichloroethane	2016-01	ug/L									< 1	< 1		**0.422 J**	< 1
1,1-Dichloroethane	2016-04	ug/L		< 1	< 1		**20.3**		< 1	< 1	< 1	< 1	< 1	**0.715 J**	< 1
1,1-Dichloroethane	2016-07	ug/L												**0.35 J**	< 1
1,1-Dichloroethane	2016-09	ug/L	< 1	< 1	< 1	< 1	**19.4**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2016-12	ug/L													
1,1-Dichloroethane	2017-03	ug/L	< 1	< 1	< 1	< 1	**21.5**		< 1	< 1	**0.392 J**	< 1	< 1	**0.676 J**	< 1
1,1-Dichloroethane	2017-06	ug/L													
1,1-Dichloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	**17.1**	**1.77**	< 1	< 1	**1.09**	**0.412 J**	< 1	**0.394 J**	< 1
1,1-Dichloroethane	2017-11	ug/L						**2.56**			**1.06**				
1,1-Dichloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	**22.3**	**2.33**	< 1	< 1	**1.77**	< 1	< 1	**0.936 J**	< 1
1,1-Dichloroethane	2018-06	ug/L						**2.46**			**0.939 J**				
1,1-Dichloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	**16.2**	**2.82**	< 1	< 1	**0.515 J**	< 1	< 1	**1.43**	< 1
1,1-Dichloroethane	2018-11	ug/L							< 1						
1,1-Dichloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	**18.3**	**2.49**	< 1	< 1	**0.798 J**	< 1	~~< 1~~	**0.864 J**	< 1
1,1-Dichloroethane	2019-05	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,1-Dichloroethane	2019-07	ug/L													
1,1-Dichloroethane	2019-10	ug/L	**2.13**	< 1	< 1	**0.708 J**	< 1	< 1	**1.3**	< 1	< 1	< 1	**7.39**	< 1	< 1
1,1-Dichloroethane	2020-04	ug/L		**0.756 J**	< 1	**0.489 J**	< 1	< 1	**0.888 J**	< 1	< 1	< 1	**3.25**	< 1	< 1
1,1-Dichloroethane	2020-10	ug/L	**2.32**	**0.812 J**	< 1	**0.941 J**	< 1	< 1	**0.885 J**	< 1	< 1	< 1	**7.67**	< 1	< 1
1,1-Dichloroethane	2021-05	ug/L	**1.83**	**0.526 J**	< 1	**0.754 J**	< 1	< 1	**0.785 J**	< 1	< 1	< 1	**9.21**	< 1	< 1
1,1-Dichloroethane	2021-10	ug/L		**0.745 J**	< 1	**0.307 J**	< 1	< 1	**0.589 J**	< 1	< 1	< 1	**8.03**	< 1	< 1
1,1-Dichloroethane	2022-04	ug/L		**0.428 J**		< 1						< 1	**3.76**		**0.229 J**
1,1-Dichloroethane	2022-10	ug/L	**2.55**	**1.06**	< 1	< 1	< 1	< 1	**0.447 J**	< 1	< 1	< 1	**9.59**	< 1	**0.337 J**
1,1-Dichloroethane	2023-02	ug/L		**0.733 J**											
1,1-Dichloroethane	2023-05	ug/L	**1.92**	**0.549 J**		< 1				< 1		< 1	**15.1**		< 1
1,1-Dichloroethane	2023-08	ug/L								< 1					
1,1-Dichloroethane	2023-11	ug/L		**0.932 J**	< 1	< 1	< 1	< 1	**0.403 J**	< 1	**0.264 J**	< 1	**11.4**	< 1	< 1
1,1-Dichloroethane	2024-02	ug/L								< 1					
1,1-Dichloroethane	2024-04	ug/L		**0.581 J**									**11.3**		< 1
1,1-Dichloroethane	2024-05	ug/L				< 1						< 1			
1,1-Dichloroethane	2024-09	ug/L													
1,1-Dichloroethane	2024-10	ug/L	**1.76**	**0.479 J**	< 1	< 1	< 1	< 1	**0.635 J**	< 1	< 1	< 1	**7.98**	< 1	< 1
1,1-Dichloroethane	2025-02	ug/L													
1,1-Dichloroethane	2025-04	ug/L	**1.42**	**0.549 J**		< 1						< 1	**6.59**		**0.287 J**
1,1-Dichloroethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	**0.8 J**	< 1	< 1	< 1	**4.32**	< 1	< 1
1,1-Dichloroethene	2007-10	ug/L			< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	
1,1-Dichloroethene	2008-01	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
1,1-Dichloroethene	2008-04	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
1,1-Dichloroethene	2008-07	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
1,1-Dichloroethene	2008-10	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
1,1-Dichloroethene	2009-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
1,1-Dichloroethene	2009-07	ug/L							< 2.00			< 2.00			
1,1-Dichloroethene	2009-10	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
1,1-Dichloroethene	2009-12	ug/L							< 2.00			< 2.00			
1,1-Dichloroethene	2010-02	ug/L										< 2.00			
1,1-Dichloroethene	2010-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
1,1-Dichloroethene	2010-06	ug/L										< 2.00			< 2.00
1,1-Dichloroethene	2010-08	ug/L													< 2.00
1,1-Dichloroethene	2010-10	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
1,1-Dichloroethene	2010-12	ug/L													< 2.00
1,1-Dichloroethene	2011-02	ug/L													< 2.00
1,1-Dichloroethene	2011-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
1,1-Dichloroethene	2011-06	ug/L											< 2.00		< 2.00
1,1-Dichloroethene	2011-10	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
1,1-Dichloroethene	2011-12	ug/L	< 2.00												< 2.00
1,1-Dichloroethene	2012-02	ug/L	< 2.00												
1,1-Dichloroethene	2012-04	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
1,1-Dichloroethene	2012-06	ug/L	< 2.00												
1,1-Dichloroethene	2012-08	ug/L	< 2.00												
1,1-Dichloroethene	2012-10	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
1,1-Dichloroethene	2013-01	ug/L													
1,1-Dichloroethene	2013-04	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
1,1-Dichloroethene	2013-06	ug/L													
1,1-Dichloroethene	2013-08	ug/L													
1,1-Dichloroethene	2013-10	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
1,1-Dichloroethene	2013-12	ug/L													
1,1-Dichloroethene	2014-03	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
1,1-Dichloroethene	2014-09	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,1-Dichloroethane	2019-07	ug/L										< 1			
1,1-Dichloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	**15.5**	**3.06**	< 1	< 1	**0.964 J**	< 1	< 1	**0.288 J**	< 1
1,1-Dichloroethane	2020-04	ug/L	< 1	< 1	< 1	< 1	**15.5**	**2.86**	< 1	< 1	**0.776 J**	**0.899 J**	< 1	**0.657 J**	< 1
1,1-Dichloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	**12.2**	**3.71**	< 1	< 1	**0.685 J**	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	**10.4**	**0.988 J**	< 1	< 1	**0.772 J**	**0.314 J**	< 1	**0.393 J**	< 1
1,1-Dichloroethane	2021-10	ug/L	< 1	< 1	< 1	< 1	**8.3**	**0.783 J**	< 1	< 1	**1.19**	< 1	< 1	**0.772 J**	< 1
1,1-Dichloroethane	2022-04	ug/L	< 1	< 1	< 1	< 1	**8.82**					< 1	**0.282 J**		
1,1-Dichloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	**9.35**	**1.34**	< 1	< 1	**1.17**	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2023-02	ug/L													
1,1-Dichloroethane	2023-05	ug/L	< 1	< 1	< 1	< 1	**9.49**			< 1		**0.762 J**	< 1		
1,1-Dichloroethane	2023-08	ug/L								< 1					
1,1-Dichloroethane	2023-11	ug/L	< 1	< 1	< 1	< 1	**6.36**	**0.439 J**	< 1	< 1	**1.33**	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2024-02	ug/L								< 1					
1,1-Dichloroethane	2024-04	ug/L	< 1	< 1	< 1	< 1	**7.23**					< 1	< 1		
1,1-Dichloroethane	2024-05	ug/L													
1,1-Dichloroethane	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,1-Dichloroethane	2024-10	ug/L	< 1				**8.77**	**0.303 J**	< 1	< 1	**1.43**	**1.04**		< 1	< 1
1,1-Dichloroethane	2025-02	ug/L										< 1			
1,1-Dichloroethane	2025-04	ug/L	< 1	< 1	< 1	< 1	**8.19**					**0.238 J**	< 1		
1,1-Dichloroethane	2025-10	ug/L	< 1	< 1	< 1	< 1	**7.02**	< 1	< 1	< 1	**0.601 J**	< 1	< 1	< 1	< 1
1,1-Dichloroethene	2007-10	ug/L													
1,1-Dichloroethene	2008-01	ug/L													
1,1-Dichloroethene	2008-04	ug/L													
1,1-Dichloroethene	2008-07	ug/L													
1,1-Dichloroethene	2008-10	ug/L													
1,1-Dichloroethene	2009-04	ug/L													
1,1-Dichloroethene	2009-07	ug/L													
1,1-Dichloroethene	2009-10	ug/L													
1,1-Dichloroethene	2009-12	ug/L													
1,1-Dichloroethene	2010-02	ug/L													
1,1-Dichloroethene	2010-04	ug/L													
1,1-Dichloroethene	2010-06	ug/L													
1,1-Dichloroethene	2010-08	ug/L													
1,1-Dichloroethene	2010-10	ug/L													
1,1-Dichloroethene	2010-12	ug/L													
1,1-Dichloroethene	2011-02	ug/L													
1,1-Dichloroethene	2011-04	ug/L													
1,1-Dichloroethene	2011-06	ug/L													
1,1-Dichloroethene	2011-10	ug/L													
1,1-Dichloroethene	2011-12	ug/L													
1,1-Dichloroethene	2012-02	ug/L					**0.250 J**		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
1,1-Dichloroethene	2012-04	ug/L					**0.520 J**		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
1,1-Dichloroethene	2012-06	ug/L					**0.450 J**		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
1,1-Dichloroethene	2012-08	ug/L					**0.420 J**		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
1,1-Dichloroethene	2012-10	ug/L		< 2.00	< 2.00		**0.300 J**		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
1,1-Dichloroethene	2013-01	ug/L		< 2.00	< 2.00										
1,1-Dichloroethene	2013-04	ug/L		< 2.00	< 2.00		**0.343 J**		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
1,1-Dichloroethene	2013-06	ug/L		< 2.00	< 2.00										
1,1-Dichloroethene	2013-08	ug/L		< 2.00	< 2.00										
1,1-Dichloroethene	2013-10	ug/L		< 2.00	< 2.00		**0.543 J**		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
1,1-Dichloroethene	2013-12	ug/L		< 2.00	< 2.00										
1,1-Dichloroethene	2014-03	ug/L		< 2.00	< 2.00		**0.227 J**		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
1,1-Dichloroethene	2014-09	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		

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1,1-Dichloroethene	2015-05	ug/L	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2015-10	ug/L	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2016-01	ug/L													
1,1-Dichloroethene	2016-04	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2016-07	ug/L		< 2											
1,1-Dichloroethene	2016-09	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2016-12	ug/L		< 2											
1,1-Dichloroethene	2017-03	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2017-08	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2017-11	ug/L													
1,1-Dichloroethene	2018-03	ug/L	< 2	< 2	< 2	< 2	< 2	**0.274 J**	**0.198 J**	< 2	< 2	< 2	**0.42 J**	< 2	< 2
1,1-Dichloroethene	2018-06	ug/L													
1,1-Dichloroethene	2018-09	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2018-11	ug/L													
1,1-Dichloroethene	2019-04	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	~~< 2~~
1,1-Dichloroethene	2019-05	ug/L		< 2											
1,1-Dichloroethene	2019-07	ug/L													
1,1-Dichloroethene	2019-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2020-04	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2020-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2021-05	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2021-10	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2022-04	ug/L		< 2		< 2						< 2	< 2		< 2
1,1-Dichloroethene	2022-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2023-05	ug/L	~~< 2~~	< 2		< 2				< 2		< 2	< 2		< 2
1,1-Dichloroethene	2023-08	ug/L								< 2					
1,1-Dichloroethene	2023-11	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2024-02	ug/L								< 2					
1,1-Dichloroethene	2024-04	ug/L		< 2									< 2		< 2
1,1-Dichloroethene	2024-05	ug/L				< 2						< 2			
1,1-Dichloroethene	2024-09	ug/L													
1,1-Dichloroethene	2024-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2025-04	ug/L	< 2	< 2		< 2						< 2	< 2		< 2
1,1-Dichloroethene	2025-10	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00			< 1.00				
1,1-Dichloropropene	2009-07	ug/L							< 1.00						
1,1-Dichloropropene	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
1,1-Dichloropropene	2011-06	ug/L											< 1.00		
1,1-Dichloropropene	2012-04	ug/L											< 1.00		
1,1-Dichloropropene	2012-06	ug/L													
1,1-Dichloropropene	2013-10	ug/L													
1,1-Dichloropropene	2014-03	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
1,1-Dichloropropene	2015-10	ug/L													
1,1-Dichloropropene	2016-01	ug/L													
1,1-Dichloropropene	2016-04	ug/L													< 1
1,1-Dichloropropene	2017-03	ug/L											< 1		
1,1-Dichloropropene	2018-03	ug/L													
1,1-Dichloropropene	2018-06	ug/L													
1,1-Dichloropropene	2018-09	ug/L													
1,1-Dichloropropene	2018-11	ug/L													
1,1-Dichloropropene	2019-04	ug/L			< 1	< 1			< 1						
1,1-Dichloropropene	2019-07	ug/L													
1,1-Dichloropropene	2021-05	ug/L													< 1

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,1-Dichloroethene	2015-05	ug/L		< 2	< 2		< 2		< 2	< 2	< 2	< 2	< 2		
1,1-Dichloroethene	2015-10	ug/L		< 2	< 2		**0.279 J**		< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2016-01	ug/L									< 2	< 2		< 2	< 2
1,1-Dichloroethene	2016-04	ug/L		< 2	< 2		**0.625 J**		< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2016-07	ug/L												< 2	< 2
1,1-Dichloroethene	2016-09	ug/L	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2016-12	ug/L													
1,1-Dichloroethene	2017-03	ug/L	< 2	< 2	< 2	< 2	**0.429 J**		< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2017-08	ug/L	< 2	< 2	< 2	< 2	**0.428 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2017-11	ug/L						< 2							
1,1-Dichloroethene	2018-03	ug/L	< 2	< 2	< 2	< 2	**0.498 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2018-06	ug/L						< 2			< 2				
1,1-Dichloroethene	2018-09	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2018-11	ug/L							< 2						
1,1-Dichloroethene	2019-04	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	~~< 2~~	< 2	< 2
1,1-Dichloroethene	2019-05	ug/L													
1,1-Dichloroethene	2019-07	ug/L										< 2			
1,1-Dichloroethene	2019-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2020-04	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2020-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2021-05	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2021-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2022-04	ug/L	< 2	< 2	< 2	< 2	< 2					< 2	< 2		
1,1-Dichloroethene	2022-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2023-05	ug/L	< 2	< 2	< 2	< 2	< 2			~~< 2~~		< 2	< 2		
1,1-Dichloroethene	2023-08	ug/L								< 2					
1,1-Dichloroethene	2023-11	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2024-02	ug/L								< 2					
1,1-Dichloroethene	2024-04	ug/L	< 2	< 2	< 2	< 2	< 2					< 2	< 2		
1,1-Dichloroethene	2024-05	ug/L													
1,1-Dichloroethene	2024-09	ug/L		< 2	< 2	< 2							< 2		
1,1-Dichloroethene	2024-10	ug/L	< 2				< 2	< 2	< 2	< 2	< 2	< 2		< 2	< 2
1,1-Dichloroethene	2025-04	ug/L	< 2	< 2	< 2	< 2	< 2					< 2	< 2		
1,1-Dichloroethene	2025-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene	2009-04	ug/L													
1,1-Dichloropropene	2009-07	ug/L													
1,1-Dichloropropene	2010-04	ug/L													
1,1-Dichloropropene	2011-06	ug/L													
1,1-Dichloropropene	2012-04	ug/L													
1,1-Dichloropropene	2012-06	ug/L					< 1.00		< 1.00						
1,1-Dichloropropene	2013-10	ug/L					< 1.00		< 1.00						
1,1-Dichloropropene	2014-03	ug/L													
1,1-Dichloropropene	2015-10	ug/L									< 1				
1,1-Dichloropropene	2016-01	ug/L									< 1	< 1			
1,1-Dichloropropene	2016-04	ug/L		< 1	< 1						< 1	< 1	< 1		
1,1-Dichloropropene	2017-03	ug/L	< 1			< 1									
1,1-Dichloropropene	2018-03	ug/L									< 1				
1,1-Dichloropropene	2018-06	ug/L									< 1				
1,1-Dichloropropene	2018-09	ug/L					< 1		< 1						
1,1-Dichloropropene	2018-11	ug/L							< 1						
1,1-Dichloropropene	2019-04	ug/L										< 1			
1,1-Dichloropropene	2019-07	ug/L										< 1			
1,1-Dichloropropene	2021-05	ug/L	< 1	< 1	< 1	< 1							< 1		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,1-Dichloropropene	2022-04	ug/L											< 1		
1,1-Dichloropropene	2023-05	ug/L								< 1					
1,1-Dichloropropene	2023-08	ug/L								< 1					
1,1-Dichloropropene	2023-11	ug/L								< 1					
1,1-Dichloropropene	2024-02	ug/L								< 1					
1,1-Dichloropropene	2024-04	ug/L													< 1
1,1-Dichloropropene	2024-05	ug/L				< 1									
1,1-Dichloropropene	2024-10	ug/L			< 1				< 1						
1,2,3-Trichloropropane	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,2,3-Trichloropropane	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2,3-Trichloropropane	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2,3-Trichloropropane	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2,3-Trichloropropane	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2,3-Trichloropropane	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2,3-Trichloropropane	2009-07	ug/L							< 1.00			< 1.00			
1,2,3-Trichloropropane	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2,3-Trichloropropane	2009-12	ug/L							< 1.00			< 1.00			
1,2,3-Trichloropropane	2010-02	ug/L										< 2.00			
1,2,3-Trichloropropane	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
1,2,3-Trichloropropane	2010-06	ug/L										< 1.00			< 1.00
1,2,3-Trichloropropane	2010-08	ug/L													< 1.00
1,2,3-Trichloropropane	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2010-12	ug/L													< 1.00
1,2,3-Trichloropropane	2011-02	ug/L													< 1.00
1,2,3-Trichloropropane	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2011-06	ug/L											< 1.00		< 2.00
1,2,3-Trichloropropane	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.350 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2011-12	ug/L	< 1.00												< 1.00
1,2,3-Trichloropropane	2012-02	ug/L	< 1.00												
1,2,3-Trichloropropane	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2012-06	ug/L	< 1.00												
1,2,3-Trichloropropane	2012-08	ug/L	< 1.00												
1,2,3-Trichloropropane	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2013-01	ug/L													
1,2,3-Trichloropropane	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2013-06	ug/L													
1,2,3-Trichloropropane	2013-08	ug/L													
1,2,3-Trichloropropane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2013-12	ug/L													
1,2,3-Trichloropropane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,3-Trichloropropane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2016-01	ug/L													
1,2,3-Trichloropropane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2016-07	ug/L		< 1											
1,2,3-Trichloropropane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2016-12	ug/L		< 1											
1,2,3-Trichloropropane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2017-11	ug/L													
1,2,3-Trichloropropane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2018-06	ug/L													

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1,1-Dichloropropene	2022-04	ug/L													
1,1-Dichloropropene	2023-05	ug/L								< 1					
1,1-Dichloropropene	2023-08	ug/L								< 1					
1,1-Dichloropropene	2023-11	ug/L							< 1	< 1	< 1				
1,1-Dichloropropene	2024-02	ug/L								< 1					
1,1-Dichloropropene	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1						< 1		
1,1-Dichloropropene	2024-05	ug/L													
1,1-Dichloropropene	2024-10	ug/L													
1,2,3-Trichloropropane	2007-10	ug/L													
1,2,3-Trichloropropane	2008-01	ug/L													
1,2,3-Trichloropropane	2008-04	ug/L													
1,2,3-Trichloropropane	2008-07	ug/L													
1,2,3-Trichloropropane	2008-10	ug/L													
1,2,3-Trichloropropane	2009-04	ug/L													
1,2,3-Trichloropropane	2009-07	ug/L													
1,2,3-Trichloropropane	2009-10	ug/L													
1,2,3-Trichloropropane	2009-12	ug/L													
1,2,3-Trichloropropane	2010-02	ug/L													
1,2,3-Trichloropropane	2010-04	ug/L													
1,2,3-Trichloropropane	2010-06	ug/L													
1,2,3-Trichloropropane	2010-08	ug/L													
1,2,3-Trichloropropane	2010-10	ug/L													
1,2,3-Trichloropropane	2010-12	ug/L													
1,2,3-Trichloropropane	2011-02	ug/L													
1,2,3-Trichloropropane	2011-04	ug/L													
1,2,3-Trichloropropane	2011-06	ug/L													
1,2,3-Trichloropropane	2011-10	ug/L													
1,2,3-Trichloropropane	2011-12	ug/L													
1,2,3-Trichloropropane	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2012-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2013-01	ug/L		< 1.00	< 1.00										
1,2,3-Trichloropropane	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2013-06	ug/L		< 1.00	< 1.00										
1,2,3-Trichloropropane	2013-08	ug/L		< 1.00	< 1.00										
1,2,3-Trichloropropane	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2013-12	ug/L		< 1.00	< 1.00										
1,2,3-Trichloropropane	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2,3-Trichloropropane	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
1,2,3-Trichloropropane	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2016-01	ug/L									< 1	< 1		< 1	< 1
1,2,3-Trichloropropane	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2016-07	ug/L												< 1	< 1
1,2,3-Trichloropropane	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2016-12	ug/L													
1,2,3-Trichloropropane	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2017-11	ug/L						< 1							
1,2,3-Trichloropropane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2018-06	ug/L						< 1			< 1				

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1,2,3-Trichloropropane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2018-11	ug/L													
1,2,3-Trichloropropane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,2,3-Trichloropropane	2019-05	ug/L		< 1											
1,2,3-Trichloropropane	2019-07	ug/L													
1,2,3-Trichloropropane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,2,3-Trichloropropane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,2,3-Trichloropropane	2023-08	ug/L								< 1					
1,2,3-Trichloropropane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2024-02	ug/L								< 1					
1,2,3-Trichloropropane	2024-04	ug/L		< 1									< 1		< 1
1,2,3-Trichloropropane	2024-05	ug/L				< 1						< 1			
1,2,3-Trichloropropane	2024-09	ug/L													
1,2,3-Trichloropropane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,2,3-Trichloropropane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4,5-Tetrachlorobenzene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
1,2,4,5-Tetrachlorobenzene	2009-07	ug/L							< 10.0						
1,2,4,5-Tetrachlorobenzene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
1,2,4,5-Tetrachlorobenzene	2011-06	ug/L											< 10.0		
1,2,4,5-Tetrachlorobenzene	2012-04	ug/L											< 10.0		
1,2,4,5-Tetrachlorobenzene	2012-06	ug/L													
1,2,4,5-Tetrachlorobenzene	2013-10	ug/L													
1,2,4,5-Tetrachlorobenzene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
1,2,4,5-Tetrachlorobenzene	2015-10	ug/L													
1,2,4,5-Tetrachlorobenzene	2016-01	ug/L													
1,2,4,5-Tetrachlorobenzene	2016-04	ug/L													< 10.3
1,2,4,5-Tetrachlorobenzene	2017-03	ug/L											< 10.1		
1,2,4,5-Tetrachlorobenzene	2018-03	ug/L													
1,2,4,5-Tetrachlorobenzene	2018-06	ug/L													
1,2,4,5-Tetrachlorobenzene	2018-09	ug/L													
1,2,4,5-Tetrachlorobenzene	2018-11	ug/L													
1,2,4,5-Tetrachlorobenzene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
1,2,4,5-Tetrachlorobenzene	2019-07	ug/L													
1,2,4,5-Tetrachlorobenzene	2021-05	ug/L													< 10.9
1,2,4,5-Tetrachlorobenzene	2022-04	ug/L											< 10		
1,2,4,5-Tetrachlorobenzene	2023-05	ug/L								< 10.4					
1,2,4,5-Tetrachlorobenzene	2023-08	ug/L								< 12.8					
1,2,4,5-Tetrachlorobenzene	2023-11	ug/L								< 10.2					
1,2,4,5-Tetrachlorobenzene	2024-02	ug/L								< 9.26					
1,2,4,5-Tetrachlorobenzene	2024-04	ug/L													< 10
1,2,4,5-Tetrachlorobenzene	2024-05	ug/L				< 10									
1,2,4,5-Tetrachlorobenzene	2024-10	ug/L			< 10.4				< 10.4						
1,2,4-Trichlorobenzene	2009-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00			< 5.00				
1,2,4-Trichlorobenzene	2009-07	ug/L							< 5.00						
1,2,4-Trichlorobenzene	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		< 5.00				
1,2,4-Trichlorobenzene	2011-06	ug/L											< 5.00		

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,2,3-Trichloropropane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2018-11	ug/L							< 1						
1,2,3-Trichloropropane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,2,3-Trichloropropane	2019-05	ug/L													
1,2,3-Trichloropropane	2019-07	ug/L										< 1			
1,2,3-Trichloropropane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2,3-Trichloropropane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
1,2,3-Trichloropropane	2023-08	ug/L								< 1					
1,2,3-Trichloropropane	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2024-02	ug/L								< 1					
1,2,3-Trichloropropane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2,3-Trichloropropane	2024-05	ug/L													
1,2,3-Trichloropropane	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,2,3-Trichloropropane	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
1,2,3-Trichloropropane	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2,3-Trichloropropane	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4,5-Tetrachlorobenzene	2009-04	ug/L													
1,2,4,5-Tetrachlorobenzene	2009-07	ug/L													
1,2,4,5-Tetrachlorobenzene	2010-04	ug/L													
1,2,4,5-Tetrachlorobenzene	2011-06	ug/L													
1,2,4,5-Tetrachlorobenzene	2012-04	ug/L													
1,2,4,5-Tetrachlorobenzene	2012-06	ug/L					< 10.0		< 10.0						
1,2,4,5-Tetrachlorobenzene	2013-10	ug/L					< 10.3		< 10.3						
1,2,4,5-Tetrachlorobenzene	2014-03	ug/L													
1,2,4,5-Tetrachlorobenzene	2015-10	ug/L									< 10				
1,2,4,5-Tetrachlorobenzene	2016-01	ug/L									< 10.2	< 10			
1,2,4,5-Tetrachlorobenzene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
1,2,4,5-Tetrachlorobenzene	2017-03	ug/L	< 10.4			< 10.4									
1,2,4,5-Tetrachlorobenzene	2018-03	ug/L									< 10				
1,2,4,5-Tetrachlorobenzene	2018-06	ug/L									< 10.8				
1,2,4,5-Tetrachlorobenzene	2018-09	ug/L					< 10.9		< 54.3						
1,2,4,5-Tetrachlorobenzene	2018-11	ug/L							< 10.9						
1,2,4,5-Tetrachlorobenzene	2019-04	ug/L										< 11.1			
1,2,4,5-Tetrachlorobenzene	2019-07	ug/L										< 10.8			
1,2,4,5-Tetrachlorobenzene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
1,2,4,5-Tetrachlorobenzene	2022-04	ug/L													
1,2,4,5-Tetrachlorobenzene	2023-05	ug/L								< 11.4					
1,2,4,5-Tetrachlorobenzene	2023-08	ug/L								< 11.6					
1,2,4,5-Tetrachlorobenzene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
1,2,4,5-Tetrachlorobenzene	2024-02	ug/L								< 10					
1,2,4,5-Tetrachlorobenzene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
1,2,4,5-Tetrachlorobenzene	2024-05	ug/L													
1,2,4,5-Tetrachlorobenzene	2024-10	ug/L													
1,2,4-Trichlorobenzene	2009-04	ug/L													
1,2,4-Trichlorobenzene	2009-07	ug/L													
1,2,4-Trichlorobenzene	2010-04	ug/L													
1,2,4-Trichlorobenzene	2011-06	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,2,4-Trichlorobenzene	2012-04	ug/L											< 10.0 J		
1,2,4-Trichlorobenzene	2012-06	ug/L													
1,2,4-Trichlorobenzene	2013-10	ug/L													
1,2,4-Trichlorobenzene	2014-03	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		< 5.00				
1,2,4-Trichlorobenzene	2015-10	ug/L													
1,2,4-Trichlorobenzene	2016-01	ug/L													
1,2,4-Trichlorobenzene	2016-04	ug/L													< 5
1,2,4-Trichlorobenzene	2017-03	ug/L											< 5		
1,2,4-Trichlorobenzene	2018-03	ug/L													
1,2,4-Trichlorobenzene	2018-06	ug/L													
1,2,4-Trichlorobenzene	2018-09	ug/L													
1,2,4-Trichlorobenzene	2018-11	ug/L													
1,2,4-Trichlorobenzene	2019-04	ug/L			< 5	< 5			< 5						
1,2,4-Trichlorobenzene	2019-07	ug/L													
1,2,4-Trichlorobenzene	2021-05	ug/L													< 5
1,2,4-Trichlorobenzene	2022-04	ug/L											< 5		
1,2,4-Trichlorobenzene	2023-05	ug/L								< 5					
1,2,4-Trichlorobenzene	2023-08	ug/L								< 5					
1,2,4-Trichlorobenzene	2023-11	ug/L								< 5					
1,2,4-Trichlorobenzene	2024-02	ug/L								< 5					
1,2,4-Trichlorobenzene	2024-04	ug/L													< 5
1,2,4-Trichlorobenzene	2024-05	ug/L				< 5									
1,2,4-Trichlorobenzene	2024-10	ug/L			< 5				< 5						
1,2-Dibromo-3-chloropropane	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromo-3-chloropropane	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromo-3-chloropropane	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromo-3-chloropropane	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromo-3-chloropropane	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromo-3-chloropropane	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
1,2-Dibromo-3-chloropropane	2009-07	ug/L							< 10.0			< 10.0			
1,2-Dibromo-3-chloropropane	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 20.0	< 20.0	< 10.0	< 10.0	< 20.0	< 10.0	
1,2-Dibromo-3-chloropropane	2009-12	ug/L							< 10.0			< 10.0			
1,2-Dibromo-3-chloropropane	2010-02	ug/L										< 10.0			
1,2-Dibromo-3-chloropropane	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
1,2-Dibromo-3-chloropropane	2010-06	ug/L										< 10.0			< 10.0
1,2-Dibromo-3-chloropropane	2010-08	ug/L													< 20.0
1,2-Dibromo-3-chloropropane	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	2010-12	ug/L													< 10.0
1,2-Dibromo-3-chloropropane	2011-02	ug/L													< 10.0
1,2-Dibromo-3-chloropropane	2011-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	2011-06	ug/L											< 10.0		< 10.0
1,2-Dibromo-3-chloropropane	2011-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	2011-12	ug/L	< 10.0												< 10.0
1,2-Dibromo-3-chloropropane	2012-02	ug/L	< 10.0												
1,2-Dibromo-3-chloropropane	2012-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	2012-06	ug/L	< 10.0												
1,2-Dibromo-3-chloropropane	2012-08	ug/L	< 10.0												
1,2-Dibromo-3-chloropropane	2012-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	2013-01	ug/L													
1,2-Dibromo-3-chloropropane	2013-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	2013-06	ug/L													
1,2-Dibromo-3-chloropropane	2013-08	ug/L													
1,2-Dibromo-3-chloropropane	2013-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

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1,2,4-Trichlorobenzene	2012-04	ug/L													
1,2,4-Trichlorobenzene	2012-06	ug/L					< 5.00 J		< 5.00 J						
1,2,4-Trichlorobenzene	2013-10	ug/L					< 5.00		< 5.00						
1,2,4-Trichlorobenzene	2014-03	ug/L													
1,2,4-Trichlorobenzene	2015-10	ug/L									< 5				
1,2,4-Trichlorobenzene	2016-01	ug/L									< 5	< 5			
1,2,4-Trichlorobenzene	2016-04	ug/L		< 5	< 5						< 5	< 5	< 5		
1,2,4-Trichlorobenzene	2017-03	ug/L	< 5			< 5									
1,2,4-Trichlorobenzene	2018-03	ug/L									< 5				
1,2,4-Trichlorobenzene	2018-06	ug/L									< 5				
1,2,4-Trichlorobenzene	2018-09	ug/L					< 5		< 5						
1,2,4-Trichlorobenzene	2018-11	ug/L							< 5						
1,2,4-Trichlorobenzene	2019-04	ug/L										< 5			
1,2,4-Trichlorobenzene	2019-07	ug/L										< 5			
1,2,4-Trichlorobenzene	2021-05	ug/L	< 5	< 5	< 5	< 5							< 5		
1,2,4-Trichlorobenzene	2022-04	ug/L													
1,2,4-Trichlorobenzene	2023-05	ug/L								< 5					
1,2,4-Trichlorobenzene	2023-08	ug/L								< 5					
1,2,4-Trichlorobenzene	2023-11	ug/L							< 5	< 5	< 5				
1,2,4-Trichlorobenzene	2024-02	ug/L								< 5					
1,2,4-Trichlorobenzene	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5						< 5		
1,2,4-Trichlorobenzene	2024-05	ug/L													
1,2,4-Trichlorobenzene	2024-10	ug/L													
1,2-Dibromo-3-chloropropane	2007-10	ug/L													
1,2-Dibromo-3-chloropropane	2008-01	ug/L													
1,2-Dibromo-3-chloropropane	2008-04	ug/L													
1,2-Dibromo-3-chloropropane	2008-07	ug/L													
1,2-Dibromo-3-chloropropane	2008-10	ug/L													
1,2-Dibromo-3-chloropropane	2009-04	ug/L													
1,2-Dibromo-3-chloropropane	2009-07	ug/L													
1,2-Dibromo-3-chloropropane	2009-10	ug/L													
1,2-Dibromo-3-chloropropane	2009-12	ug/L													
1,2-Dibromo-3-chloropropane	2010-02	ug/L													
1,2-Dibromo-3-chloropropane	2010-04	ug/L													
1,2-Dibromo-3-chloropropane	2010-06	ug/L													
1,2-Dibromo-3-chloropropane	2010-08	ug/L													
1,2-Dibromo-3-chloropropane	2010-10	ug/L													
1,2-Dibromo-3-chloropropane	2010-12	ug/L													
1,2-Dibromo-3-chloropropane	2011-02	ug/L													
1,2-Dibromo-3-chloropropane	2011-04	ug/L													
1,2-Dibromo-3-chloropropane	2011-06	ug/L													
1,2-Dibromo-3-chloropropane	2011-10	ug/L													
1,2-Dibromo-3-chloropropane	2011-12	ug/L													
1,2-Dibromo-3-chloropropane	2012-02	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromo-3-chloropropane	2012-04	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromo-3-chloropropane	2012-06	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromo-3-chloropropane	2012-08	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	**0.200 J**		
1,2-Dibromo-3-chloropropane	2012-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromo-3-chloropropane	2013-01	ug/L		< 10.0	< 10.0										
1,2-Dibromo-3-chloropropane	2013-04	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromo-3-chloropropane	2013-06	ug/L		< 10.0	< 10.0										
1,2-Dibromo-3-chloropropane	2013-08	ug/L		< 10.0	< 10.0										
1,2-Dibromo-3-chloropropane	2013-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		

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Table 14
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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,2-Dibromo-3-chloropropane	2013-12	ug/L													
1,2-Dibromo-3-chloropropane	2014-03	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	2014-09	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromo-3-chloropropane	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromo-3-chloropropane	2016-01	ug/L													
1,2-Dibromo-3-chloropropane	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromo-3-chloropropane	2016-07	ug/L		< 5											
1,2-Dibromo-3-chloropropane	2016-09	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2016-12	ug/L		< 5											
1,2-Dibromo-3-chloropropane	2017-03	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2017-11	ug/L													
1,2-Dibromo-3-chloropropane	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2018-06	ug/L													
1,2-Dibromo-3-chloropropane	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2018-11	ug/L													
1,2-Dibromo-3-chloropropane	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~
1,2-Dibromo-3-chloropropane	2019-05	ug/L		< 5											
1,2-Dibromo-3-chloropropane	2019-07	ug/L													
1,2-Dibromo-3-chloropropane	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2020-04	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2021-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2022-04	ug/L		< 5		< 5						< 5	< 5		< 5
1,2-Dibromo-3-chloropropane	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2023-05	ug/L	< 5	< 5		< 5				< 5		< 5	< 5		< 5
1,2-Dibromo-3-chloropropane	2023-08	ug/L								< 5					
1,2-Dibromo-3-chloropropane	2023-11	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2024-02	ug/L								< 5					
1,2-Dibromo-3-chloropropane	2024-04	ug/L		< 5									< 5		< 5
1,2-Dibromo-3-chloropropane	2024-05	ug/L				< 5						< 5			
1,2-Dibromo-3-chloropropane	2024-09	ug/L													
1,2-Dibromo-3-chloropropane	2024-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2025-04	ug/L	< 5	< 5		< 5						< 5	< 5		< 5
1,2-Dibromo-3-chloropropane	2025-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromoethane	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromoethane	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromoethane	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromoethane	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
1,2-Dibromoethane	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
1,2-Dibromoethane	2009-07	ug/L							< 10.0			< 10.0			
1,2-Dibromoethane	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
1,2-Dibromoethane	2009-12	ug/L							< 10.0			< 10.0			
1,2-Dibromoethane	2010-02	ug/L										< 10.0			
1,2-Dibromoethane	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
1,2-Dibromoethane	2010-06	ug/L										< 10.0			< 10.0
1,2-Dibromoethane	2010-08	ug/L													< 10.0
1,2-Dibromoethane	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2010-12	ug/L													< 10.0
1,2-Dibromoethane	2011-02	ug/L													< 10.0

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1,2-Dibromo-3-chloropropane	2013-12	ug/L		< 10.0	< 10.0										
1,2-Dibromo-3-chloropropane	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromo-3-chloropropane	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromo-3-chloropropane	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
1,2-Dibromo-3-chloropropane	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromo-3-chloropropane	2016-01	ug/L									< 10	< 10		< 10	< 10
1,2-Dibromo-3-chloropropane	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromo-3-chloropropane	2016-07	ug/L												< 5	< 5
1,2-Dibromo-3-chloropropane	2016-09	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2016-12	ug/L													
1,2-Dibromo-3-chloropropane	2017-03	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2017-11	ug/L						< 5							
1,2-Dibromo-3-chloropropane	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2018-06	ug/L						< 5			< 5				
1,2-Dibromo-3-chloropropane	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2018-11	ug/L							< 5						
1,2-Dibromo-3-chloropropane	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~	< 5	< 5
1,2-Dibromo-3-chloropropane	2019-05	ug/L													
1,2-Dibromo-3-chloropropane	2019-07	ug/L										< 5			
1,2-Dibromo-3-chloropropane	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2020-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2021-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2022-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
1,2-Dibromo-3-chloropropane	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2023-05	ug/L	< 5	< 5	< 5	< 5	< 5			< 5		< 5	< 5		
1,2-Dibromo-3-chloropropane	2023-08	ug/L								< 5					
1,2-Dibromo-3-chloropropane	2023-11	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2024-02	ug/L								< 5					
1,2-Dibromo-3-chloropropane	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
1,2-Dibromo-3-chloropropane	2024-05	ug/L													
1,2-Dibromo-3-chloropropane	2024-09	ug/L		< 5	< 5	< 5							< 5		
1,2-Dibromo-3-chloropropane	2024-10	ug/L	< 5				< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5
1,2-Dibromo-3-chloropropane	2025-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
1,2-Dibromo-3-chloropropane	2025-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane	2007-10	ug/L													
1,2-Dibromoethane	2008-01	ug/L													
1,2-Dibromoethane	2008-04	ug/L													
1,2-Dibromoethane	2008-07	ug/L													
1,2-Dibromoethane	2008-10	ug/L													
1,2-Dibromoethane	2009-04	ug/L													
1,2-Dibromoethane	2009-07	ug/L													
1,2-Dibromoethane	2009-10	ug/L													
1,2-Dibromoethane	2009-12	ug/L													
1,2-Dibromoethane	2010-02	ug/L													
1,2-Dibromoethane	2010-04	ug/L													
1,2-Dibromoethane	2010-06	ug/L													
1,2-Dibromoethane	2010-08	ug/L													
1,2-Dibromoethane	2010-10	ug/L													
1,2-Dibromoethane	2010-12	ug/L													
1,2-Dibromoethane	2011-02	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,2-Dibromoethane	2011-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2011-06	ug/L											< 10.0		< 10.0
1,2-Dibromoethane	2011-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2011-12	ug/L	< 10.0												< 10.0
1,2-Dibromoethane	2012-02	ug/L	< 10.0												
1,2-Dibromoethane	2012-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2012-06	ug/L	< 10.0												
1,2-Dibromoethane	2012-08	ug/L	< 10.0												
1,2-Dibromoethane	2012-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2013-01	ug/L													
1,2-Dibromoethane	2013-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2013-06	ug/L													
1,2-Dibromoethane	2013-08	ug/L													
1,2-Dibromoethane	2013-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2013-12	ug/L													
1,2-Dibromoethane	2014-03	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2014-09	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
1,2-Dibromoethane	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	2016-01	ug/L													
1,2-Dibromoethane	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	2016-07	ug/L		< 1											
1,2-Dibromoethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2016-12	ug/L		< 1											
1,2-Dibromoethane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2017-11	ug/L													
1,2-Dibromoethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2018-06	ug/L													
1,2-Dibromoethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2018-11	ug/L													
1,2-Dibromoethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,2-Dibromoethane	2019-05	ug/L		< 1											
1,2-Dibromoethane	2019-07	ug/L													
1,2-Dibromoethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,2-Dibromoethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,2-Dibromoethane	2023-08	ug/L								< 1					
1,2-Dibromoethane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2024-02	ug/L								< 1					
1,2-Dibromoethane	2024-04	ug/L		< 1									< 1		< 1
1,2-Dibromoethane	2024-05	ug/L				< 1						< 1			
1,2-Dibromoethane	2024-09	ug/L													
1,2-Dibromoethane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,2-Dibromoethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichlorobenzene	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	

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Table 14
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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,2-Dibromoethane	2011-04	ug/L													
1,2-Dibromoethane	2011-06	ug/L													
1,2-Dibromoethane	2011-10	ug/L													
1,2-Dibromoethane	2011-12	ug/L													
1,2-Dibromoethane	2012-02	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2012-04	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2012-06	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2012-08	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2012-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2013-01	ug/L		< 10.0	< 10.0										
1,2-Dibromoethane	2013-04	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2013-06	ug/L		< 10.0	< 10.0										
1,2-Dibromoethane	2013-08	ug/L		< 10.0	< 10.0										
1,2-Dibromoethane	2013-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2013-12	ug/L		< 10.0	< 10.0										
1,2-Dibromoethane	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
1,2-Dibromoethane	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
1,2-Dibromoethane	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	2016-01	ug/L									< 10	< 10		< 10	< 10
1,2-Dibromoethane	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	2016-07	ug/L												< 1	< 1
1,2-Dibromoethane	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2016-12	ug/L													
1,2-Dibromoethane	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2017-11	ug/L						< 1							
1,2-Dibromoethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2018-06	ug/L						< 1			< 1				
1,2-Dibromoethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2018-11	ug/L							< 1						
1,2-Dibromoethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,2-Dibromoethane	2019-05	ug/L													
1,2-Dibromoethane	2019-07	ug/L										< 1			
1,2-Dibromoethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2-Dibromoethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
1,2-Dibromoethane	2023-08	ug/L								< 1					
1,2-Dibromoethane	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2024-02	ug/L								< 1					
1,2-Dibromoethane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2-Dibromoethane	2024-05	ug/L													
1,2-Dibromoethane	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,2-Dibromoethane	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
1,2-Dibromoethane	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2-Dibromoethane	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2007-10	ug/L													
1,2-Dichlorobenzene	2008-01	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,2-Dichlorobenzene	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichlorobenzene	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichlorobenzene	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichlorobenzene	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2-Dichlorobenzene	2009-07	ug/L							< 1.00			< 1.00			
1,2-Dichlorobenzene	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2-Dichlorobenzene	2009-12	ug/L							< 1.00			< 1.00			
1,2-Dichlorobenzene	2010-02	ug/L										< 1.00			
1,2-Dichlorobenzene	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2-Dichlorobenzene	2010-06	ug/L										< 1.00			< 1.00
1,2-Dichlorobenzene	2010-08	ug/L													< 1.00
1,2-Dichlorobenzene	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	2010-12	ug/L													< 4.00
1,2-Dichlorobenzene	2011-02	ug/L													< 1.00
1,2-Dichlorobenzene	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	2011-06	ug/L											< 1.00		< 1.00
1,2-Dichlorobenzene	2011-10	ug/L			< 2.00	**0.340 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 2.00 J	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	2011-12	ug/L	< 1.00												< 1.00
1,2-Dichlorobenzene	2012-02	ug/L	< 1.00												
1,2-Dichlorobenzene	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 J	< 1.00	< 1.00
1,2-Dichlorobenzene	2012-06	ug/L	< 1.00												
1,2-Dichlorobenzene	2012-08	ug/L	< 1.00												
1,2-Dichlorobenzene	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	2013-01	ug/L													
1,2-Dichlorobenzene	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	2013-06	ug/L													
1,2-Dichlorobenzene	2013-08	ug/L													
1,2-Dichlorobenzene	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	2013-12	ug/L													
1,2-Dichlorobenzene	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2016-01	ug/L													
1,2-Dichlorobenzene	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2016-07	ug/L		< 1											
1,2-Dichlorobenzene	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2016-12	ug/L		< 1											
1,2-Dichlorobenzene	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2017-08	ug/L	< 1	< 1	< 1	**0.51 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2017-11	ug/L													
1,2-Dichlorobenzene	2018-03	ug/L	< 1	< 1	< 1	**0.883 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2018-06	ug/L													
1,2-Dichlorobenzene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2018-11	ug/L													
1,2-Dichlorobenzene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,2-Dichlorobenzene	2019-05	ug/L		< 1											
1,2-Dichlorobenzene	2019-07	ug/L													
1,2-Dichlorobenzene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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1,2-Dichlorobenzene	2008-04	ug/L													
1,2-Dichlorobenzene	2008-07	ug/L													
1,2-Dichlorobenzene	2008-10	ug/L													
1,2-Dichlorobenzene	2009-04	ug/L													
1,2-Dichlorobenzene	2009-07	ug/L													
1,2-Dichlorobenzene	2009-10	ug/L													
1,2-Dichlorobenzene	2009-12	ug/L													
1,2-Dichlorobenzene	2010-02	ug/L													
1,2-Dichlorobenzene	2010-04	ug/L													
1,2-Dichlorobenzene	2010-06	ug/L													
1,2-Dichlorobenzene	2010-08	ug/L													
1,2-Dichlorobenzene	2010-10	ug/L													
1,2-Dichlorobenzene	2010-12	ug/L													
1,2-Dichlorobenzene	2011-02	ug/L													
1,2-Dichlorobenzene	2011-04	ug/L													
1,2-Dichlorobenzene	2011-06	ug/L													
1,2-Dichlorobenzene	2011-10	ug/L													
1,2-Dichlorobenzene	2011-12	ug/L													
1,2-Dichlorobenzene	2012-02	ug/L					< 1.00		**2.23**	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichlorobenzene	2012-04	ug/L					< 1.00		**1.54**	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichlorobenzene	2012-06	ug/L					< 1.00		**1.80**	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichlorobenzene	2012-08	ug/L					< 1.00		**2.58**	< 1.00	< 1.00	< 1.00	< 1.00 J		
1,2-Dichlorobenzene	2012-10	ug/L		< 1.00	< 1.00		< 1.00		**3.44**	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichlorobenzene	2013-01	ug/L		< 1.00	< 1.00										
1,2-Dichlorobenzene	2013-04	ug/L		< 1.00	< 1.00		< 1.00		**0.936 J**	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichlorobenzene	2013-06	ug/L		< 1.00	< 1.00										
1,2-Dichlorobenzene	2013-08	ug/L		< 1.00	< 1.00										
1,2-Dichlorobenzene	2013-10	ug/L		< 1.00	< 1.00		< 1.00		**1.90**	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichlorobenzene	2013-12	ug/L		< 1.00	< 1.00										
1,2-Dichlorobenzene	2014-03	ug/L		< 1.00	< 1.00		< 1.00		**0.857 J**	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichlorobenzene	2014-09	ug/L		< 1.00	< 1.00		< 1.00		**0.633 J**	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichlorobenzene	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
1,2-Dichlorobenzene	2015-10	ug/L		< 1	< 1		< 1		**0.502 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2016-01	ug/L									< 1	< 1		< 1	< 1
1,2-Dichlorobenzene	2016-04	ug/L		< 1	< 1		< 1		**0.265 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2016-07	ug/L												< 1	< 1
1,2-Dichlorobenzene	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2016-12	ug/L													
1,2-Dichlorobenzene	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**1.22**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2017-11	ug/L						< 1	**0.758 J**						
1,2-Dichlorobenzene	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.651 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2018-06	ug/L						< 1			< 1				
1,2-Dichlorobenzene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.926 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2018-11	ug/L							**0.819 J**						
1,2-Dichlorobenzene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.643 J**	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,2-Dichlorobenzene	2019-05	ug/L													
1,2-Dichlorobenzene	2019-07	ug/L										< 1			
1,2-Dichlorobenzene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.83 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.531 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.731 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.789 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.784 J**	< 1	< 1	< 1	< 1	< 1	< 1

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1,2-Dichlorobenzene	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,2-Dichlorobenzene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,2-Dichlorobenzene	2023-08	ug/L								< 1					
1,2-Dichlorobenzene	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2024-02	ug/L								< 1					
1,2-Dichlorobenzene	2024-04	ug/L		< 1									< 1		< 1
1,2-Dichlorobenzene	2024-05	ug/L				< 1						< 1			
1,2-Dichlorobenzene	2024-09	ug/L													
1,2-Dichlorobenzene	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,2-Dichlorobenzene	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2007-10	ug/L			< 1	**1.65**	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloroethane	2008-01	ug/L			< 1	**1.7**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloroethane	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloroethane	2008-07	ug/L			< 1	**1.32**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloroethane	2008-10	ug/L			< 1	**1.45**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloroethane	2009-04	ug/L			< 1.00	**0.950 J**	**0.480 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2-Dichloroethane	2009-07	ug/L							< 1.00			< 1.00			
1,2-Dichloroethane	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2-Dichloroethane	2009-12	ug/L							< 1.00			< 1.00			
1,2-Dichloroethane	2010-02	ug/L										< 1.00			
1,2-Dichloroethane	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2-Dichloroethane	2010-06	ug/L										< 1.00			< 1.00
1,2-Dichloroethane	2010-08	ug/L													< 1.00
1,2-Dichloroethane	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2010-12	ug/L													< 1.00
1,2-Dichloroethane	2011-02	ug/L													< 1.00
1,2-Dichloroethane	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2011-06	ug/L											< 1.00		< 1.00
1,2-Dichloroethane	2011-10	ug/L			< 1.00	**0.370 J**	< 1.00	**0.250 J**	< 1.00	< 1.00	**0.200 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2011-12	ug/L	< 1.00												< 1.00
1,2-Dichloroethane	2012-02	ug/L	< 1.00												
1,2-Dichloroethane	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.240 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2012-06	ug/L	< 1.00												
1,2-Dichloroethane	2012-08	ug/L	< 1.00												
1,2-Dichloroethane	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	**0.180 J**	< 1.00	< 1.00	**0.430 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2013-01	ug/L													
1,2-Dichloroethane	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.750 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2013-06	ug/L													
1,2-Dichloroethane	2013-08	ug/L													
1,2-Dichloroethane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2013-12	ug/L													
1,2-Dichloroethane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2016-01	ug/L													
1,2-Dichloroethane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2016-07	ug/L		< 1											
1,2-Dichloroethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2016-12	ug/L		< 1											
1,2-Dichloroethane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	**0.19 J**	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,2-Dichlorobenzene	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2-Dichlorobenzene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.706 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
1,2-Dichlorobenzene	2023-08	ug/L								< 1					
1,2-Dichlorobenzene	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.676 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2024-02	ug/L								< 1					
1,2-Dichlorobenzene	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2-Dichlorobenzene	2024-05	ug/L													
1,2-Dichlorobenzene	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,2-Dichlorobenzene	2024-10	ug/L	< 1				< 1	< 1	**0.471 J**	< 1	< 1	< 1		< 1	< 1
1,2-Dichlorobenzene	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,2-Dichlorobenzene	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.371 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2007-10	ug/L													
1,2-Dichloroethane	2008-01	ug/L													
1,2-Dichloroethane	2008-04	ug/L													
1,2-Dichloroethane	2008-07	ug/L													
1,2-Dichloroethane	2008-10	ug/L													
1,2-Dichloroethane	2009-04	ug/L													
1,2-Dichloroethane	2009-07	ug/L													
1,2-Dichloroethane	2009-10	ug/L													
1,2-Dichloroethane	2009-12	ug/L													
1,2-Dichloroethane	2010-02	ug/L													
1,2-Dichloroethane	2010-04	ug/L													
1,2-Dichloroethane	2010-06	ug/L													
1,2-Dichloroethane	2010-08	ug/L													
1,2-Dichloroethane	2010-10	ug/L													
1,2-Dichloroethane	2010-12	ug/L													
1,2-Dichloroethane	2011-02	ug/L													
1,2-Dichloroethane	2011-04	ug/L													
1,2-Dichloroethane	2011-06	ug/L													
1,2-Dichloroethane	2011-10	ug/L													
1,2-Dichloroethane	2011-12	ug/L													
1,2-Dichloroethane	2012-02	ug/L					**0.850 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2012-04	ug/L					**1.11**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2012-06	ug/L					**1.11**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2012-08	ug/L					**0.880 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2012-10	ug/L		< 1.00	< 1.00		**0.870 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2013-01	ug/L		< 1.00	< 1.00										
1,2-Dichloroethane	2013-04	ug/L		< 1.00	< 1.00		**1.28**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2013-06	ug/L		< 1.00	< 1.00										
1,2-Dichloroethane	2013-08	ug/L		< 1.00	< 1.00										
1,2-Dichloroethane	2013-10	ug/L		< 1.00	< 1.00		**1.02**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2013-12	ug/L		< 1.00	< 1.00										
1,2-Dichloroethane	2014-03	ug/L		< 1.00	< 1.00		**1.13**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2014-09	ug/L		< 1.00	< 1.00		**0.885 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloroethane	2015-05	ug/L		< 1	< 1		**1.15**		< 1	< 1	< 1	< 1	< 1		
1,2-Dichloroethane	2015-10	ug/L		< 1	< 1		**1.23**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2016-01	ug/L									< 1	< 1		< 1	< 1
1,2-Dichloroethane	2016-04	ug/L		< 1	< 1		**1.32**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2016-07	ug/L												< 1	< 1
1,2-Dichloroethane	2016-09	ug/L	< 1	< 1	< 1	< 1	**1.18**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2016-12	ug/L													
1,2-Dichloroethane	2017-03	ug/L	< 1	< 1	< 1	< 1	**1.28**		< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,2-Dichloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.184 J**	< 1	**0.183 J**	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2017-11	ug/L													
1,2-Dichloroethane	2018-03	ug/L	**0.255 J**	< 1	< 1 J	< 1	< 1	< 1	< 1 J	< 1	**0.246 J**	< 1	< 1 J	< 1	< 1
1,2-Dichloroethane	2018-06	ug/L													
1,2-Dichloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2018-11	ug/L													
1,2-Dichloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,2-Dichloroethane	2019-05	ug/L		< 1											
1,2-Dichloroethane	2019-07	ug/L													
1,2-Dichloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,2-Dichloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,2-Dichloroethane	2023-08	ug/L								< 1					
1,2-Dichloroethane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2024-02	ug/L								< 1					
1,2-Dichloroethane	2024-04	ug/L		< 1									< 1		< 1
1,2-Dichloroethane	2024-05	ug/L				< 1						< 1			
1,2-Dichloroethane	2024-09	ug/L													
1,2-Dichloroethane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,2-Dichloroethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2007-10	ug/L			**1.14**	**11**	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloropropane	2008-01	ug/L			**3.6**	**13.2**	< 1	< 1	< 1	< 1	**1.67**	< 1	< 1	< 1	
1,2-Dichloropropane	2008-04	ug/L			**3.35**	**2.33**	< 1	< 1	< 1	< 1	**2.7**	< 1	< 1	< 1	
1,2-Dichloropropane	2008-07	ug/L			< 1	**6.92**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloropropane	2008-10	ug/L			**2**	**7.03**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloropropane	2009-04	ug/L			**1.65**	**3.46**	**0.480 J**	< 1.00	< 1.00	< 1.00	**1.20**	< 1.00	< 1.00	< 1.00	
1,2-Dichloropropane	2009-07	ug/L							< 1.00			< 1.00			
1,2-Dichloropropane	2009-10	ug/L			< 1.00	**1.22**	< 1.00	< 1.00	< 2.00	< 2.00	< 1.00	< 1.00	< 2.00	< 1.00	
1,2-Dichloropropane	2009-12	ug/L							< 1.00			< 1.00			
1,2-Dichloropropane	2010-02	ug/L										< 1.00			
1,2-Dichloropropane	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,2-Dichloropropane	2010-06	ug/L										< 1.00			< 1.00
1,2-Dichloropropane	2010-08	ug/L													< 1.00
1,2-Dichloropropane	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**1.51**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloropropane	2010-12	ug/L													< 1.00
1,2-Dichloropropane	2011-02	ug/L													< 1.00
1,2-Dichloropropane	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloropropane	2011-06	ug/L											< 1.00		< 1.00
1,2-Dichloropropane	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.900 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloropropane	2011-12	ug/L	< 1.00												< 1.00
1,2-Dichloropropane	2012-02	ug/L	< 1.00												
1,2-Dichloropropane	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**2.11**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloropropane	2012-06	ug/L	< 1.00												
1,2-Dichloropropane	2012-08	ug/L	< 1.00												
1,2-Dichloropropane	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**2.58**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloropropane	2013-01	ug/L													
1,2-Dichloropropane	2013-04	ug/L	< 1.00		**0.963 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**4.17**	< 1.00	< 1.00	< 1.00	< 1.00

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
1,2-Dichloroethane	2017-08	ug/L	< 1	< 1	< 1	< 1	**1.31**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2017-11	ug/L						**0.249 J**							
1,2-Dichloroethane	2018-03	ug/L	< 1	< 1	< 1	< 1	**1.23**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2018-06	ug/L						< 1			< 1				
1,2-Dichloroethane	2018-09	ug/L	< 1	< 1	< 1	< 1	**1.03**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2018-11	ug/L							< 1						
1,2-Dichloroethane	2019-04	ug/L	< 1	< 1	< 1	< 1	**1.09**	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,2-Dichloroethane	2019-05	ug/L													
1,2-Dichloroethane	2019-07	ug/L										< 1			
1,2-Dichloroethane	2019-10	ug/L	< 1	< 1	< 1	< 1	**1.05**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2020-04	ug/L	< 1	< 1	< 1	< 1	**1.05**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2020-10	ug/L	< 1	< 1	< 1	< 1	**0.913 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2021-05	ug/L	< 1	< 1	< 1	< 1	**0.749 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2021-10	ug/L	< 1	< 1	< 1	< 1	**0.705 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2022-04	ug/L	< 1	< 1	< 1	< 1	**0.69 J**					< 1	< 1		
1,2-Dichloroethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2023-05	ug/L	< 1	< 1	< 1	< 1	**0.685 J**			< 1		< 1	< 1		
1,2-Dichloroethane	2023-08	ug/L								< 1					
1,2-Dichloroethane	2023-11	ug/L	< 1	< 1	< 1	< 1	**0.479 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2024-02	ug/L								< 1					
1,2-Dichloroethane	2024-04	ug/L	< 1	< 1	< 1	< 1	**0.744 J**					< 1	< 1		
1,2-Dichloroethane	2024-05	ug/L													
1,2-Dichloroethane	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,2-Dichloroethane	2024-10	ug/L	< 1				**0.613 J**	< 1	< 1	< 1	< 1	< 1		< 1	< 1
1,2-Dichloroethane	2025-04	ug/L	< 1	< 1	< 1	< 1	**0.406 J**					< 1	< 1		
1,2-Dichloroethane	2025-10	ug/L	< 1	< 1	< 1	< 1	**0.418 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2007-10	ug/L													
1,2-Dichloropropane	2008-01	ug/L													
1,2-Dichloropropane	2008-04	ug/L													
1,2-Dichloropropane	2008-07	ug/L													
1,2-Dichloropropane	2008-10	ug/L													
1,2-Dichloropropane	2009-04	ug/L													
1,2-Dichloropropane	2009-07	ug/L													
1,2-Dichloropropane	2009-10	ug/L													
1,2-Dichloropropane	2009-12	ug/L													
1,2-Dichloropropane	2010-02	ug/L													
1,2-Dichloropropane	2010-04	ug/L													
1,2-Dichloropropane	2010-06	ug/L													
1,2-Dichloropropane	2010-08	ug/L													
1,2-Dichloropropane	2010-10	ug/L													
1,2-Dichloropropane	2010-12	ug/L													
1,2-Dichloropropane	2011-02	ug/L													
1,2-Dichloropropane	2011-04	ug/L													
1,2-Dichloropropane	2011-06	ug/L													
1,2-Dichloropropane	2011-10	ug/L													
1,2-Dichloropropane	2011-12	ug/L													
1,2-Dichloropropane	2012-02	ug/L					~~6.31~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloropropane	2012-04	ug/L					~~7.59~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloropropane	2012-06	ug/L					~~8.24~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloropropane	2012-08	ug/L					~~5.77~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloropropane	2012-10	ug/L		< 1.00	< 1.00		~~6.11~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloropropane	2013-01	ug/L		< 1.00	< 1.00										
1,2-Dichloropropane	2013-04	ug/L		< 1.00	< 1.00		~~8.62~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
1,2-Dichloropropane	2013-06	ug/L													
1,2-Dichloropropane	2013-08	ug/L													
1,2-Dichloropropane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloropropane	2013-12	ug/L													
1,2-Dichloropropane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**1.03**	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloropropane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloropropane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2016-01	ug/L													
1,2-Dichloropropane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2016-07	ug/L		< 1											
1,2-Dichloropropane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2016-12	ug/L		< 1											
1,2-Dichloropropane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2017-11	ug/L													
1,2-Dichloropropane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2018-06	ug/L													
1,2-Dichloropropane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2018-11	ug/L													
1,2-Dichloropropane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,2-Dichloropropane	2019-05	ug/L		< 1											
1,2-Dichloropropane	2019-07	ug/L													
1,2-Dichloropropane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
1,2-Dichloropropane	2022-10	ug/L	**0.387 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
1,2-Dichloropropane	2023-08	ug/L								< 1					
1,2-Dichloropropane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2024-02	ug/L								< 1					
1,2-Dichloropropane	2024-04	ug/L		< 1									< 1		< 1
1,2-Dichloropropane	2024-05	ug/L				< 1						< 1			
1,2-Dichloropropane	2024-09	ug/L													
1,2-Dichloropropane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,2-Dichloropropane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trinitrobenzene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
1,3,5-Trinitrobenzene	2009-07	ug/L							< 10.0						
1,3,5-Trinitrobenzene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
1,3,5-Trinitrobenzene	2011-06	ug/L											< 10.0		
1,3,5-Trinitrobenzene	2012-04	ug/L											< 10.0		
1,3,5-Trinitrobenzene	2012-06	ug/L													
1,3,5-Trinitrobenzene	2013-10	ug/L													
1,3,5-Trinitrobenzene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
1,3,5-Trinitrobenzene	2015-10	ug/L													
1,3,5-Trinitrobenzene	2016-01	ug/L													
1,3,5-Trinitrobenzene	2016-04	ug/L													< 10.3
1,3,5-Trinitrobenzene	2017-03	ug/L											< 10.1		
1,3,5-Trinitrobenzene	2018-03	ug/L													

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1,2-Dichloropropane	2013-06	ug/L		< 1.00	< 1.00										
1,2-Dichloropropane	2013-08	ug/L		< 1.00	< 1.00										
1,2-Dichloropropane	2013-10	ug/L		< 1.00	< 1.00		~~9.13~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloropropane	2013-12	ug/L		< 1.00	< 1.00										
1,2-Dichloropropane	2014-03	ug/L		< 1.00	< 1.00		~~7.62~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloropropane	2014-09	ug/L		< 1.00	< 1.00		~~7.08~~		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,2-Dichloropropane	2015-05	ug/L		< 1	< 1		~~8.4~~		< 1	< 1	< 1	< 1	< 1		
1,2-Dichloropropane	2015-10	ug/L		< 1	< 1		~~8.32~~		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2016-01	ug/L									< 1	< 1		< 1	< 1
1,2-Dichloropropane	2016-04	ug/L		< 1	< 1		~~8.57~~		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2016-07	ug/L												< 1	< 1
1,2-Dichloropropane	2016-09	ug/L	< 1	< 1	< 1	< 1	~~8.88~~		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2016-12	ug/L													
1,2-Dichloropropane	2017-03	ug/L	< 1	< 1	< 1	< 1	~~9.14~~		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2017-08	ug/L	< 1	< 1	< 1	< 1	~~7.89~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2017-11	ug/L						**0.893 J**							
1,2-Dichloropropane	2018-03	ug/L	< 1	< 1	< 1	< 1	~~9.57~~	**0.922 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2018-06	ug/L						**0.915 J**			< 1				
1,2-Dichloropropane	2018-09	ug/L	< 1	< 1	< 1	< 1	~~7.27~~	**1.35**	< 1	< 1	< 1	< 1	< 1	**0.333 J**	< 1
1,2-Dichloropropane	2018-11	ug/L							< 1						
1,2-Dichloropropane	2019-04	ug/L	< 1	< 1	< 1	< 1	~~8.13~~	< 1	< 1	< 1	< 1	< 1	~~< 1~~	**0.387 J**	< 1
1,2-Dichloropropane	2019-05	ug/L													
1,2-Dichloropropane	2019-07	ug/L										< 1			
1,2-Dichloropropane	2019-10	ug/L	< 1	< 1	< 1	< 1	~~5.66~~	**0.944 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2020-04	ug/L	< 1	< 1	< 1	< 1	~~6.61~~	**1.04**	< 1	< 1	< 1	< 1	< 1	**0.358 J**	< 1
1,2-Dichloropropane	2020-10	ug/L	< 1	< 1	< 1	< 1	~~4.93~~	**1.33**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2021-05	ug/L	< 1	< 1	< 1	< 1	~~4.85~~	**0.392 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2021-10	ug/L	< 1	< 1	< 1	< 1	~~3.89~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2022-04	ug/L	< 1	< 1	< 1	< 1	**3.92**					< 1	< 1		
1,2-Dichloropropane	2022-10	ug/L	< 1	< 1	< 1	< 1	**4.15**	**0.415 J**	< 1	< 1	< 1	< 1	< 1	**0.349 J**	< 1
1,2-Dichloropropane	2023-05	ug/L	< 1	< 1	< 1	< 1	**3.91**			< 1		< 1	< 1		
1,2-Dichloropropane	2023-08	ug/L								< 1					
1,2-Dichloropropane	2023-11	ug/L	< 1	< 1	< 1	< 1	**2.64**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2024-02	ug/L								< 1					
1,2-Dichloropropane	2024-04	ug/L	< 1	< 1	< 1	< 1	**3.06**					< 1	< 1		
1,2-Dichloropropane	2024-05	ug/L													
1,2-Dichloropropane	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,2-Dichloropropane	2024-10	ug/L	< 1				**3.19**	< 1	< 1	< 1	< 1	< 1		< 1	< 1
1,2-Dichloropropane	2025-04	ug/L	< 1	< 1	< 1	< 1	**3.11**					< 1	< 1		
1,2-Dichloropropane	2025-10	ug/L	< 1	< 1	< 1	< 1	**2.59**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trinitrobenzene	2009-04	ug/L													
1,3,5-Trinitrobenzene	2009-07	ug/L													
1,3,5-Trinitrobenzene	2010-04	ug/L													
1,3,5-Trinitrobenzene	2011-06	ug/L													
1,3,5-Trinitrobenzene	2012-04	ug/L													
1,3,5-Trinitrobenzene	2012-06	ug/L					< 10.0		< 10.0						
1,3,5-Trinitrobenzene	2013-10	ug/L					< 10.3		< 10.3						
1,3,5-Trinitrobenzene	2014-03	ug/L													
1,3,5-Trinitrobenzene	2015-10	ug/L									< 10				
1,3,5-Trinitrobenzene	2016-01	ug/L									< 10.2	< 10			
1,3,5-Trinitrobenzene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
1,3,5-Trinitrobenzene	2017-03	ug/L	< 10.4			< 10.4									
1,3,5-Trinitrobenzene	2018-03	ug/L									< 10				

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1,3,5-Trinitrobenzene	2018-06	ug/L													
1,3,5-Trinitrobenzene	2018-09	ug/L													
1,3,5-Trinitrobenzene	2018-11	ug/L													
1,3,5-Trinitrobenzene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
1,3,5-Trinitrobenzene	2019-07	ug/L													
1,3,5-Trinitrobenzene	2021-05	ug/L													< 10.9
1,3,5-Trinitrobenzene	2022-04	ug/L											< 10		
1,3,5-Trinitrobenzene	2023-05	ug/L								< 10.4					
1,3,5-Trinitrobenzene	2023-08	ug/L								< 12.8					
1,3,5-Trinitrobenzene	2023-11	ug/L								< 10.2					
1,3,5-Trinitrobenzene	2024-02	ug/L								< 9.26					
1,3,5-Trinitrobenzene	2024-04	ug/L													< 10
1,3,5-Trinitrobenzene	2024-05	ug/L				< 10									
1,3,5-Trinitrobenzene	2024-10	ug/L			< 10.4				< 10.4						
1,3-Dichlorobenzene	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00			< 1.00				
1,3-Dichlorobenzene	2009-07	ug/L							< 1.00						
1,3-Dichlorobenzene	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
1,3-Dichlorobenzene	2011-06	ug/L											< 1.00		
1,3-Dichlorobenzene	2012-04	ug/L											**0.240 J**		
1,3-Dichlorobenzene	2012-06	ug/L													
1,3-Dichlorobenzene	2012-08	ug/L											< 1.00		
1,3-Dichlorobenzene	2012-10	ug/L											< 1.00		
1,3-Dichlorobenzene	2013-01	ug/L											< 1.00		
1,3-Dichlorobenzene	2013-10	ug/L													
1,3-Dichlorobenzene	2014-03	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
1,3-Dichlorobenzene	2015-10	ug/L													
1,3-Dichlorobenzene	2016-01	ug/L													
1,3-Dichlorobenzene	2016-04	ug/L													< 1
1,3-Dichlorobenzene	2017-03	ug/L											< 1		
1,3-Dichlorobenzene	2018-03	ug/L													
1,3-Dichlorobenzene	2018-06	ug/L													
1,3-Dichlorobenzene	2018-09	ug/L													
1,3-Dichlorobenzene	2018-11	ug/L													
1,3-Dichlorobenzene	2019-04	ug/L			< 1	< 1			< 1						
1,3-Dichlorobenzene	2019-07	ug/L													
1,3-Dichlorobenzene	2021-05	ug/L													< 1
1,3-Dichlorobenzene	2022-04	ug/L											< 1		
1,3-Dichlorobenzene	2023-05	ug/L								< 1					
1,3-Dichlorobenzene	2023-08	ug/L								< 1					
1,3-Dichlorobenzene	2023-11	ug/L								< 1					
1,3-Dichlorobenzene	2024-02	ug/L								< 1					
1,3-Dichlorobenzene	2024-04	ug/L													< 1
1,3-Dichlorobenzene	2024-05	ug/L				< 1									
1,3-Dichlorobenzene	2024-10	ug/L			< 1				< 1						
1,3-Dichloropropane	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00			< 1.00				
1,3-Dichloropropane	2009-07	ug/L							< 1.00						
1,3-Dichloropropane	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
1,3-Dichloropropane	2011-06	ug/L											< 1.00		
1,3-Dichloropropane	2012-04	ug/L											< 1.00		
1,3-Dichloropropane	2012-06	ug/L													
1,3-Dichloropropane	2013-10	ug/L													
1,3-Dichloropropane	2014-03	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
1,3-Dichloropropane	2015-10	ug/L													

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1,3,5-Trinitrobenzene	2018-06	ug/L									< 10.8				
1,3,5-Trinitrobenzene	2018-09	ug/L					< 10.9		< 54.3						
1,3,5-Trinitrobenzene	2018-11	ug/L							< 10.9						
1,3,5-Trinitrobenzene	2019-04	ug/L										< 11.1			
1,3,5-Trinitrobenzene	2019-07	ug/L										< 10.8			
1,3,5-Trinitrobenzene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
1,3,5-Trinitrobenzene	2022-04	ug/L													
1,3,5-Trinitrobenzene	2023-05	ug/L								< 11.4					
1,3,5-Trinitrobenzene	2023-08	ug/L								< 11.6					
1,3,5-Trinitrobenzene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
1,3,5-Trinitrobenzene	2024-02	ug/L								< 10					
1,3,5-Trinitrobenzene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
1,3,5-Trinitrobenzene	2024-05	ug/L													
1,3,5-Trinitrobenzene	2024-10	ug/L													
1,3-Dichlorobenzene	2009-04	ug/L													
1,3-Dichlorobenzene	2009-07	ug/L													
1,3-Dichlorobenzene	2010-04	ug/L													
1,3-Dichlorobenzene	2011-06	ug/L													
1,3-Dichlorobenzene	2012-04	ug/L													
1,3-Dichlorobenzene	2012-06	ug/L					< 1.00		< 1.00						
1,3-Dichlorobenzene	2012-08	ug/L													
1,3-Dichlorobenzene	2012-10	ug/L													
1,3-Dichlorobenzene	2013-01	ug/L													
1,3-Dichlorobenzene	2013-10	ug/L					< 1.00		< 1.00						
1,3-Dichlorobenzene	2014-03	ug/L													
1,3-Dichlorobenzene	2015-10	ug/L									< 1				
1,3-Dichlorobenzene	2016-01	ug/L									< 1	< 1			
1,3-Dichlorobenzene	2016-04	ug/L		< 1	< 1						< 1	< 1	< 1		
1,3-Dichlorobenzene	2017-03	ug/L	< 1			< 1									
1,3-Dichlorobenzene	2018-03	ug/L									< 1				
1,3-Dichlorobenzene	2018-06	ug/L									< 1				
1,3-Dichlorobenzene	2018-09	ug/L					< 1		< 1						
1,3-Dichlorobenzene	2018-11	ug/L							< 1						
1,3-Dichlorobenzene	2019-04	ug/L										< 1			
1,3-Dichlorobenzene	2019-07	ug/L										< 1			
1,3-Dichlorobenzene	2021-05	ug/L	< 1	< 1	< 1	< 1							< 1		
1,3-Dichlorobenzene	2022-04	ug/L													
1,3-Dichlorobenzene	2023-05	ug/L								< 1					
1,3-Dichlorobenzene	2023-08	ug/L								< 1					
1,3-Dichlorobenzene	2023-11	ug/L							< 1	< 1	< 1				
1,3-Dichlorobenzene	2024-02	ug/L								< 1					
1,3-Dichlorobenzene	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1						< 1		
1,3-Dichlorobenzene	2024-05	ug/L													
1,3-Dichlorobenzene	2024-10	ug/L													
1,3-Dichloropropane	2009-04	ug/L													
1,3-Dichloropropane	2009-07	ug/L													
1,3-Dichloropropane	2010-04	ug/L													
1,3-Dichloropropane	2011-06	ug/L													
1,3-Dichloropropane	2012-04	ug/L													
1,3-Dichloropropane	2012-06	ug/L					< 1.00		< 1.00						
1,3-Dichloropropane	2013-10	ug/L					< 1.00		< 1.00						
1,3-Dichloropropane	2014-03	ug/L													
1,3-Dichloropropane	2015-10	ug/L									< 1				

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1,3-Dichloropropane	2016-01	ug/L													
1,3-Dichloropropane	2016-04	ug/L													< 1
1,3-Dichloropropane	2017-03	ug/L											< 1		
1,3-Dichloropropane	2018-03	ug/L													
1,3-Dichloropropane	2018-06	ug/L													
1,3-Dichloropropane	2018-09	ug/L													
1,3-Dichloropropane	2018-11	ug/L													
1,3-Dichloropropane	2019-04	ug/L			< 1	< 1			< 1						
1,3-Dichloropropane	2019-07	ug/L													
1,3-Dichloropropane	2021-05	ug/L													< 1
1,3-Dichloropropane	2022-04	ug/L											< 1		
1,3-Dichloropropane	2023-05	ug/L								< 1					
1,3-Dichloropropane	2023-08	ug/L								< 1					
1,3-Dichloropropane	2023-11	ug/L								< 1					
1,3-Dichloropropane	2024-02	ug/L								< 1					
1,3-Dichloropropane	2024-04	ug/L													< 1
1,3-Dichloropropane	2024-05	ug/L				< 1									
1,3-Dichloropropane	2024-10	ug/L			< 1				< 1						
1,3-Dinitrobenzene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
1,3-Dinitrobenzene	2009-07	ug/L							< 10.0						
1,3-Dinitrobenzene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
1,3-Dinitrobenzene	2011-06	ug/L											< 10.0		
1,3-Dinitrobenzene	2012-04	ug/L											< 10.0		
1,3-Dinitrobenzene	2012-06	ug/L													
1,3-Dinitrobenzene	2013-10	ug/L													
1,3-Dinitrobenzene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
1,3-Dinitrobenzene	2015-10	ug/L													
1,3-Dinitrobenzene	2016-01	ug/L													
1,3-Dinitrobenzene	2016-04	ug/L													< 10.3
1,3-Dinitrobenzene	2017-03	ug/L											< 10.1		
1,3-Dinitrobenzene	2018-03	ug/L													
1,3-Dinitrobenzene	2018-06	ug/L													
1,3-Dinitrobenzene	2018-09	ug/L													
1,3-Dinitrobenzene	2018-11	ug/L													
1,3-Dinitrobenzene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
1,3-Dinitrobenzene	2019-07	ug/L													
1,3-Dinitrobenzene	2021-05	ug/L													< 10.9
1,3-Dinitrobenzene	2022-04	ug/L											< 10		
1,3-Dinitrobenzene	2023-05	ug/L								< 10.4					
1,3-Dinitrobenzene	2023-08	ug/L								< 12.8					
1,3-Dinitrobenzene	2023-11	ug/L								< 10.2					
1,3-Dinitrobenzene	2024-02	ug/L								< 9.26					
1,3-Dinitrobenzene	2024-04	ug/L													< 10
1,3-Dinitrobenzene	2024-05	ug/L				< 10									
1,3-Dinitrobenzene	2024-10	ug/L			< 10.4				< 10.4						
1,4-Dichlorobenzene	2007-10	ug/L			< 1	**1.38**	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-Dichlorobenzene	2008-01	ug/L			< 1	**2.07**	< 1	**2.11**	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-Dichlorobenzene	2008-04	ug/L			< 1	**7.12**	< 1	**1.07**	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-Dichlorobenzene	2008-07	ug/L			< 1	**5.55**	< 1	**3.02**	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-Dichlorobenzene	2008-10	ug/L			< 1	**3.51**	< 1	**2.6**	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-Dichlorobenzene	2009-04	ug/L			< 1.00	**2.53**	**0.300 J**	**0.980 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,4-Dichlorobenzene	2009-07	ug/L							< 1.00			< 1.00			
1,4-Dichlorobenzene	2009-10	ug/L			< 1.00	**3.58**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	

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1,3-Dichloropropane	2016-01	ug/L									< 1	< 1			
1,3-Dichloropropane	2016-04	ug/L		< 1	< 1						< 1	< 1	< 1		
1,3-Dichloropropane	2017-03	ug/L	< 1			< 1									
1,3-Dichloropropane	2018-03	ug/L									< 1				
1,3-Dichloropropane	2018-06	ug/L									< 1				
1,3-Dichloropropane	2018-09	ug/L					< 1		< 1						
1,3-Dichloropropane	2018-11	ug/L							< 1						
1,3-Dichloropropane	2019-04	ug/L										< 1			
1,3-Dichloropropane	2019-07	ug/L										< 1			
1,3-Dichloropropane	2021-05	ug/L	< 1	< 1	< 1	< 1							< 1		
1,3-Dichloropropane	2022-04	ug/L													
1,3-Dichloropropane	2023-05	ug/L								< 1					
1,3-Dichloropropane	2023-08	ug/L								< 1					
1,3-Dichloropropane	2023-11	ug/L							< 1	< 1	< 1				
1,3-Dichloropropane	2024-02	ug/L								< 1					
1,3-Dichloropropane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1						< 1		
1,3-Dichloropropane	2024-05	ug/L													
1,3-Dichloropropane	2024-10	ug/L													
1,3-Dinitrobenzene	2009-04	ug/L													
1,3-Dinitrobenzene	2009-07	ug/L													
1,3-Dinitrobenzene	2010-04	ug/L													
1,3-Dinitrobenzene	2011-06	ug/L													
1,3-Dinitrobenzene	2012-04	ug/L													
1,3-Dinitrobenzene	2012-06	ug/L					< 10.0		< 10.0						
1,3-Dinitrobenzene	2013-10	ug/L					< 10.3		< 10.3						
1,3-Dinitrobenzene	2014-03	ug/L													
1,3-Dinitrobenzene	2015-10	ug/L									< 10				
1,3-Dinitrobenzene	2016-01	ug/L									< 10.2	< 10			
1,3-Dinitrobenzene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
1,3-Dinitrobenzene	2017-03	ug/L	< 10.4			< 10.4									
1,3-Dinitrobenzene	2018-03	ug/L									< 10				
1,3-Dinitrobenzene	2018-06	ug/L									< 10.8				
1,3-Dinitrobenzene	2018-09	ug/L					< 10.9		< 54.3						
1,3-Dinitrobenzene	2018-11	ug/L							< 10.9						
1,3-Dinitrobenzene	2019-04	ug/L										< 11.1			
1,3-Dinitrobenzene	2019-07	ug/L										< 10.8			
1,3-Dinitrobenzene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
1,3-Dinitrobenzene	2022-04	ug/L													
1,3-Dinitrobenzene	2023-05	ug/L								< 11.4					
1,3-Dinitrobenzene	2023-08	ug/L								< 11.6					
1,3-Dinitrobenzene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
1,3-Dinitrobenzene	2024-02	ug/L								< 10					
1,3-Dinitrobenzene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
1,3-Dinitrobenzene	2024-05	ug/L													
1,3-Dinitrobenzene	2024-10	ug/L													
1,4-Dichlorobenzene	2007-10	ug/L													
1,4-Dichlorobenzene	2008-01	ug/L													
1,4-Dichlorobenzene	2008-04	ug/L													
1,4-Dichlorobenzene	2008-07	ug/L													
1,4-Dichlorobenzene	2008-10	ug/L													
1,4-Dichlorobenzene	2009-04	ug/L													
1,4-Dichlorobenzene	2009-07	ug/L													
1,4-Dichlorobenzene	2009-10	ug/L													

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1,4-Dichlorobenzene	2009-12	ug/L							< 1.00			< 1.00			
1,4-Dichlorobenzene	2010-02	ug/L										< 1.00			
1,4-Dichlorobenzene	2010-04	ug/L			< 1.00	**2.56**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
1,4-Dichlorobenzene	2010-06	ug/L										< 1.00			< 1.00
1,4-Dichlorobenzene	2010-08	ug/L													< 1.00
1,4-Dichlorobenzene	2010-10	ug/L			< 1.00	**4.21**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2010-12	ug/L													< 4.00
1,4-Dichlorobenzene	2011-02	ug/L													< 1.00
1,4-Dichlorobenzene	2011-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
1,4-Dichlorobenzene	2011-06	ug/L											< 1.00		< 1.00
1,4-Dichlorobenzene	2011-10	ug/L			< 1.00	**5.74**	< 1.00	**0.970 J**	**0.680 J**	< 1.00	< 1.00 J	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2011-12	ug/L	< 1.00												< 1.00
1,4-Dichlorobenzene	2012-02	ug/L	< 1.00												
1,4-Dichlorobenzene	2012-04	ug/L	< 1.00		< 1.00	**2.63**	< 1.00	**0.410 J**	**0.780 J**	< 1.00	**0.260 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2012-06	ug/L	< 1.00												
1,4-Dichlorobenzene	2012-08	ug/L	< 1.00												
1,4-Dichlorobenzene	2012-10	ug/L	< 1.00		< 1.00	**5.15**	**0.310 J**	**2.18**	**1.15**	< 1.00	**0.350 J**	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2013-01	ug/L													
1,4-Dichlorobenzene	2013-04	ug/L	< 1.00		< 1.00	**1.42**	< 1.00	< 1.00	**0.728 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2013-06	ug/L													
1,4-Dichlorobenzene	2013-08	ug/L													
1,4-Dichlorobenzene	2013-10	ug/L	< 1.00		< 1.00	**2.23**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2013-12	ug/L													
1,4-Dichlorobenzene	2014-03	ug/L	< 1.00		< 1.00	**2.84**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2014-09	ug/L	< 1.00		< 1.00	**1.16**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2015-05	ug/L	< 1		< 1	**0.727 J**	< 1	< 1	**0.252 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2015-10	ug/L	< 1		< 1	**0.733 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2016-01	ug/L													
1,4-Dichlorobenzene	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2016-07	ug/L		< 1											
1,4-Dichlorobenzene	2016-09	ug/L		< 1	< 1	**1.48**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2016-12	ug/L		< 1											
1,4-Dichlorobenzene	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2017-08	ug/L	< 1	< 1	< 1	**3.78**	< 1	< 1	**0.322 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2017-11	ug/L													
1,4-Dichlorobenzene	2018-03	ug/L	< 1	< 1	< 1	**5.18**	< 1	< 1	**0.501 J**	< 1	**0.709 J**	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2018-06	ug/L													
1,4-Dichlorobenzene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2018-11	ug/L													
1,4-Dichlorobenzene	2019-04	ug/L	< 1	< 1	< 1	**3.37**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
1,4-Dichlorobenzene	2019-05	ug/L		< 1											
1,4-Dichlorobenzene	2019-07	ug/L													
1,4-Dichlorobenzene	2019-10	ug/L	< 1	< 1	< 1	**4.73**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2020-04	ug/L		< 1	< 1	**3.82**	< 1	< 1	**0.311 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2020-10	ug/L	< 1	< 1	< 1	**4.25**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2021-05	ug/L	< 1	< 1	< 1	**5.82**	< 1	< 1	**0.464 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2021-10	ug/L		< 1	< 1	**5.84**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2022-04	ug/L		< 1		**4**						< 1	< 1		< 1
1,4-Dichlorobenzene	2022-10	ug/L	< 1	< 1	< 1	**2.99**	**0.26 J**	< 1	**0.527 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2023-05	ug/L	< 1	< 1		**1.47**				< 1		< 1	< 1		< 1
1,4-Dichlorobenzene	2023-08	ug/L								< 1					
1,4-Dichlorobenzene	2023-11	ug/L		< 1	< 1	**1.56**	< 1	< 1	**0.54 J**	< 1	**0.239 J**	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2024-02	ug/L								< 1					

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1,4-Dichlorobenzene	2009-12	ug/L													
1,4-Dichlorobenzene	2010-02	ug/L													
1,4-Dichlorobenzene	2010-04	ug/L													
1,4-Dichlorobenzene	2010-06	ug/L													
1,4-Dichlorobenzene	2010-08	ug/L													
1,4-Dichlorobenzene	2010-10	ug/L													
1,4-Dichlorobenzene	2010-12	ug/L													
1,4-Dichlorobenzene	2011-02	ug/L													
1,4-Dichlorobenzene	2011-04	ug/L													
1,4-Dichlorobenzene	2011-06	ug/L													
1,4-Dichlorobenzene	2011-10	ug/L													
1,4-Dichlorobenzene	2011-12	ug/L													
1,4-Dichlorobenzene	2012-02	ug/L					< 1.00		**1.08**	< 1.00	< 1.00	< 1.00	< 1.00		
1,4-Dichlorobenzene	2012-04	ug/L					< 1.00		**0.840 J**	< 1.00	< 1.00	< 1.00	< 1.00		
1,4-Dichlorobenzene	2012-06	ug/L					< 1.00		**0.980 J**	< 1.00	< 1.00	< 1.00	< 1.00		
1,4-Dichlorobenzene	2012-08	ug/L					< 1.00 J		**0.910 J**	< 1.00	< 1.00	< 1.00	< 1.00 J		
1,4-Dichlorobenzene	2012-10	ug/L		< 1.00	< 1.00		**0.320 J**		**1.48**	< 1.00	< 1.00	< 1.00	< 1.00		
1,4-Dichlorobenzene	2013-01	ug/L		< 1.00	< 1.00										
1,4-Dichlorobenzene	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	**0.233 J**		
1,4-Dichlorobenzene	2013-06	ug/L		< 1.00	< 1.00										
1,4-Dichlorobenzene	2013-08	ug/L		< 1.00	< 1.00										
1,4-Dichlorobenzene	2013-10	ug/L		< 1.00	< 1.00		< 1.00		**1.00**	< 1.00	< 1.00	< 1.00	< 1.00		
1,4-Dichlorobenzene	2013-12	ug/L		< 1.00	< 1.00										
1,4-Dichlorobenzene	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,4-Dichlorobenzene	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
1,4-Dichlorobenzene	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
1,4-Dichlorobenzene	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2016-01	ug/L									< 1	< 1		< 1	< 1
1,4-Dichlorobenzene	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2016-07	ug/L												< 1	< 1
1,4-Dichlorobenzene	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2016-12	ug/L													
1,4-Dichlorobenzene	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.542 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2017-11	ug/L						< 1							
1,4-Dichlorobenzene	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.241 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2018-06	ug/L						< 1			< 1				
1,4-Dichlorobenzene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.379 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2018-11	ug/L							**0.405 J**						
1,4-Dichlorobenzene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
1,4-Dichlorobenzene	2019-05	ug/L													
1,4-Dichlorobenzene	2019-07	ug/L										< 1			
1,4-Dichlorobenzene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.487 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.264 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.388 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.439 J**	< 1	< 1	< 1	< 1	**0.278 J**	< 1
1,4-Dichlorobenzene	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,4-Dichlorobenzene	2022-10	ug/L	< 1	< 1	< 1	< 1	**0.276 J**	< 1	**0.383 J**	< 1	< 1	< 1	< 1	**0.243 J**	< 1
1,4-Dichlorobenzene	2023-05	ug/L	< 1	< 1	< 1	< 1	**0.304 J**			< 1		< 1	< 1		
1,4-Dichlorobenzene	2023-08	ug/L								< 1					
1,4-Dichlorobenzene	2023-11	ug/L	< 1	< 1	< 1	< 1	**0.313 J**	< 1	**0.438 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2024-02	ug/L								< 1					

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1,4-Dichlorobenzene	2024-04	ug/L		< 1									< 1		< 1
1,4-Dichlorobenzene	2024-05	ug/L				**0.769 J**						< 1			
1,4-Dichlorobenzene	2024-09	ug/L													
1,4-Dichlorobenzene	2024-10	ug/L	< 1	< 1	< 1	**0.838 J**	< 1	< 1	**0.487 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
1,4-Dichlorobenzene	2025-10	ug/L		< 1	< 1	**0.528 J**	< 1	< 1	**0.339 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Naphthoquinone	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
1,4-Naphthoquinone	2009-07	ug/L							< 10.0						
1,4-Naphthoquinone	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
1,4-Naphthoquinone	2011-06	ug/L											< 10.0		
1,4-Naphthoquinone	2012-04	ug/L											< 10.0		
1,4-Naphthoquinone	2012-06	ug/L													
1,4-Naphthoquinone	2013-10	ug/L													
1,4-Naphthoquinone	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
1,4-Naphthoquinone	2015-10	ug/L													
1,4-Naphthoquinone	2016-01	ug/L													
1,4-Naphthoquinone	2016-04	ug/L													< 10.3
1,4-Naphthoquinone	2017-03	ug/L											< 10.1		
1,4-Naphthoquinone	2018-03	ug/L													
1,4-Naphthoquinone	2018-06	ug/L													
1,4-Naphthoquinone	2018-09	ug/L													
1,4-Naphthoquinone	2018-11	ug/L													
1,4-Naphthoquinone	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
1,4-Naphthoquinone	2019-07	ug/L													
1,4-Naphthoquinone	2021-05	ug/L													< 10.9
1,4-Naphthoquinone	2022-04	ug/L											< 10		
1,4-Naphthoquinone	2023-05	ug/L								< 10.4					
1,4-Naphthoquinone	2023-08	ug/L								< 12.8					
1,4-Naphthoquinone	2023-11	ug/L								< 10.2					
1,4-Naphthoquinone	2024-02	ug/L								< 9.26 R					
1,4-Naphthoquinone	2024-04	ug/L													< 10
1,4-Naphthoquinone	2024-05	ug/L				< 10									
1,4-Naphthoquinone	2024-10	ug/L			< 10.4				< 10.4						
1-Naphthylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
1-Naphthylamine	2009-07	ug/L							< 10.0						
1-Naphthylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
1-Naphthylamine	2011-06	ug/L											< 10.0		
1-Naphthylamine	2012-04	ug/L											< 10.0		
1-Naphthylamine	2012-06	ug/L													
1-Naphthylamine	2013-10	ug/L													
1-Naphthylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
1-Naphthylamine	2015-10	ug/L													
1-Naphthylamine	2016-01	ug/L													
1-Naphthylamine	2016-04	ug/L													< 10.3
1-Naphthylamine	2017-03	ug/L											< 10.1		
1-Naphthylamine	2018-03	ug/L													
1-Naphthylamine	2018-06	ug/L													
1-Naphthylamine	2018-09	ug/L													
1-Naphthylamine	2018-11	ug/L													
1-Naphthylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
1-Naphthylamine	2019-07	ug/L													
1-Naphthylamine	2021-05	ug/L													< 10.9
1-Naphthylamine	2022-04	ug/L											< 10		

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1,4-Dichlorobenzene	2024-04	ug/L	< 1	< 1	< 1	< 1	**0.374 J**					< 1	< 1		
1,4-Dichlorobenzene	2024-05	ug/L													
1,4-Dichlorobenzene	2024-09	ug/L		< 1	< 1	< 1							< 1		
1,4-Dichlorobenzene	2024-10	ug/L	< 1				**0.34 J**	< 1	**0.292 J**	< 1	< 1	< 1		< 1	< 1
1,4-Dichlorobenzene	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
1,4-Dichlorobenzene	2025-10	ug/L	< 1	< 1	< 1	< 1	**0.356 J**	< 1	**0.319 J**	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Naphthoquinone	2009-04	ug/L													
1,4-Naphthoquinone	2009-07	ug/L													
1,4-Naphthoquinone	2010-04	ug/L													
1,4-Naphthoquinone	2011-06	ug/L													
1,4-Naphthoquinone	2012-04	ug/L													
1,4-Naphthoquinone	2012-06	ug/L					< 10.0		< 10.0						
1,4-Naphthoquinone	2013-10	ug/L					< 10.3		< 10.3						
1,4-Naphthoquinone	2014-03	ug/L													
1,4-Naphthoquinone	2015-10	ug/L									< 10				
1,4-Naphthoquinone	2016-01	ug/L									< 10.2	< 10			
1,4-Naphthoquinone	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
1,4-Naphthoquinone	2017-03	ug/L	< 10.4			< 10.4									
1,4-Naphthoquinone	2018-03	ug/L									< 10				
1,4-Naphthoquinone	2018-06	ug/L									< 10.8				
1,4-Naphthoquinone	2018-09	ug/L					< 10.9		< 54.3						
1,4-Naphthoquinone	2018-11	ug/L							< 10.9						
1,4-Naphthoquinone	2019-04	ug/L										< 11.1			
1,4-Naphthoquinone	2019-07	ug/L										< 10.8			
1,4-Naphthoquinone	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
1,4-Naphthoquinone	2022-04	ug/L													
1,4-Naphthoquinone	2023-05	ug/L								< 11.4					
1,4-Naphthoquinone	2023-08	ug/L								< 23.3					
1,4-Naphthoquinone	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
1,4-Naphthoquinone	2024-02	ug/L								< 10					
1,4-Naphthoquinone	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
1,4-Naphthoquinone	2024-05	ug/L													
1,4-Naphthoquinone	2024-10	ug/L													
1-Naphthylamine	2009-04	ug/L													
1-Naphthylamine	2009-07	ug/L													
1-Naphthylamine	2010-04	ug/L													
1-Naphthylamine	2011-06	ug/L													
1-Naphthylamine	2012-04	ug/L													
1-Naphthylamine	2012-06	ug/L					< 10.0		< 10.0						
1-Naphthylamine	2013-10	ug/L					< 10.3		< 10.3						
1-Naphthylamine	2014-03	ug/L													
1-Naphthylamine	2015-10	ug/L									< 10				
1-Naphthylamine	2016-01	ug/L									< 10.2	< 10			
1-Naphthylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
1-Naphthylamine	2017-03	ug/L	< 10.4			< 10.4									
1-Naphthylamine	2018-03	ug/L									< 10				
1-Naphthylamine	2018-06	ug/L									< 10.8				
1-Naphthylamine	2018-09	ug/L					< 10.9		< 54.3						
1-Naphthylamine	2018-11	ug/L							< 10.9						
1-Naphthylamine	2019-04	ug/L										< 11.1			
1-Naphthylamine	2019-07	ug/L										< 10.8			
1-Naphthylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
1-Naphthylamine	2022-04	ug/L													

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1-Naphthylamine	2023-05	ug/L								< 10.4					
1-Naphthylamine	2023-08	ug/L								< 12.8					
1-Naphthylamine	2023-11	ug/L								~~< 10.2 R~~					
1-Naphthylamine	2024-02	ug/L								< 9.26					
1-Naphthylamine	2024-04	ug/L													< 10
1-Naphthylamine	2024-05	ug/L				< 10									
1-Naphthylamine	2024-10	ug/L			< 10.4				< 10.4						
2,2-Dichloropropane	2009-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00			< 4.00				
2,2-Dichloropropane	2009-07	ug/L							< 4.00						
2,2-Dichloropropane	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		< 4.00				
2,2-Dichloropropane	2011-06	ug/L											< 4.00		
2,2-Dichloropropane	2012-04	ug/L											< 4.00		
2,2-Dichloropropane	2012-06	ug/L													
2,2-Dichloropropane	2013-10	ug/L													
2,2-Dichloropropane	2014-03	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		< 4.00				
2,2-Dichloropropane	2015-10	ug/L													
2,2-Dichloropropane	2016-01	ug/L													
2,2-Dichloropropane	2016-04	ug/L													< 4
2,2-Dichloropropane	2017-03	ug/L											< 4		
2,2-Dichloropropane	2018-03	ug/L													
2,2-Dichloropropane	2018-06	ug/L													
2,2-Dichloropropane	2018-09	ug/L													
2,2-Dichloropropane	2018-11	ug/L													
2,2-Dichloropropane	2019-04	ug/L			< 4	< 4			< 4						
2,2-Dichloropropane	2019-07	ug/L													
2,2-Dichloropropane	2021-05	ug/L													< 4
2,2-Dichloropropane	2022-04	ug/L											< 4		
2,2-Dichloropropane	2023-05	ug/L								< 4					
2,2-Dichloropropane	2023-08	ug/L								< 4					
2,2-Dichloropropane	2023-11	ug/L								< 4					
2,2-Dichloropropane	2024-02	ug/L								< 4					
2,2-Dichloropropane	2024-04	ug/L													< 4
2,2-Dichloropropane	2024-05	ug/L				< 4									
2,2-Dichloropropane	2024-10	ug/L			< 4				< 4						
2,2'-oxybis(1-Chloropropane)	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,2'-oxybis(1-Chloropropane)	2009-07	ug/L							< 10.0						
2,2'-oxybis(1-Chloropropane)	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,2'-oxybis(1-Chloropropane)	2011-06	ug/L											< 10.0		
2,2'-oxybis(1-Chloropropane)	2012-04	ug/L											< 10.0		
2,2'-oxybis(1-Chloropropane)	2012-06	ug/L													
2,2'-oxybis(1-Chloropropane)	2013-10	ug/L													
2,2'-oxybis(1-Chloropropane)	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2,2'-oxybis(1-Chloropropane)	2015-10	ug/L													
2,2'-oxybis(1-Chloropropane)	2016-01	ug/L													
2,2'-oxybis(1-Chloropropane)	2016-04	ug/L													< 10.3
2,2'-oxybis(1-Chloropropane)	2017-03	ug/L											< 10.1		
2,2'-oxybis(1-Chloropropane)	2018-03	ug/L													
2,2'-oxybis(1-Chloropropane)	2018-06	ug/L													
2,2'-oxybis(1-Chloropropane)	2018-09	ug/L													
2,2'-oxybis(1-Chloropropane)	2018-11	ug/L													
2,2'-oxybis(1-Chloropropane)	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,2'-oxybis(1-Chloropropane)	2019-07	ug/L													
2,2'-oxybis(1-Chloropropane)	2021-05	ug/L													< 10.9

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1-Naphthylamine	2023-05	ug/L								< 11.4					
1-Naphthylamine	2023-08	ug/L								< 11.6					
1-Naphthylamine	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
1-Naphthylamine	2024-02	ug/L								< 10					
1-Naphthylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
1-Naphthylamine	2024-05	ug/L													
1-Naphthylamine	2024-10	ug/L													
2,2-Dichloropropane	2009-04	ug/L													
2,2-Dichloropropane	2009-07	ug/L													
2,2-Dichloropropane	2010-04	ug/L													
2,2-Dichloropropane	2011-06	ug/L													
2,2-Dichloropropane	2012-04	ug/L													
2,2-Dichloropropane	2012-06	ug/L					< 4.00		< 4.00						
2,2-Dichloropropane	2013-10	ug/L					< 4.00		< 4.00						
2,2-Dichloropropane	2014-03	ug/L													
2,2-Dichloropropane	2015-10	ug/L									< 4				
2,2-Dichloropropane	2016-01	ug/L									< 4	< 4			
2,2-Dichloropropane	2016-04	ug/L		< 4	< 4						< 4	< 4	< 4		
2,2-Dichloropropane	2017-03	ug/L	< 4			< 4									
2,2-Dichloropropane	2018-03	ug/L									< 4				
2,2-Dichloropropane	2018-06	ug/L									< 4				
2,2-Dichloropropane	2018-09	ug/L					< 4		< 4						
2,2-Dichloropropane	2018-11	ug/L							< 4						
2,2-Dichloropropane	2019-04	ug/L										< 4			
2,2-Dichloropropane	2019-07	ug/L										< 4			
2,2-Dichloropropane	2021-05	ug/L	< 4	< 4	< 4	< 4							< 4		
2,2-Dichloropropane	2022-04	ug/L													
2,2-Dichloropropane	2023-05	ug/L								< 4					
2,2-Dichloropropane	2023-08	ug/L								< 4					
2,2-Dichloropropane	2023-11	ug/L							< 4	< 4	< 4				
2,2-Dichloropropane	2024-02	ug/L								< 4					
2,2-Dichloropropane	2024-04	ug/L	< 4	< 4	< 4	< 4	< 4						< 4		
2,2-Dichloropropane	2024-05	ug/L													
2,2-Dichloropropane	2024-10	ug/L													
2,2'-oxybis(1-Chloropropane)	2009-04	ug/L													
2,2'-oxybis(1-Chloropropane)	2009-07	ug/L													
2,2'-oxybis(1-Chloropropane)	2010-04	ug/L													
2,2'-oxybis(1-Chloropropane)	2011-06	ug/L													
2,2'-oxybis(1-Chloropropane)	2012-04	ug/L													
2,2'-oxybis(1-Chloropropane)	2012-06	ug/L					< 10.0		< 10.0						
2,2'-oxybis(1-Chloropropane)	2013-10	ug/L					< 10.3		< 10.3						
2,2'-oxybis(1-Chloropropane)	2014-03	ug/L													
2,2'-oxybis(1-Chloropropane)	2015-10	ug/L									< 10				
2,2'-oxybis(1-Chloropropane)	2016-01	ug/L									< 10.2	< 10			
2,2'-oxybis(1-Chloropropane)	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2,2'-oxybis(1-Chloropropane)	2017-03	ug/L	< 10.4			< 10.4									
2,2'-oxybis(1-Chloropropane)	2018-03	ug/L									< 10				
2,2'-oxybis(1-Chloropropane)	2018-06	ug/L									< 10.8				
2,2'-oxybis(1-Chloropropane)	2018-09	ug/L					< 10.9		< 54.3						
2,2'-oxybis(1-Chloropropane)	2018-11	ug/L							< 10.9						
2,2'-oxybis(1-Chloropropane)	2019-04	ug/L										< 11.1			
2,2'-oxybis(1-Chloropropane)	2019-07	ug/L										< 10.8			
2,2'-oxybis(1-Chloropropane)	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
2,2'-oxybis(1-Chloropropane)	2022-04	ug/L											< 10		
2,2'-oxybis(1-Chloropropane)	2023-05	ug/L								< 10.4					
2,2'-oxybis(1-Chloropropane)	2023-08	ug/L								< 12.8					
2,2'-oxybis(1-Chloropropane)	2023-11	ug/L								< 10.2					
2,2'-oxybis(1-Chloropropane)	2024-02	ug/L								< 9.26					
2,2'-oxybis(1-Chloropropane)	2024-04	ug/L													< 10
2,2'-oxybis(1-Chloropropane)	2024-05	ug/L				< 10									
2,2'-oxybis(1-Chloropropane)	2024-10	ug/L			< 10.4				< 10.4						
2,3,4,6-Tetrachlorophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,3,4,6-Tetrachlorophenol	2009-07	ug/L							< 10.0						
2,3,4,6-Tetrachlorophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,3,4,6-Tetrachlorophenol	2011-06	ug/L											< 10.0		
2,3,4,6-Tetrachlorophenol	2012-04	ug/L											< 10.0		
2,3,4,6-Tetrachlorophenol	2012-06	ug/L													
2,3,4,6-Tetrachlorophenol	2013-10	ug/L													
2,3,4,6-Tetrachlorophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2,3,4,6-Tetrachlorophenol	2015-10	ug/L													
2,3,4,6-Tetrachlorophenol	2016-01	ug/L													
2,3,4,6-Tetrachlorophenol	2016-04	ug/L													< 10.3
2,3,4,6-Tetrachlorophenol	2017-03	ug/L											< 10.1		
2,3,4,6-Tetrachlorophenol	2018-03	ug/L													
2,3,4,6-Tetrachlorophenol	2018-06	ug/L													
2,3,4,6-Tetrachlorophenol	2018-09	ug/L													
2,3,4,6-Tetrachlorophenol	2018-11	ug/L													
2,3,4,6-Tetrachlorophenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,3,4,6-Tetrachlorophenol	2019-07	ug/L													
2,3,4,6-Tetrachlorophenol	2021-05	ug/L													< 10.9
2,3,4,6-Tetrachlorophenol	2022-04	ug/L											< 10		
2,3,4,6-Tetrachlorophenol	2023-05	ug/L								< 10.4					
2,3,4,6-Tetrachlorophenol	2023-08	ug/L								< 12.8					
2,3,4,6-Tetrachlorophenol	2023-11	ug/L								< 10.2					
2,3,4,6-Tetrachlorophenol	2024-02	ug/L								< 9.26					
2,3,4,6-Tetrachlorophenol	2024-04	ug/L													< 10
2,3,4,6-Tetrachlorophenol	2024-05	ug/L				< 10									
2,3,4,6-Tetrachlorophenol	2024-10	ug/L			< 10.4				< 10.4						
2,4,5-T	2009-04	ug/L			< 0.20	< 0.20	< 0.20	< 0.22			< 0.22				
2,4,5-T	2009-07	ug/L							< 0.21						
2,4,5-T	2010-04	ug/L			< 0.50	< 0.51	< 0.51	< 0.52	< 0.52		< 0.50				
2,4,5-T	2011-06	ug/L											< 0.52		
2,4,5-T	2012-04	ug/L											< 1.0		
2,4,5-T	2012-06	ug/L													
2,4,5-T	2013-10	ug/L													
2,4,5-T	2014-03	ug/L			< 1.05	< 1.11	< 1.17	< 1.14	< 1.16		< 1.13				
2,4,5-T	2015-10	ug/L													
2,4,5-T	2016-01	ug/L													
2,4,5-T	2016-04	ug/L													< 1.05
2,4,5-T	2017-03	ug/L											< 1.06		
2,4,5-T	2018-03	ug/L													
2,4,5-T	2018-06	ug/L													
2,4,5-T	2018-09	ug/L													
2,4,5-T	2018-11	ug/L													
2,4,5-T	2019-04	ug/L			< 1.19	< 1.17			< 1.16						
2,4,5-T	2019-07	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
2,2'-oxybis(1-Chloropropane)	2022-04	ug/L													
2,2'-oxybis(1-Chloropropane)	2023-05	ug/L								< 11.4					
2,2'-oxybis(1-Chloropropane)	2023-08	ug/L								< 11.6					
2,2'-oxybis(1-Chloropropane)	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,2'-oxybis(1-Chloropropane)	2024-02	ug/L								< 10					
2,2'-oxybis(1-Chloropropane)	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,2'-oxybis(1-Chloropropane)	2024-05	ug/L													
2,2'-oxybis(1-Chloropropane)	2024-10	ug/L													
2,3,4,6-Tetrachlorophenol	2009-04	ug/L													
2,3,4,6-Tetrachlorophenol	2009-07	ug/L													
2,3,4,6-Tetrachlorophenol	2010-04	ug/L													
2,3,4,6-Tetrachlorophenol	2011-06	ug/L													
2,3,4,6-Tetrachlorophenol	2012-04	ug/L													
2,3,4,6-Tetrachlorophenol	2012-06	ug/L					< 10.0		< 10.0						
2,3,4,6-Tetrachlorophenol	2013-10	ug/L					< 10.3		< 10.3						
2,3,4,6-Tetrachlorophenol	2014-03	ug/L													
2,3,4,6-Tetrachlorophenol	2015-10	ug/L									< 10				
2,3,4,6-Tetrachlorophenol	2016-01	ug/L									< 10.2	< 10			
2,3,4,6-Tetrachlorophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2,3,4,6-Tetrachlorophenol	2017-03	ug/L	< 10.4			< 10.4									
2,3,4,6-Tetrachlorophenol	2018-03	ug/L									< 10				
2,3,4,6-Tetrachlorophenol	2018-06	ug/L									< 10.8				
2,3,4,6-Tetrachlorophenol	2018-09	ug/L					< 10.9		< 54.3						
2,3,4,6-Tetrachlorophenol	2018-11	ug/L							< 10.9						
2,3,4,6-Tetrachlorophenol	2019-04	ug/L										< 11.1			
2,3,4,6-Tetrachlorophenol	2019-07	ug/L										< 10.8			
2,3,4,6-Tetrachlorophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2,3,4,6-Tetrachlorophenol	2022-04	ug/L													
2,3,4,6-Tetrachlorophenol	2023-05	ug/L								< 11.4					
2,3,4,6-Tetrachlorophenol	2023-08	ug/L								< 11.6					
2,3,4,6-Tetrachlorophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,3,4,6-Tetrachlorophenol	2024-02	ug/L								< 10					
2,3,4,6-Tetrachlorophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,3,4,6-Tetrachlorophenol	2024-05	ug/L													
2,3,4,6-Tetrachlorophenol	2024-10	ug/L													
2,4,5-T	2009-04	ug/L													
2,4,5-T	2009-07	ug/L													
2,4,5-T	2010-04	ug/L													
2,4,5-T	2011-06	ug/L													
2,4,5-T	2012-04	ug/L													
2,4,5-T	2012-06	ug/L					< 1.1		< 1.0						
2,4,5-T	2013-10	ug/L					< 1.04		< 1.07						
2,4,5-T	2014-03	ug/L													
2,4,5-T	2015-10	ug/L									< 1.05				
2,4,5-T	2016-01	ug/L									< 1.02	< 1.01			
2,4,5-T	2016-04	ug/L			< 1.03						< 1.04	< 1.03	< 1.03		
2,4,5-T	2017-03	ug/L	< 1.05			< 1.01									
2,4,5-T	2018-03	ug/L									< 1.01				
2,4,5-T	2018-06	ug/L									< 1.15				
2,4,5-T	2018-09	ug/L					< 1.15		< 1.13						
2,4,5-T	2018-11	ug/L							< 1.08						
2,4,5-T	2019-04	ug/L							< 1.24			< 1.09			
2,4,5-T	2019-07	ug/L										< 1.22			

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2,4,5-T	2021-05	ug/L													< 1.17
2,4,5-T	2022-04	ug/L											< 1		
2,4,5-T	2023-05	ug/L								**11.9**					
2,4,5-T	2023-08	ug/L								< 1.28					
2,4,5-T	2023-11	ug/L								< 0.85					
2,4,5-T	2024-02	ug/L								< 0.85					
2,4,5-T	2024-04	ug/L													< 0.91
2,4,5-T	2024-05	ug/L				< 0.882									
2,4,5-T	2024-09	ug/L													
2,4,5-T	2024-10	ug/L			< 0.167				< 0.162	< 0.321					< 0.223
2,4,5-T	2025-10	ug/L								< 0.996					< 0.985
2,4,5-TP (Silvex)	2009-04	ug/L			< 0.20	< 0.20	< 0.20	< 0.22			< 0.22				
2,4,5-TP (Silvex)	2009-07	ug/L							< 0.21						
2,4,5-TP (Silvex)	2010-04	ug/L			< 0.50	< 0.51	< 0.51	< 0.52	< 0.52		< 0.50				
2,4,5-TP (Silvex)	2011-06	ug/L											< 0.52		
2,4,5-TP (Silvex)	2012-04	ug/L											< 1.0		
2,4,5-TP (Silvex)	2012-06	ug/L													
2,4,5-TP (Silvex)	2013-10	ug/L													
2,4,5-TP (Silvex)	2014-03	ug/L			< 1.05	< 1.11	< 1.17	< 1.14	< 1.16		< 1.13				
2,4,5-TP (Silvex)	2015-10	ug/L													
2,4,5-TP (Silvex)	2016-01	ug/L													
2,4,5-TP (Silvex)	2016-04	ug/L													< 1.05
2,4,5-TP (Silvex)	2017-03	ug/L											< 1.06		
2,4,5-TP (Silvex)	2018-03	ug/L													
2,4,5-TP (Silvex)	2018-06	ug/L													
2,4,5-TP (Silvex)	2018-09	ug/L													
2,4,5-TP (Silvex)	2018-11	ug/L													
2,4,5-TP (Silvex)	2019-04	ug/L			< 1.19	< 1.17			< 1.16						
2,4,5-TP (Silvex)	2019-07	ug/L													
2,4,5-TP (Silvex)	2021-05	ug/L													< 1.17
2,4,5-TP (Silvex)	2022-04	ug/L											< 1		
2,4,5-TP (Silvex)	2023-05	ug/L								< 1.08					
2,4,5-TP (Silvex)	2023-08	ug/L								< 1.28					
2,4,5-TP (Silvex)	2023-11	ug/L								< 0.85					
2,4,5-TP (Silvex)	2024-02	ug/L								< 0.85					
2,4,5-TP (Silvex)	2024-04	ug/L													< 0.91
2,4,5-TP (Silvex)	2024-05	ug/L				< 0.882									
2,4,5-TP (Silvex)	2024-10	ug/L			< 0.0555				**0.117**						
2,4,5-TP (Silvex)	2025-10	ug/L							< 0.981						< 0.985
2,4,5-Trichlorophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,4,5-Trichlorophenol	2009-07	ug/L							< 10.0						
2,4,5-Trichlorophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,4,5-Trichlorophenol	2011-06	ug/L											< 10.0		
2,4,5-Trichlorophenol	2012-04	ug/L											< 10.0		
2,4,5-Trichlorophenol	2012-06	ug/L													
2,4,5-Trichlorophenol	2013-10	ug/L													
2,4,5-Trichlorophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2,4,5-Trichlorophenol	2015-10	ug/L													
2,4,5-Trichlorophenol	2016-01	ug/L													
2,4,5-Trichlorophenol	2016-04	ug/L													< 10.3
2,4,5-Trichlorophenol	2017-03	ug/L											< 10.1		
2,4,5-Trichlorophenol	2018-03	ug/L													
2,4,5-Trichlorophenol	2018-06	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
2,4,5-T	2021-05	ug/L	< 1.14	< 1.12	< 1.12	< 1.21							< 1.29		
2,4,5-T	2022-04	ug/L													
2,4,5-T	2023-05	ug/L								**1.44**					
2,4,5-T	2023-08	ug/L								< 0.975					
2,4,5-T	2023-11	ug/L							< 0.85	< 0.85	< 0.85				
2,4,5-T	2024-02	ug/L								< 0.817					
2,4,5-T	2024-04	ug/L	< 0.916	< 0.991	< 0.936	< 0.886	< 0.934						< 0.968		
2,4,5-T	2024-05	ug/L													
2,4,5-T	2024-09	ug/L		< 0.21	< 0.207	< 0.209							< 0.209		
2,4,5-T	2024-10	ug/L	< 0.243							< 0.307					
2,4,5-T	2025-10	ug/L	< 0.932	< 1.01	< 0.959	< 1.01				< 1.04			< 0.971		
2,4,5-TP (Silvex)	2009-04	ug/L													
2,4,5-TP (Silvex)	2009-07	ug/L													
2,4,5-TP (Silvex)	2010-04	ug/L													
2,4,5-TP (Silvex)	2011-06	ug/L													
2,4,5-TP (Silvex)	2012-04	ug/L													
2,4,5-TP (Silvex)	2012-06	ug/L					< 1.1		< 1.0						
2,4,5-TP (Silvex)	2013-10	ug/L					< 1.04		< 1.07						
2,4,5-TP (Silvex)	2014-03	ug/L													
2,4,5-TP (Silvex)	2015-10	ug/L									< 1.05				
2,4,5-TP (Silvex)	2016-01	ug/L									< 1.02	< 1.01			
2,4,5-TP (Silvex)	2016-04	ug/L			< 1.03						< 1.04	< 1.03	< 1.03		
2,4,5-TP (Silvex)	2017-03	ug/L	< 1.05			< 1.01									
2,4,5-TP (Silvex)	2018-03	ug/L									< 1.01				
2,4,5-TP (Silvex)	2018-06	ug/L									< 1.15				
2,4,5-TP (Silvex)	2018-09	ug/L					< 1.15		< 1.13						
2,4,5-TP (Silvex)	2018-11	ug/L							< 1.08						
2,4,5-TP (Silvex)	2019-04	ug/L							< 1.24			< 1.09			
2,4,5-TP (Silvex)	2019-07	ug/L										< 1.22			
2,4,5-TP (Silvex)	2021-05	ug/L	< 1.14	< 1.12	< 1.12	< 1.21							< 1.29		
2,4,5-TP (Silvex)	2022-04	ug/L													
2,4,5-TP (Silvex)	2023-05	ug/L								< 1					
2,4,5-TP (Silvex)	2023-08	ug/L								< 0.975					
2,4,5-TP (Silvex)	2023-11	ug/L							< 0.85	< 0.85	< 0.85				
2,4,5-TP (Silvex)	2024-02	ug/L								< 0.817					
2,4,5-TP (Silvex)	2024-04	ug/L	< 0.916	< 0.991	< 0.936	< 0.886	< 0.934						< 0.968		
2,4,5-TP (Silvex)	2024-05	ug/L													
2,4,5-TP (Silvex)	2024-10	ug/L													
2,4,5-TP (Silvex)	2025-10	ug/L	< 0.932	< 1.01	< 0.959	< 1.01							< 0.971		
2,4,5-Trichlorophenol	2009-04	ug/L													
2,4,5-Trichlorophenol	2009-07	ug/L													
2,4,5-Trichlorophenol	2010-04	ug/L													
2,4,5-Trichlorophenol	2011-06	ug/L													
2,4,5-Trichlorophenol	2012-04	ug/L													
2,4,5-Trichlorophenol	2012-06	ug/L					< 10.0		< 10.0						
2,4,5-Trichlorophenol	2013-10	ug/L					< 10.3		< 10.3						
2,4,5-Trichlorophenol	2014-03	ug/L													
2,4,5-Trichlorophenol	2015-10	ug/L									< 10				
2,4,5-Trichlorophenol	2016-01	ug/L									< 10.2	< 10			
2,4,5-Trichlorophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2,4,5-Trichlorophenol	2017-03	ug/L	< 10.4			< 10.4									
2,4,5-Trichlorophenol	2018-03	ug/L									< 10				
2,4,5-Trichlorophenol	2018-06	ug/L									< 10.8				

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2,4,5-Trichlorophenol	2018-09	ug/L													
2,4,5-Trichlorophenol	2018-11	ug/L													
2,4,5-Trichlorophenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,4,5-Trichlorophenol	2019-07	ug/L													
2,4,5-Trichlorophenol	2021-05	ug/L													< 10.9
2,4,5-Trichlorophenol	2022-04	ug/L											< 10		
2,4,5-Trichlorophenol	2023-05	ug/L								< 10.4					
2,4,5-Trichlorophenol	2023-08	ug/L								< 12.8					
2,4,5-Trichlorophenol	2023-11	ug/L								< 10.2					
2,4,5-Trichlorophenol	2024-02	ug/L								< 9.26					
2,4,5-Trichlorophenol	2024-04	ug/L													< 10
2,4,5-Trichlorophenol	2024-05	ug/L				< 10									
2,4,5-Trichlorophenol	2024-10	ug/L			< 10.4				< 10.4						
2,4,6-Trichlorophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,4,6-Trichlorophenol	2009-07	ug/L							< 10.0						
2,4,6-Trichlorophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,4,6-Trichlorophenol	2011-06	ug/L											< 10.0		
2,4,6-Trichlorophenol	2012-04	ug/L											< 10.0		
2,4,6-Trichlorophenol	2012-06	ug/L													
2,4,6-Trichlorophenol	2013-10	ug/L													
2,4,6-Trichlorophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2,4,6-Trichlorophenol	2015-10	ug/L													
2,4,6-Trichlorophenol	2016-01	ug/L													
2,4,6-Trichlorophenol	2016-04	ug/L													< 10.3
2,4,6-Trichlorophenol	2017-03	ug/L											< 10.1		
2,4,6-Trichlorophenol	2018-03	ug/L													
2,4,6-Trichlorophenol	2018-06	ug/L													
2,4,6-Trichlorophenol	2018-09	ug/L													
2,4,6-Trichlorophenol	2018-11	ug/L													
2,4,6-Trichlorophenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,4,6-Trichlorophenol	2019-07	ug/L													
2,4,6-Trichlorophenol	2021-05	ug/L													< 10.9
2,4,6-Trichlorophenol	2022-04	ug/L											< 10		
2,4,6-Trichlorophenol	2023-05	ug/L								< 10.4					
2,4,6-Trichlorophenol	2023-08	ug/L								< 12.8					
2,4,6-Trichlorophenol	2023-11	ug/L								< 10.2					
2,4,6-Trichlorophenol	2024-02	ug/L								< 9.26					
2,4,6-Trichlorophenol	2024-04	ug/L													< 10
2,4,6-Trichlorophenol	2024-05	ug/L				< 10									
2,4,6-Trichlorophenol	2024-10	ug/L			< 10.4				< 10.4						
2,4-D	2009-04	ug/L			< 1.0	< 1.0	< 1.0	< 1.1			< 1.1				
2,4-D	2009-07	ug/L							< 1.0						
2,4-D	2010-04	ug/L			< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0				
2,4-D	2011-06	ug/L											< 1.0		
2,4-D	2012-04	ug/L											< 1.0		
2,4-D	2012-06	ug/L													
2,4-D	2013-10	ug/L													
2,4-D	2014-03	ug/L			< 1.05	< 1.11	< 1.17	< 1.14	< 1.16		< 1.13				
2,4-D	2015-10	ug/L													
2,4-D	2016-01	ug/L													
2,4-D	2016-04	ug/L													< 1.05
2,4-D	2017-03	ug/L											< 1.06		
2,4-D	2018-03	ug/L													

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2,4,5-Trichlorophenol	2018-09	ug/L					< 10.9		< 54.3						
2,4,5-Trichlorophenol	2018-11	ug/L							< 10.9						
2,4,5-Trichlorophenol	2019-04	ug/L										< 11.1			
2,4,5-Trichlorophenol	2019-07	ug/L										< 10.8			
2,4,5-Trichlorophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2,4,5-Trichlorophenol	2022-04	ug/L													
2,4,5-Trichlorophenol	2023-05	ug/L								< 11.4					
2,4,5-Trichlorophenol	2023-08	ug/L								< 11.6					
2,4,5-Trichlorophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,4,5-Trichlorophenol	2024-02	ug/L								< 10					
2,4,5-Trichlorophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,4,5-Trichlorophenol	2024-05	ug/L													
2,4,5-Trichlorophenol	2024-10	ug/L													
2,4,6-Trichlorophenol	2009-04	ug/L													
2,4,6-Trichlorophenol	2009-07	ug/L													
2,4,6-Trichlorophenol	2010-04	ug/L													
2,4,6-Trichlorophenol	2011-06	ug/L													
2,4,6-Trichlorophenol	2012-04	ug/L													
2,4,6-Trichlorophenol	2012-06	ug/L					< 10.0		< 10.0						
2,4,6-Trichlorophenol	2013-10	ug/L					< 10.3		< 10.3						
2,4,6-Trichlorophenol	2014-03	ug/L													
2,4,6-Trichlorophenol	2015-10	ug/L									< 10				
2,4,6-Trichlorophenol	2016-01	ug/L									< 10.2	< 10			
2,4,6-Trichlorophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2,4,6-Trichlorophenol	2017-03	ug/L	< 10.4			< 10.4									
2,4,6-Trichlorophenol	2018-03	ug/L									< 10				
2,4,6-Trichlorophenol	2018-06	ug/L									< 10.8				
2,4,6-Trichlorophenol	2018-09	ug/L					< 10.9		< 54.3						
2,4,6-Trichlorophenol	2018-11	ug/L							< 10.9						
2,4,6-Trichlorophenol	2019-04	ug/L										< 11.1			
2,4,6-Trichlorophenol	2019-07	ug/L										< 10.8			
2,4,6-Trichlorophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2,4,6-Trichlorophenol	2022-04	ug/L													
2,4,6-Trichlorophenol	2023-05	ug/L								< 11.4					
2,4,6-Trichlorophenol	2023-08	ug/L								< 11.6					
2,4,6-Trichlorophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,4,6-Trichlorophenol	2024-02	ug/L								< 10					
2,4,6-Trichlorophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,4,6-Trichlorophenol	2024-05	ug/L													
2,4,6-Trichlorophenol	2024-10	ug/L													
2,4-D	2009-04	ug/L													
2,4-D	2009-07	ug/L													
2,4-D	2010-04	ug/L													
2,4-D	2011-06	ug/L													
2,4-D	2012-04	ug/L													
2,4-D	2012-06	ug/L					< 1.1		< 1.0						
2,4-D	2013-10	ug/L					< 1.04		< 1.07						
2,4-D	2014-03	ug/L													
2,4-D	2015-10	ug/L									< 1.05				
2,4-D	2016-01	ug/L									< 1.02	< 1.01			
2,4-D	2016-04	ug/L			< 1.03						< 1.04	< 1.03	< 1.03		
2,4-D	2017-03	ug/L	< 1.05			< 1.01									
2,4-D	2018-03	ug/L									< 1.01				

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2,4-D	2018-06	ug/L													
2,4-D	2018-09	ug/L													
2,4-D	2018-11	ug/L													
2,4-D	2019-04	ug/L			< 1.19	< 1.17			< 1.16						
2,4-D	2019-07	ug/L													
2,4-D	2021-05	ug/L													< 1.17
2,4-D	2022-04	ug/L											< 1		
2,4-D	2023-05	ug/L								< 1.08					
2,4-D	2023-08	ug/L								< 1.28					
2,4-D	2023-11	ug/L								< 1.1					
2,4-D	2024-02	ug/L								< 1.1					
2,4-D	2024-04	ug/L													< 1.18
2,4-D	2024-05	ug/L				< 1.14									
2,4-D	2024-10	ug/L			< 0.666				< 0.65						
2,4-Dichlorophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,4-Dichlorophenol	2009-07	ug/L							< 10.0						
2,4-Dichlorophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,4-Dichlorophenol	2011-06	ug/L											< 10.0		
2,4-Dichlorophenol	2012-04	ug/L											< 10.0		
2,4-Dichlorophenol	2012-06	ug/L													
2,4-Dichlorophenol	2013-10	ug/L													
2,4-Dichlorophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2,4-Dichlorophenol	2015-10	ug/L													
2,4-Dichlorophenol	2016-01	ug/L													
2,4-Dichlorophenol	2016-04	ug/L													< 10.3
2,4-Dichlorophenol	2017-03	ug/L											< 10.1		
2,4-Dichlorophenol	2018-03	ug/L													
2,4-Dichlorophenol	2018-06	ug/L													
2,4-Dichlorophenol	2018-09	ug/L													
2,4-Dichlorophenol	2018-11	ug/L													
2,4-Dichlorophenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,4-Dichlorophenol	2019-07	ug/L													
2,4-Dichlorophenol	2021-05	ug/L													< 10.9
2,4-Dichlorophenol	2022-04	ug/L											< 10		
2,4-Dichlorophenol	2023-05	ug/L								< 10.4					
2,4-Dichlorophenol	2023-08	ug/L								< 12.8					
2,4-Dichlorophenol	2023-11	ug/L								< 10.2					
2,4-Dichlorophenol	2024-02	ug/L								< 9.26					
2,4-Dichlorophenol	2024-04	ug/L													< 10
2,4-Dichlorophenol	2024-05	ug/L				< 10									
2,4-Dichlorophenol	2024-10	ug/L			< 10.4				< 10.4						
2,4-Dimethylphenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,4-Dimethylphenol	2009-07	ug/L							< 10.0						
2,4-Dimethylphenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,4-Dimethylphenol	2011-06	ug/L											< 10.0		
2,4-Dimethylphenol	2012-04	ug/L											< 10.0		
2,4-Dimethylphenol	2012-06	ug/L													
2,4-Dimethylphenol	2013-10	ug/L													
2,4-Dimethylphenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2,4-Dimethylphenol	2015-10	ug/L													
2,4-Dimethylphenol	2016-01	ug/L													
2,4-Dimethylphenol	2016-04	ug/L													< 10.3
2,4-Dimethylphenol	2017-03	ug/L											< 10.1		

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2,4-D	2018-06	ug/L									< 1.15				
2,4-D	2018-09	ug/L					< 1.15		< 1.13						
2,4-D	2018-11	ug/L							< 1.08						
2,4-D	2019-04	ug/L							< 1.24			< 1.09			
2,4-D	2019-07	ug/L										< 1.22			
2,4-D	2021-05	ug/L	< 1.14	< 1.12	< 1.12	< 1.21							< 1.29		
2,4-D	2022-04	ug/L													
2,4-D	2023-05	ug/L								< 1					
2,4-D	2023-08	ug/L								< 0.975					
2,4-D	2023-11	ug/L							< 1.1	< 1.1	< 1.1				
2,4-D	2024-02	ug/L								< 1.06					
2,4-D	2024-04	ug/L	< 1.19	< 1.28	< 1.21	< 1.15	< 1.21						< 1.25		
2,4-D	2024-05	ug/L													
2,4-D	2024-10	ug/L													
2,4-Dichlorophenol	2009-04	ug/L													
2,4-Dichlorophenol	2009-07	ug/L													
2,4-Dichlorophenol	2010-04	ug/L													
2,4-Dichlorophenol	2011-06	ug/L													
2,4-Dichlorophenol	2012-04	ug/L													
2,4-Dichlorophenol	2012-06	ug/L					< 10.0		< 10.0						
2,4-Dichlorophenol	2013-10	ug/L					< 10.3		< 10.3						
2,4-Dichlorophenol	2014-03	ug/L													
2,4-Dichlorophenol	2015-10	ug/L									< 10				
2,4-Dichlorophenol	2016-01	ug/L									< 10.2	< 10			
2,4-Dichlorophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2,4-Dichlorophenol	2017-03	ug/L	< 10.4			< 10.4									
2,4-Dichlorophenol	2018-03	ug/L									< 10				
2,4-Dichlorophenol	2018-06	ug/L									< 10.8				
2,4-Dichlorophenol	2018-09	ug/L					< 10.9		< 54.3						
2,4-Dichlorophenol	2018-11	ug/L							< 10.9						
2,4-Dichlorophenol	2019-04	ug/L										< 11.1			
2,4-Dichlorophenol	2019-07	ug/L										< 10.8			
2,4-Dichlorophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2,4-Dichlorophenol	2022-04	ug/L													
2,4-Dichlorophenol	2023-05	ug/L								< 11.4					
2,4-Dichlorophenol	2023-08	ug/L								< 11.6					
2,4-Dichlorophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,4-Dichlorophenol	2024-02	ug/L								< 10					
2,4-Dichlorophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,4-Dichlorophenol	2024-05	ug/L													
2,4-Dichlorophenol	2024-10	ug/L													
2,4-Dimethylphenol	2009-04	ug/L													
2,4-Dimethylphenol	2009-07	ug/L													
2,4-Dimethylphenol	2010-04	ug/L													
2,4-Dimethylphenol	2011-06	ug/L													
2,4-Dimethylphenol	2012-04	ug/L													
2,4-Dimethylphenol	2012-06	ug/L					< 10.0		< 10.0						
2,4-Dimethylphenol	2013-10	ug/L					< 10.3		< 10.3						
2,4-Dimethylphenol	2014-03	ug/L													
2,4-Dimethylphenol	2015-10	ug/L									< 10				
2,4-Dimethylphenol	2016-01	ug/L									< 10.2	< 10			
2,4-Dimethylphenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2,4-Dimethylphenol	2017-03	ug/L	< 10.4			< 10.4									

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2,4-Dimethylphenol	2018-03	ug/L													
2,4-Dimethylphenol	2018-06	ug/L													
2,4-Dimethylphenol	2018-09	ug/L													
2,4-Dimethylphenol	2018-11	ug/L													
2,4-Dimethylphenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,4-Dimethylphenol	2019-07	ug/L													
2,4-Dimethylphenol	2021-05	ug/L													< 10.9
2,4-Dimethylphenol	2022-04	ug/L											< 10		
2,4-Dimethylphenol	2023-05	ug/L								< 10.4					
2,4-Dimethylphenol	2023-08	ug/L								< 12.8					
2,4-Dimethylphenol	2023-11	ug/L								< 10.2					
2,4-Dimethylphenol	2024-02	ug/L								< 9.26					
2,4-Dimethylphenol	2024-04	ug/L													< 10
2,4-Dimethylphenol	2024-05	ug/L				< 10									
2,4-Dimethylphenol	2024-10	ug/L			< 10.4				< 10.4						
2,4-Dinitrophenol	2009-04	ug/L			< 20.0	< 20.0	< 22.2	< 22.2			< 20.0				
2,4-Dinitrophenol	2009-07	ug/L							< 20.0						
2,4-Dinitrophenol	2010-04	ug/L			< 20.0	< 20.0	< 20.0	< 20.0	< 20.0		< 20.0				
2,4-Dinitrophenol	2011-06	ug/L											< 20.0		
2,4-Dinitrophenol	2012-04	ug/L											< 20.0		
2,4-Dinitrophenol	2012-06	ug/L													
2,4-Dinitrophenol	2013-10	ug/L													
2,4-Dinitrophenol	2014-03	ug/L			< 21.1	< 21.5	< 23.0	< 23.0	< 21.3		< 22.7				
2,4-Dinitrophenol	2015-10	ug/L													
2,4-Dinitrophenol	2016-01	ug/L													
2,4-Dinitrophenol	2016-04	ug/L													< 20.6
2,4-Dinitrophenol	2017-03	ug/L											< 20.2		
2,4-Dinitrophenol	2018-03	ug/L													
2,4-Dinitrophenol	2018-06	ug/L													
2,4-Dinitrophenol	2018-09	ug/L													
2,4-Dinitrophenol	2018-11	ug/L													
2,4-Dinitrophenol	2019-04	ug/L			< 20.8	< 21.7			< 21.1						
2,4-Dinitrophenol	2019-07	ug/L													
2,4-Dinitrophenol	2021-05	ug/L													< 21.7
2,4-Dinitrophenol	2022-04	ug/L											< 20		
2,4-Dinitrophenol	2023-05	ug/L								< 20.8					
2,4-Dinitrophenol	2023-08	ug/L								< 25.6					
2,4-Dinitrophenol	2023-11	ug/L								< 20.4					
2,4-Dinitrophenol	2024-02	ug/L								< 18.5					
2,4-Dinitrophenol	2024-04	ug/L													< 20
2,4-Dinitrophenol	2024-05	ug/L				< 20									
2,4-Dinitrophenol	2024-10	ug/L			< 20.8				< 20.8						
2,4-Dinitrotoluene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,4-Dinitrotoluene	2009-07	ug/L							< 10.0						
2,4-Dinitrotoluene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,4-Dinitrotoluene	2011-06	ug/L											< 10.0		
2,4-Dinitrotoluene	2012-04	ug/L											< 10.0		
2,4-Dinitrotoluene	2012-06	ug/L													
2,4-Dinitrotoluene	2013-10	ug/L													
2,4-Dinitrotoluene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2,4-Dinitrotoluene	2015-10	ug/L													
2,4-Dinitrotoluene	2016-01	ug/L													
2,4-Dinitrotoluene	2016-04	ug/L													< 10.3

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2,4-Dimethylphenol	2018-03	ug/L									< 10				
2,4-Dimethylphenol	2018-06	ug/L									< 10.8				
2,4-Dimethylphenol	2018-09	ug/L					< 10.9		< 54.3						
2,4-Dimethylphenol	2018-11	ug/L							< 10.9						
2,4-Dimethylphenol	2019-04	ug/L										< 11.1			
2,4-Dimethylphenol	2019-07	ug/L										< 10.8			
2,4-Dimethylphenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2,4-Dimethylphenol	2022-04	ug/L													
2,4-Dimethylphenol	2023-05	ug/L								< 11.4					
2,4-Dimethylphenol	2023-08	ug/L								< 11.6					
2,4-Dimethylphenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,4-Dimethylphenol	2024-02	ug/L								< 10					
2,4-Dimethylphenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,4-Dimethylphenol	2024-05	ug/L													
2,4-Dimethylphenol	2024-10	ug/L													
2,4-Dinitrophenol	2009-04	ug/L													
2,4-Dinitrophenol	2009-07	ug/L													
2,4-Dinitrophenol	2010-04	ug/L													
2,4-Dinitrophenol	2011-06	ug/L													
2,4-Dinitrophenol	2012-04	ug/L													
2,4-Dinitrophenol	2012-06	ug/L					< 20.0		< 20.0						
2,4-Dinitrophenol	2013-10	ug/L					< 20.6		< 20.6						
2,4-Dinitrophenol	2014-03	ug/L													
2,4-Dinitrophenol	2015-10	ug/L									< 20				
2,4-Dinitrophenol	2016-01	ug/L									< 20.4	< 20			
2,4-Dinitrophenol	2016-04	ug/L		< 20	< 20						< 20	< 20	< 20		
2,4-Dinitrophenol	2017-03	ug/L	< 20.8			< 20.8									
2,4-Dinitrophenol	2018-03	ug/L									< 20				
2,4-Dinitrophenol	2018-06	ug/L									< 21.5				
2,4-Dinitrophenol	2018-09	ug/L					< 21.7		< 109						
2,4-Dinitrophenol	2018-11	ug/L							< 21.7						
2,4-Dinitrophenol	2019-04	ug/L										< 22.2			
2,4-Dinitrophenol	2019-07	ug/L										< 21.5			
2,4-Dinitrophenol	2021-05	ug/L	< 21.7	< 22.2	< 21.3	< 21.7							< 23.3		
2,4-Dinitrophenol	2022-04	ug/L													
2,4-Dinitrophenol	2023-05	ug/L								< 22.7					
2,4-Dinitrophenol	2023-08	ug/L								< 23.3					
2,4-Dinitrophenol	2023-11	ug/L							< 20.8	< 20.8	< 20.4				
2,4-Dinitrophenol	2024-02	ug/L								< 20					
2,4-Dinitrophenol	2024-04	ug/L	< 20	< 20	< 20.8	< 20	< 20						< 20		
2,4-Dinitrophenol	2024-05	ug/L													
2,4-Dinitrophenol	2024-10	ug/L													
2,4-Dinitrotoluene	2009-04	ug/L													
2,4-Dinitrotoluene	2009-07	ug/L													
2,4-Dinitrotoluene	2010-04	ug/L													
2,4-Dinitrotoluene	2011-06	ug/L													
2,4-Dinitrotoluene	2012-04	ug/L													
2,4-Dinitrotoluene	2012-06	ug/L					< 10.0		< 10.0						
2,4-Dinitrotoluene	2013-10	ug/L					< 10.3		< 10.3						
2,4-Dinitrotoluene	2014-03	ug/L													
2,4-Dinitrotoluene	2015-10	ug/L									< 10				
2,4-Dinitrotoluene	2016-01	ug/L									< 10.2	< 10			
2,4-Dinitrotoluene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		

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2,4-Dinitrotoluene	2017-03	ug/L											< 10.1		
2,4-Dinitrotoluene	2018-03	ug/L													
2,4-Dinitrotoluene	2018-06	ug/L													
2,4-Dinitrotoluene	2018-09	ug/L													
2,4-Dinitrotoluene	2018-11	ug/L													
2,4-Dinitrotoluene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,4-Dinitrotoluene	2019-07	ug/L													
2,4-Dinitrotoluene	2021-05	ug/L													< 10.9
2,4-Dinitrotoluene	2022-04	ug/L											< 10		
2,4-Dinitrotoluene	2023-05	ug/L								< 10.4					
2,4-Dinitrotoluene	2023-08	ug/L								< 12.8					
2,4-Dinitrotoluene	2023-11	ug/L								< 10.2					
2,4-Dinitrotoluene	2024-02	ug/L								< 9.26					
2,4-Dinitrotoluene	2024-04	ug/L													< 10
2,4-Dinitrotoluene	2024-05	ug/L				< 10									
2,4-Dinitrotoluene	2024-10	ug/L			< 10.4				< 10.4						
2,6-Dichlorophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,6-Dichlorophenol	2009-07	ug/L							< 10.0						
2,6-Dichlorophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,6-Dichlorophenol	2011-06	ug/L											< 10.0		
2,6-Dichlorophenol	2012-04	ug/L											< 10.0		
2,6-Dichlorophenol	2012-06	ug/L													
2,6-Dichlorophenol	2013-10	ug/L													
2,6-Dichlorophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2,6-Dichlorophenol	2015-10	ug/L													
2,6-Dichlorophenol	2016-01	ug/L													
2,6-Dichlorophenol	2016-04	ug/L													< 10.3
2,6-Dichlorophenol	2017-03	ug/L											< 10.1		
2,6-Dichlorophenol	2018-03	ug/L													
2,6-Dichlorophenol	2018-06	ug/L													
2,6-Dichlorophenol	2018-09	ug/L													
2,6-Dichlorophenol	2018-11	ug/L													
2,6-Dichlorophenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,6-Dichlorophenol	2019-07	ug/L													
2,6-Dichlorophenol	2021-05	ug/L													< 10.9
2,6-Dichlorophenol	2022-04	ug/L											< 10		
2,6-Dichlorophenol	2023-05	ug/L								< 10.4					
2,6-Dichlorophenol	2023-08	ug/L								< 12.8					
2,6-Dichlorophenol	2023-11	ug/L								< 10.2					
2,6-Dichlorophenol	2024-02	ug/L								< 9.26					
2,6-Dichlorophenol	2024-04	ug/L													< 10
2,6-Dichlorophenol	2024-05	ug/L				< 10									
2,6-Dichlorophenol	2024-10	ug/L			< 10.4				< 10.4						
2,6-Dinitrotoluene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2,6-Dinitrotoluene	2009-07	ug/L							< 10.0						
2,6-Dinitrotoluene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2,6-Dinitrotoluene	2011-06	ug/L											< 10.0		
2,6-Dinitrotoluene	2012-04	ug/L											< 10.0		
2,6-Dinitrotoluene	2012-06	ug/L													
2,6-Dinitrotoluene	2013-10	ug/L													
2,6-Dinitrotoluene	2014-03	ug/L			< 10.5	**0.405 J**	< 11.5	< 11.5	< 10.6		< 11.4				
2,6-Dinitrotoluene	2014-06	ug/L				< 10.6									
2,6-Dinitrotoluene	2014-09	ug/L				< 10.9									

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2,4-Dinitrotoluene	2017-03	ug/L	< 10.4			< 10.4									
2,4-Dinitrotoluene	2018-03	ug/L									< 10				
2,4-Dinitrotoluene	2018-06	ug/L									< 10.8				
2,4-Dinitrotoluene	2018-09	ug/L					< 10.9		< 54.3						
2,4-Dinitrotoluene	2018-11	ug/L							< 10.9						
2,4-Dinitrotoluene	2019-04	ug/L										< 11.1			
2,4-Dinitrotoluene	2019-07	ug/L										< 10.8			
2,4-Dinitrotoluene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2,4-Dinitrotoluene	2022-04	ug/L													
2,4-Dinitrotoluene	2023-05	ug/L								< 11.4					
2,4-Dinitrotoluene	2023-08	ug/L								< 11.6					
2,4-Dinitrotoluene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,4-Dinitrotoluene	2024-02	ug/L								< 10					
2,4-Dinitrotoluene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,4-Dinitrotoluene	2024-05	ug/L													
2,4-Dinitrotoluene	2024-10	ug/L													
2,6-Dichlorophenol	2009-04	ug/L													
2,6-Dichlorophenol	2009-07	ug/L													
2,6-Dichlorophenol	2010-04	ug/L													
2,6-Dichlorophenol	2011-06	ug/L													
2,6-Dichlorophenol	2012-04	ug/L													
2,6-Dichlorophenol	2012-06	ug/L					< 10.0		< 10.0						
2,6-Dichlorophenol	2013-10	ug/L					< 10.3		< 10.3						
2,6-Dichlorophenol	2014-03	ug/L													
2,6-Dichlorophenol	2015-10	ug/L									< 10				
2,6-Dichlorophenol	2016-01	ug/L									< 10.2	< 10			
2,6-Dichlorophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2,6-Dichlorophenol	2017-03	ug/L	< 10.4			< 10.4									
2,6-Dichlorophenol	2018-03	ug/L									< 10				
2,6-Dichlorophenol	2018-06	ug/L									< 10.8				
2,6-Dichlorophenol	2018-09	ug/L					< 10.9		< 54.3						
2,6-Dichlorophenol	2018-11	ug/L							< 10.9						
2,6-Dichlorophenol	2019-04	ug/L										< 11.1			
2,6-Dichlorophenol	2019-07	ug/L										< 10.8			
2,6-Dichlorophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2,6-Dichlorophenol	2022-04	ug/L													
2,6-Dichlorophenol	2023-05	ug/L								< 11.4					
2,6-Dichlorophenol	2023-08	ug/L								< 11.6					
2,6-Dichlorophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,6-Dichlorophenol	2024-02	ug/L								< 10					
2,6-Dichlorophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,6-Dichlorophenol	2024-05	ug/L													
2,6-Dichlorophenol	2024-10	ug/L													
2,6-Dinitrotoluene	2009-04	ug/L													
2,6-Dinitrotoluene	2009-07	ug/L													
2,6-Dinitrotoluene	2010-04	ug/L													
2,6-Dinitrotoluene	2011-06	ug/L													
2,6-Dinitrotoluene	2012-04	ug/L													
2,6-Dinitrotoluene	2012-06	ug/L					< 10.0		< 10.0						
2,6-Dinitrotoluene	2013-10	ug/L					< 10.3		< 10.3						
2,6-Dinitrotoluene	2014-03	ug/L													
2,6-Dinitrotoluene	2014-06	ug/L													
2,6-Dinitrotoluene	2014-09	ug/L													

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2,6-Dinitrotoluene	2014-12	ug/L				< 10.0									
2,6-Dinitrotoluene	2015-05	ug/L				< 10.2									< 11
2,6-Dinitrotoluene	2015-10	ug/L													
2,6-Dinitrotoluene	2016-01	ug/L													
2,6-Dinitrotoluene	2016-04	ug/L													< 10.3
2,6-Dinitrotoluene	2017-03	ug/L											< 10.1		
2,6-Dinitrotoluene	2018-03	ug/L													
2,6-Dinitrotoluene	2018-06	ug/L													
2,6-Dinitrotoluene	2018-09	ug/L													
2,6-Dinitrotoluene	2018-11	ug/L													
2,6-Dinitrotoluene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2,6-Dinitrotoluene	2019-07	ug/L													
2,6-Dinitrotoluene	2021-05	ug/L													< 10.9
2,6-Dinitrotoluene	2022-04	ug/L											< 10		
2,6-Dinitrotoluene	2023-05	ug/L								< 10.4					
2,6-Dinitrotoluene	2023-08	ug/L								< 12.8					
2,6-Dinitrotoluene	2023-11	ug/L								< 10.2					
2,6-Dinitrotoluene	2024-02	ug/L								< 9.26					
2,6-Dinitrotoluene	2024-04	ug/L													< 10
2,6-Dinitrotoluene	2024-05	ug/L				< 10									
2,6-Dinitrotoluene	2024-10	ug/L			< 10.4				< 10.4						
2-Acetylaminofluorene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2-Acetylaminofluorene	2009-07	ug/L							< 10.0						
2-Acetylaminofluorene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2-Acetylaminofluorene	2011-06	ug/L											< 10.0		
2-Acetylaminofluorene	2012-04	ug/L											< 10.0		
2-Acetylaminofluorene	2012-06	ug/L													
2-Acetylaminofluorene	2013-10	ug/L													
2-Acetylaminofluorene	2014-03	ug/L			< 10.5	**0.896 J**	< 11.5	< 11.5	< 10.6		**0.965 J**				
2-Acetylaminofluorene	2014-06	ug/L				< 10.6					< 11.0				
2-Acetylaminofluorene	2014-09	ug/L				< 10.9					< 10.9				
2-Acetylaminofluorene	2014-12	ug/L				< 10.0					< 11.0				
2-Acetylaminofluorene	2015-05	ug/L				< 10.2					< 10.1				< 11
2-Acetylaminofluorene	2015-10	ug/L													
2-Acetylaminofluorene	2016-01	ug/L													
2-Acetylaminofluorene	2016-04	ug/L													< 10.3
2-Acetylaminofluorene	2017-03	ug/L											< 10.1		
2-Acetylaminofluorene	2018-03	ug/L													
2-Acetylaminofluorene	2018-06	ug/L													
2-Acetylaminofluorene	2018-09	ug/L													
2-Acetylaminofluorene	2018-11	ug/L													
2-Acetylaminofluorene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2-Acetylaminofluorene	2019-07	ug/L													
2-Acetylaminofluorene	2021-05	ug/L													< 10.9
2-Acetylaminofluorene	2022-04	ug/L											< 10		
2-Acetylaminofluorene	2023-05	ug/L								< 10.4					
2-Acetylaminofluorene	2023-08	ug/L								< 12.8					
2-Acetylaminofluorene	2023-11	ug/L								< 10.2					
2-Acetylaminofluorene	2024-02	ug/L								< 9.26					
2-Acetylaminofluorene	2024-04	ug/L													< 10
2-Acetylaminofluorene	2024-05	ug/L				< 10									
2-Acetylaminofluorene	2024-10	ug/L			< 10.4				< 10.4						
2-Butanone	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	

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2,6-Dinitrotoluene	2014-12	ug/L													
2,6-Dinitrotoluene	2015-05	ug/L		< 10	< 10							< 11	< 10.9		
2,6-Dinitrotoluene	2015-10	ug/L									< 10				
2,6-Dinitrotoluene	2016-01	ug/L									< 10.2	< 10			
2,6-Dinitrotoluene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2,6-Dinitrotoluene	2017-03	ug/L	< 10.4			< 10.4									
2,6-Dinitrotoluene	2018-03	ug/L									< 10				
2,6-Dinitrotoluene	2018-06	ug/L									< 10.8				
2,6-Dinitrotoluene	2018-09	ug/L					< 10.9		< 54.3						
2,6-Dinitrotoluene	2018-11	ug/L							< 10.9						
2,6-Dinitrotoluene	2019-04	ug/L										< 11.1			
2,6-Dinitrotoluene	2019-07	ug/L										< 10.8			
2,6-Dinitrotoluene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2,6-Dinitrotoluene	2022-04	ug/L													
2,6-Dinitrotoluene	2023-05	ug/L								< 11.4					
2,6-Dinitrotoluene	2023-08	ug/L								< 11.6					
2,6-Dinitrotoluene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2,6-Dinitrotoluene	2024-02	ug/L								< 10					
2,6-Dinitrotoluene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2,6-Dinitrotoluene	2024-05	ug/L													
2,6-Dinitrotoluene	2024-10	ug/L													
2-Acetylaminofluorene	2009-04	ug/L													
2-Acetylaminofluorene	2009-07	ug/L													
2-Acetylaminofluorene	2010-04	ug/L													
2-Acetylaminofluorene	2011-06	ug/L													
2-Acetylaminofluorene	2012-04	ug/L													
2-Acetylaminofluorene	2012-06	ug/L					< 10.0		< 10.0						
2-Acetylaminofluorene	2013-10	ug/L					< 10.3		< 10.3						
2-Acetylaminofluorene	2014-03	ug/L													
2-Acetylaminofluorene	2014-06	ug/L													
2-Acetylaminofluorene	2014-09	ug/L													
2-Acetylaminofluorene	2014-12	ug/L													
2-Acetylaminofluorene	2015-05	ug/L		< 10	< 10							< 11	< 10.9		
2-Acetylaminofluorene	2015-10	ug/L									< 10				
2-Acetylaminofluorene	2016-01	ug/L									< 10.2	< 10			
2-Acetylaminofluorene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2-Acetylaminofluorene	2017-03	ug/L	< 10.4			< 10.4									
2-Acetylaminofluorene	2018-03	ug/L									< 10				
2-Acetylaminofluorene	2018-06	ug/L									< 10.8				
2-Acetylaminofluorene	2018-09	ug/L					< 10.9		< 54.3						
2-Acetylaminofluorene	2018-11	ug/L							< 10.9						
2-Acetylaminofluorene	2019-04	ug/L										< 11.1			
2-Acetylaminofluorene	2019-07	ug/L										< 10.8			
2-Acetylaminofluorene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2-Acetylaminofluorene	2022-04	ug/L													
2-Acetylaminofluorene	2023-05	ug/L								< 11.4					
2-Acetylaminofluorene	2023-08	ug/L								< 11.6					
2-Acetylaminofluorene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2-Acetylaminofluorene	2024-02	ug/L								< 10					
2-Acetylaminofluorene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2-Acetylaminofluorene	2024-05	ug/L													
2-Acetylaminofluorene	2024-10	ug/L													
2-Butanone	2007-10	ug/L													

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2-Butanone	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
2-Butanone	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
2-Butanone	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
2-Butanone	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
2-Butanone	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
2-Butanone	2009-07	ug/L							< 10.0			< 10.0			
2-Butanone	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
2-Butanone	2009-12	ug/L							< 10.0			< 10.0			
2-Butanone	2010-02	ug/L										< 10.0			
2-Butanone	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
2-Butanone	2010-06	ug/L										< 10.0			< 10.0
2-Butanone	2010-08	ug/L													< 10.0
2-Butanone	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Butanone	2010-12	ug/L													< 10.0
2-Butanone	2011-02	ug/L													< 10.0
2-Butanone	2011-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Butanone	2011-06	ug/L											< 10.0		< 10.0
2-Butanone	2011-10	ug/L			< 10.0	< 10.0	< 10.0	**1.24 J**	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Butanone	2011-12	ug/L	< 10.0												< 10.0
2-Butanone	2012-02	ug/L	< 10.0												
2-Butanone	2012-04	ug/L	**1.51 J**		< 10.0	**0.470 J**	< 10.0	< 10.0	**0.940 J**	**2.50 J**	< 10.0	< 10.0	**0.440 J**	**1.74 J**	**1.09 J**
2-Butanone	2012-06	ug/L	< 10.0												
2-Butanone	2012-08	ug/L	< 10.0												
2-Butanone	2012-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	**0.960 J**	< 10.0	< 10.0	**1.31 J**	< 10.0	< 10.0
2-Butanone	2013-01	ug/L													
2-Butanone	2013-04	ug/L	**14.0**		**4.22 J**	< 10.0	**3.94 J**	**16.3**	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Butanone	2013-06	ug/L													
2-Butanone	2013-08	ug/L													
2-Butanone	2013-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Butanone	2013-12	ug/L													
2-Butanone	2014-03	ug/L	**44.7**		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Butanone	2014-09	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Butanone	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2016-01	ug/L													
2-Butanone	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**7.5 J**	< 10	< 10
2-Butanone	2016-07	ug/L		< 10											
2-Butanone	2016-09	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2016-12	ug/L		< 10											
2-Butanone	2017-03	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2017-11	ug/L													
2-Butanone	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2018-06	ug/L													
2-Butanone	2018-09	ug/L	**3.32 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2018-11	ug/L													
2-Butanone	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~
2-Butanone	2019-05	ug/L		< 10											
2-Butanone	2019-07	ug/L													
2-Butanone	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2020-04	ug/L		< 10	**5.62 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

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2-Butanone	2008-01	ug/L													
2-Butanone	2008-04	ug/L													
2-Butanone	2008-07	ug/L													
2-Butanone	2008-10	ug/L													
2-Butanone	2009-04	ug/L													
2-Butanone	2009-07	ug/L													
2-Butanone	2009-10	ug/L													
2-Butanone	2009-12	ug/L													
2-Butanone	2010-02	ug/L													
2-Butanone	2010-04	ug/L													
2-Butanone	2010-06	ug/L													
2-Butanone	2010-08	ug/L													
2-Butanone	2010-10	ug/L													
2-Butanone	2010-12	ug/L													
2-Butanone	2011-02	ug/L													
2-Butanone	2011-04	ug/L													
2-Butanone	2011-06	ug/L													
2-Butanone	2011-10	ug/L													
2-Butanone	2011-12	ug/L													
2-Butanone	2012-02	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Butanone	2012-04	ug/L					**1.22 J**		**0.640 J**	**1.42 J**	**1.39 J**	< 10.0	**2.00 J**		
2-Butanone	2012-06	ug/L					**1.16 J**		**0.190 J**	< 10.0	< 10.0	< 10.0	< 10.0		
2-Butanone	2012-08	ug/L					< 10.0		**1.10 J**	< 10.0	**0.520 J**	**0.600 J**	< 10.0		
2-Butanone	2012-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	**0.780 J**	< 10.0	< 10.0		
2-Butanone	2013-01	ug/L		< 10.0	< 10.0										
2-Butanone	2013-04	ug/L		< 10.0	< 10.0		**5.36 J**		**5.51 J**	**6.58 J**	**6.29 J**	< 10.0	< 10.0		
2-Butanone	2013-06	ug/L		**0.769 J**	**1.11 J**										
2-Butanone	2013-08	ug/L		< 10.0	< 10.0										
2-Butanone	2013-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Butanone	2013-12	ug/L		< 10.0	< 10.0										
2-Butanone	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Butanone	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Butanone	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
2-Butanone	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2016-01	ug/L									< 10	< 10		< 10	< 10
2-Butanone	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2016-07	ug/L												< 10	< 10
2-Butanone	2016-09	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2016-12	ug/L													
2-Butanone	2017-03	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2017-11	ug/L						< 10							
2-Butanone	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2018-06	ug/L						< 10			< 10				
2-Butanone	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2018-11	ug/L							< 10						
2-Butanone	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~	< 10	< 10
2-Butanone	2019-05	ug/L													
2-Butanone	2019-07	ug/L										< 10			
2-Butanone	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2020-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	**3.41 J**	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	**2.89 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10

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2-Butanone	2021-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2022-04	ug/L		< 10		< 10						< 10	< 10		< 10
2-Butanone	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2023-05	ug/L	< 10	< 10		< 10				< 10		< 10	< 10		< 10
2-Butanone	2023-08	ug/L								< 10					
2-Butanone	2023-11	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2024-02	ug/L								< 10					
2-Butanone	2024-04	ug/L		< 10									< 10		< 10
2-Butanone	2024-05	ug/L				< 10						< 10			
2-Butanone	2024-09	ug/L													
2-Butanone	2024-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2025-04	ug/L	< 10	< 10		< 10						< 10	< 10		< 10
2-Butanone	2025-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloronaphthalene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2-Chloronaphthalene	2009-07	ug/L							< 10.0						
2-Chloronaphthalene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2-Chloronaphthalene	2011-06	ug/L											< 10.0		
2-Chloronaphthalene	2012-04	ug/L											< 10.0		
2-Chloronaphthalene	2012-06	ug/L													
2-Chloronaphthalene	2013-10	ug/L													
2-Chloronaphthalene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2-Chloronaphthalene	2015-10	ug/L													
2-Chloronaphthalene	2016-01	ug/L													
2-Chloronaphthalene	2016-04	ug/L													< 10.3
2-Chloronaphthalene	2017-03	ug/L											< 10.1		
2-Chloronaphthalene	2018-03	ug/L													
2-Chloronaphthalene	2018-06	ug/L													
2-Chloronaphthalene	2018-09	ug/L													
2-Chloronaphthalene	2018-11	ug/L													
2-Chloronaphthalene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2-Chloronaphthalene	2019-07	ug/L													
2-Chloronaphthalene	2021-05	ug/L													< 10.9
2-Chloronaphthalene	2022-04	ug/L											< 10		
2-Chloronaphthalene	2023-05	ug/L								< 10.4					
2-Chloronaphthalene	2023-08	ug/L								< 12.8					
2-Chloronaphthalene	2023-11	ug/L								< 10.2					
2-Chloronaphthalene	2024-02	ug/L								< 9.26					
2-Chloronaphthalene	2024-04	ug/L													< 10
2-Chloronaphthalene	2024-05	ug/L				< 10									
2-Chloronaphthalene	2024-10	ug/L			< 10.4				< 10.4						
2-Chlorophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2-Chlorophenol	2009-07	ug/L							< 10.0						
2-Chlorophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2-Chlorophenol	2011-06	ug/L											< 10.0		
2-Chlorophenol	2012-04	ug/L											< 10.0		
2-Chlorophenol	2012-06	ug/L													
2-Chlorophenol	2013-10	ug/L													
2-Chlorophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2-Chlorophenol	2015-10	ug/L													
2-Chlorophenol	2016-01	ug/L													
2-Chlorophenol	2016-04	ug/L													< 10.3
2-Chlorophenol	2017-03	ug/L											< 10.1		
2-Chlorophenol	2018-03	ug/L													

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2-Butanone	2021-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2022-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
2-Butanone	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2023-05	ug/L	< 10	< 10	< 10	< 10	< 10			< 10		< 10	< 10		
2-Butanone	2023-08	ug/L								< 10					
2-Butanone	2023-11	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2024-02	ug/L								< 10					
2-Butanone	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
2-Butanone	2024-05	ug/L													
2-Butanone	2024-09	ug/L		< 10	< 10	< 10							< 10		
2-Butanone	2024-10	ug/L	< 10				< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10
2-Butanone	2025-04	ug/L	< 10	< 10	< 10	< 10	**2.24 J**					< 10	< 10		
2-Butanone	2025-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloronaphthalene	2009-04	ug/L													
2-Chloronaphthalene	2009-07	ug/L													
2-Chloronaphthalene	2010-04	ug/L													
2-Chloronaphthalene	2011-06	ug/L													
2-Chloronaphthalene	2012-04	ug/L													
2-Chloronaphthalene	2012-06	ug/L					< 10.0		< 10.0						
2-Chloronaphthalene	2013-10	ug/L					< 10.3		< 10.3						
2-Chloronaphthalene	2014-03	ug/L													
2-Chloronaphthalene	2015-10	ug/L									< 10				
2-Chloronaphthalene	2016-01	ug/L									< 10.2	< 10			
2-Chloronaphthalene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2-Chloronaphthalene	2017-03	ug/L	< 10.4			< 10.4									
2-Chloronaphthalene	2018-03	ug/L									< 10				
2-Chloronaphthalene	2018-06	ug/L									< 10.8				
2-Chloronaphthalene	2018-09	ug/L					< 10.9		< 54.3						
2-Chloronaphthalene	2018-11	ug/L							< 10.9						
2-Chloronaphthalene	2019-04	ug/L										< 11.1			
2-Chloronaphthalene	2019-07	ug/L										< 10.8			
2-Chloronaphthalene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2-Chloronaphthalene	2022-04	ug/L													
2-Chloronaphthalene	2023-05	ug/L								< 11.4					
2-Chloronaphthalene	2023-08	ug/L								< 11.6					
2-Chloronaphthalene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2-Chloronaphthalene	2024-02	ug/L								< 10					
2-Chloronaphthalene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2-Chloronaphthalene	2024-05	ug/L													
2-Chloronaphthalene	2024-10	ug/L													
2-Chlorophenol	2009-04	ug/L													
2-Chlorophenol	2009-07	ug/L													
2-Chlorophenol	2010-04	ug/L													
2-Chlorophenol	2011-06	ug/L													
2-Chlorophenol	2012-04	ug/L													
2-Chlorophenol	2012-06	ug/L					< 10.0		< 10.0						
2-Chlorophenol	2013-10	ug/L					< 10.3		< 10.3						
2-Chlorophenol	2014-03	ug/L													
2-Chlorophenol	2015-10	ug/L									< 10				
2-Chlorophenol	2016-01	ug/L									< 10.2	< 10			
2-Chlorophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2-Chlorophenol	2017-03	ug/L	< 10.4			< 10.4									
2-Chlorophenol	2018-03	ug/L									< 10				

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2-Chlorophenol	2018-06	ug/L													
2-Chlorophenol	2018-09	ug/L													
2-Chlorophenol	2018-11	ug/L													
2-Chlorophenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2-Chlorophenol	2019-07	ug/L													
2-Chlorophenol	2021-05	ug/L													< 10.9
2-Chlorophenol	2022-04	ug/L											< 10		
2-Chlorophenol	2023-05	ug/L								< 10.4					
2-Chlorophenol	2023-08	ug/L								< 12.8					
2-Chlorophenol	2023-11	ug/L								< 10.2					
2-Chlorophenol	2024-02	ug/L								< 9.26					
2-Chlorophenol	2024-04	ug/L													< 10
2-Chlorophenol	2024-05	ug/L				< 10									
2-Chlorophenol	2024-10	ug/L			< 10.4				< 10.4						
2-Hexanone	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	
2-Hexanone	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
2-Hexanone	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
2-Hexanone	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
2-Hexanone	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
2-Hexanone	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
2-Hexanone	2009-07	ug/L							< 10.0			< 10.0			
2-Hexanone	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
2-Hexanone	2009-12	ug/L							< 10.0			< 10.0			
2-Hexanone	2010-02	ug/L										< 10.0			
2-Hexanone	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
2-Hexanone	2010-06	ug/L										< 10.0			< 10.0
2-Hexanone	2010-08	ug/L													< 10.0
2-Hexanone	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2010-12	ug/L													< 10.0
2-Hexanone	2011-02	ug/L													< 10.0
2-Hexanone	2011-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2011-06	ug/L											< 10.0		< 10.0
2-Hexanone	2011-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2011-12	ug/L	< 10.0												< 10.0
2-Hexanone	2012-02	ug/L	< 10.0												
2-Hexanone	2012-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2012-06	ug/L	< 10.0												
2-Hexanone	2012-08	ug/L	< 10.0												
2-Hexanone	2012-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2013-01	ug/L													
2-Hexanone	2013-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2013-06	ug/L													
2-Hexanone	2013-08	ug/L													
2-Hexanone	2013-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2013-12	ug/L													
2-Hexanone	2014-03	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2014-09	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
2-Hexanone	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2016-01	ug/L													
2-Hexanone	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2016-07	ug/L		< 10											
2-Hexanone	2016-09	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
2-Chlorophenol	2018-06	ug/L									< 10.8				
2-Chlorophenol	2018-09	ug/L					< 10.9		< 54.3						
2-Chlorophenol	2018-11	ug/L							< 10.9						
2-Chlorophenol	2019-04	ug/L										< 11.1			
2-Chlorophenol	2019-07	ug/L										< 10.8			
2-Chlorophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2-Chlorophenol	2022-04	ug/L													
2-Chlorophenol	2023-05	ug/L								< 11.4					
2-Chlorophenol	2023-08	ug/L								< 11.6					
2-Chlorophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2-Chlorophenol	2024-02	ug/L								< 10					
2-Chlorophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2-Chlorophenol	2024-05	ug/L													
2-Chlorophenol	2024-10	ug/L													
2-Hexanone	2007-10	ug/L													
2-Hexanone	2008-01	ug/L													
2-Hexanone	2008-04	ug/L													
2-Hexanone	2008-07	ug/L													
2-Hexanone	2008-10	ug/L													
2-Hexanone	2009-04	ug/L													
2-Hexanone	2009-07	ug/L													
2-Hexanone	2009-10	ug/L													
2-Hexanone	2009-12	ug/L													
2-Hexanone	2010-02	ug/L													
2-Hexanone	2010-04	ug/L													
2-Hexanone	2010-06	ug/L													
2-Hexanone	2010-08	ug/L													
2-Hexanone	2010-10	ug/L													
2-Hexanone	2010-12	ug/L													
2-Hexanone	2011-02	ug/L													
2-Hexanone	2011-04	ug/L													
2-Hexanone	2011-06	ug/L													
2-Hexanone	2011-10	ug/L													
2-Hexanone	2011-12	ug/L													
2-Hexanone	2012-02	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2012-04	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2012-06	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2012-08	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2012-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2013-01	ug/L		< 10.0	< 10.0										
2-Hexanone	2013-04	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2013-06	ug/L		< 10.0	< 10.0										
2-Hexanone	2013-08	ug/L		< 10.0	< 10.0										
2-Hexanone	2013-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2013-12	ug/L		< 10.0	< 10.0										
2-Hexanone	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
2-Hexanone	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
2-Hexanone	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2016-01	ug/L									< 10	< 10		< 10	< 10
2-Hexanone	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2016-07	ug/L												< 10	< 10
2-Hexanone	2016-09	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10

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2-Hexanone	2016-12	ug/L		< 10											
2-Hexanone	2017-03	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2017-11	ug/L													
2-Hexanone	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2018-06	ug/L													
2-Hexanone	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2018-11	ug/L													
2-Hexanone	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~
2-Hexanone	2019-05	ug/L		< 10											
2-Hexanone	2019-07	ug/L													
2-Hexanone	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2020-04	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2021-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2022-04	ug/L		< 10		< 10						< 10	< 10		< 10
2-Hexanone	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2023-05	ug/L	< 10	< 10		< 10				< 10		< 10	< 10		< 10
2-Hexanone	2023-08	ug/L								< 10					
2-Hexanone	2023-11	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2024-02	ug/L								< 10					
2-Hexanone	2024-04	ug/L		< 10									< 10		< 10
2-Hexanone	2024-05	ug/L				< 10						< 10			
2-Hexanone	2024-09	ug/L													
2-Hexanone	2024-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2025-04	ug/L	< 10	< 10		< 10						< 10	< 10		< 10
2-Hexanone	2025-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylnaphthalene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2-Methylnaphthalene	2009-07	ug/L							< 10.0						
2-Methylnaphthalene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2-Methylnaphthalene	2011-06	ug/L											< 10.0		
2-Methylnaphthalene	2012-04	ug/L											< 10.0		
2-Methylnaphthalene	2012-06	ug/L													
2-Methylnaphthalene	2013-10	ug/L													
2-Methylnaphthalene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2-Methylnaphthalene	2015-10	ug/L													
2-Methylnaphthalene	2016-01	ug/L													
2-Methylnaphthalene	2016-04	ug/L													< 10.3
2-Methylnaphthalene	2017-03	ug/L											< 10.1		
2-Methylnaphthalene	2018-03	ug/L													
2-Methylnaphthalene	2018-06	ug/L													
2-Methylnaphthalene	2018-09	ug/L													
2-Methylnaphthalene	2018-11	ug/L													
2-Methylnaphthalene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2-Methylnaphthalene	2019-07	ug/L													
2-Methylnaphthalene	2021-05	ug/L													< 10.9
2-Methylnaphthalene	2022-04	ug/L											< 10		
2-Methylnaphthalene	2023-05	ug/L								< 10.4					
2-Methylnaphthalene	2023-08	ug/L								< 12.8					
2-Methylnaphthalene	2023-11	ug/L								< 10.2					
2-Methylnaphthalene	2024-02	ug/L								< 9.26					
2-Methylnaphthalene	2024-04	ug/L													< 10

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2-Hexanone	2016-12	ug/L													
2-Hexanone	2017-03	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2017-11	ug/L						< 10							
2-Hexanone	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2018-06	ug/L						< 10			< 10				
2-Hexanone	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2018-11	ug/L							< 10						
2-Hexanone	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~	< 10	< 10
2-Hexanone	2019-05	ug/L													
2-Hexanone	2019-07	ug/L										< 10			
2-Hexanone	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2020-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2021-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2022-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
2-Hexanone	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2023-05	ug/L	< 10	< 10	< 10	< 10	< 10			< 10		< 10	< 10		
2-Hexanone	2023-08	ug/L								< 10					
2-Hexanone	2023-11	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2024-02	ug/L								< 10					
2-Hexanone	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
2-Hexanone	2024-05	ug/L													
2-Hexanone	2024-09	ug/L		< 10	< 10	< 10							< 10		
2-Hexanone	2024-10	ug/L	< 10				< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10
2-Hexanone	2025-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
2-Hexanone	2025-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylnaphthalene	2009-04	ug/L													
2-Methylnaphthalene	2009-07	ug/L													
2-Methylnaphthalene	2010-04	ug/L													
2-Methylnaphthalene	2011-06	ug/L													
2-Methylnaphthalene	2012-04	ug/L													
2-Methylnaphthalene	2012-06	ug/L					< 10.0		< 10.0						
2-Methylnaphthalene	2013-10	ug/L					< 10.3		< 10.3						
2-Methylnaphthalene	2014-03	ug/L													
2-Methylnaphthalene	2015-10	ug/L									< 10				
2-Methylnaphthalene	2016-01	ug/L									< 10.2	< 10			
2-Methylnaphthalene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2-Methylnaphthalene	2017-03	ug/L	< 10.4			< 10.4									
2-Methylnaphthalene	2018-03	ug/L									< 10				
2-Methylnaphthalene	2018-06	ug/L									< 10.8				
2-Methylnaphthalene	2018-09	ug/L					< 10.9		< 54.3						
2-Methylnaphthalene	2018-11	ug/L							< 10.9						
2-Methylnaphthalene	2019-04	ug/L										< 11.1			
2-Methylnaphthalene	2019-07	ug/L										< 10.8			
2-Methylnaphthalene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2-Methylnaphthalene	2022-04	ug/L													
2-Methylnaphthalene	2023-05	ug/L								< 11.4					
2-Methylnaphthalene	2023-08	ug/L								< 11.6					
2-Methylnaphthalene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2-Methylnaphthalene	2024-02	ug/L								< 10					
2-Methylnaphthalene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
2-Methylnaphthalene	2024-05	ug/L				< 10									
2-Methylnaphthalene	2024-10	ug/L			< 10.4				< 10.4						
2-Methylphenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2-Methylphenol	2009-07	ug/L							< 10.0						
2-Methylphenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2-Methylphenol	2011-06	ug/L											< 10.0		
2-Methylphenol	2012-04	ug/L											< 10.0		
2-Methylphenol	2012-06	ug/L													
2-Methylphenol	2013-10	ug/L													
2-Methylphenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2-Methylphenol	2015-10	ug/L													
2-Methylphenol	2016-01	ug/L													
2-Methylphenol	2016-04	ug/L													< 10.3
2-Methylphenol	2017-03	ug/L											< 10.1		
2-Methylphenol	2018-03	ug/L													
2-Methylphenol	2018-06	ug/L													
2-Methylphenol	2018-09	ug/L													
2-Methylphenol	2018-11	ug/L													
2-Methylphenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2-Methylphenol	2019-07	ug/L													
2-Methylphenol	2021-05	ug/L													< 10.9
2-Methylphenol	2022-04	ug/L											< 10		
2-Methylphenol	2023-05	ug/L								< 10.4					
2-Methylphenol	2023-08	ug/L								< 12.8					
2-Methylphenol	2023-11	ug/L								< 10.2					
2-Methylphenol	2024-02	ug/L								< 9.26					
2-Methylphenol	2024-04	ug/L													< 10
2-Methylphenol	2024-05	ug/L				< 10									
2-Methylphenol	2024-10	ug/L			< 10.4				< 10.4						
2-Naphthylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2-Naphthylamine	2009-07	ug/L							< 10.0						
2-Naphthylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2-Naphthylamine	2011-06	ug/L											< 10.0		
2-Naphthylamine	2012-04	ug/L											< 10.0		
2-Naphthylamine	2012-06	ug/L													
2-Naphthylamine	2013-10	ug/L													
2-Naphthylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2-Naphthylamine	2015-10	ug/L													
2-Naphthylamine	2016-01	ug/L													
2-Naphthylamine	2016-04	ug/L													< 10.3
2-Naphthylamine	2017-03	ug/L											< 10.1		
2-Naphthylamine	2018-03	ug/L													
2-Naphthylamine	2018-06	ug/L													
2-Naphthylamine	2018-09	ug/L													
2-Naphthylamine	2018-11	ug/L													
2-Naphthylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2-Naphthylamine	2019-07	ug/L													
2-Naphthylamine	2021-05	ug/L													< 10.9
2-Naphthylamine	2022-04	ug/L											< 10		
2-Naphthylamine	2023-05	ug/L								< 10.4					
2-Naphthylamine	2023-08	ug/L								< 12.8					
2-Naphthylamine	2023-11	ug/L								~~< 10.2 R~~					
2-Naphthylamine	2024-02	ug/L								< 9.26					

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2-Methylnaphthalene	2024-05	ug/L													
2-Methylnaphthalene	2024-10	ug/L													
2-Methylphenol	2009-04	ug/L													
2-Methylphenol	2009-07	ug/L													
2-Methylphenol	2010-04	ug/L													
2-Methylphenol	2011-06	ug/L													
2-Methylphenol	2012-04	ug/L													
2-Methylphenol	2012-06	ug/L					< 10.0		< 10.0						
2-Methylphenol	2013-10	ug/L					< 10.3		< 10.3						
2-Methylphenol	2014-03	ug/L													
2-Methylphenol	2015-10	ug/L									< 10				
2-Methylphenol	2016-01	ug/L									< 10.2	< 10			
2-Methylphenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2-Methylphenol	2017-03	ug/L	< 10.4			< 10.4									
2-Methylphenol	2018-03	ug/L									< 10				
2-Methylphenol	2018-06	ug/L									< 10.8				
2-Methylphenol	2018-09	ug/L					< 10.9		< 54.3						
2-Methylphenol	2018-11	ug/L							< 10.9						
2-Methylphenol	2019-04	ug/L										< 11.1			
2-Methylphenol	2019-07	ug/L										< 10.8			
2-Methylphenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2-Methylphenol	2022-04	ug/L													
2-Methylphenol	2023-05	ug/L								< 11.4					
2-Methylphenol	2023-08	ug/L								< 11.6					
2-Methylphenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2-Methylphenol	2024-02	ug/L								< 10					
2-Methylphenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2-Methylphenol	2024-05	ug/L													
2-Methylphenol	2024-10	ug/L													
2-Naphthylamine	2009-04	ug/L													
2-Naphthylamine	2009-07	ug/L													
2-Naphthylamine	2010-04	ug/L													
2-Naphthylamine	2011-06	ug/L													
2-Naphthylamine	2012-04	ug/L													
2-Naphthylamine	2012-06	ug/L					< 10.0		< 10.0						
2-Naphthylamine	2013-10	ug/L					< 10.3		< 10.3						
2-Naphthylamine	2014-03	ug/L													
2-Naphthylamine	2015-10	ug/L									< 10				
2-Naphthylamine	2016-01	ug/L									< 10.2	< 10			
2-Naphthylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2-Naphthylamine	2017-03	ug/L	< 10.4			< 10.4									
2-Naphthylamine	2018-03	ug/L									< 10				
2-Naphthylamine	2018-06	ug/L									< 10.8				
2-Naphthylamine	2018-09	ug/L					< 10.9		< 54.3						
2-Naphthylamine	2018-11	ug/L							< 10.9						
2-Naphthylamine	2019-04	ug/L										< 11.1			
2-Naphthylamine	2019-07	ug/L										< 10.8			
2-Naphthylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2-Naphthylamine	2022-04	ug/L													
2-Naphthylamine	2023-05	ug/L								< 11.4					
2-Naphthylamine	2023-08	ug/L								< 11.6					
2-Naphthylamine	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
2-Naphthylamine	2024-02	ug/L								< 10					

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2-Naphthylamine	2024-04	ug/L													< 10
2-Naphthylamine	2024-05	ug/L				< 10									
2-Naphthylamine	2024-10	ug/L			< 10.4				< 10.4						
2-Nitroaniline	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2-Nitroaniline	2009-07	ug/L							< 10.0						
2-Nitroaniline	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2-Nitroaniline	2011-06	ug/L											< 10.0		
2-Nitroaniline	2012-04	ug/L											< 10.0		
2-Nitroaniline	2012-06	ug/L													
2-Nitroaniline	2013-10	ug/L													
2-Nitroaniline	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2-Nitroaniline	2015-10	ug/L													
2-Nitroaniline	2016-01	ug/L													
2-Nitroaniline	2016-04	ug/L													< 10.3
2-Nitroaniline	2017-03	ug/L											< 10.1		
2-Nitroaniline	2018-03	ug/L													
2-Nitroaniline	2018-06	ug/L													
2-Nitroaniline	2018-09	ug/L													
2-Nitroaniline	2018-11	ug/L													
2-Nitroaniline	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2-Nitroaniline	2019-07	ug/L													
2-Nitroaniline	2021-05	ug/L													< 10.9
2-Nitroaniline	2022-04	ug/L											< 10		
2-Nitroaniline	2023-05	ug/L								< 10.4					
2-Nitroaniline	2023-08	ug/L								< 12.8					
2-Nitroaniline	2023-11	ug/L								< 10.2					
2-Nitroaniline	2024-02	ug/L								< 9.26					
2-Nitroaniline	2024-04	ug/L													< 10
2-Nitroaniline	2024-05	ug/L				< 10									
2-Nitroaniline	2024-10	ug/L			< 10.4				< 10.4						
2-Nitrophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
2-Nitrophenol	2009-07	ug/L							< 10.0						
2-Nitrophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
2-Nitrophenol	2011-06	ug/L											< 10.0		
2-Nitrophenol	2012-04	ug/L											< 10.0		
2-Nitrophenol	2012-06	ug/L													
2-Nitrophenol	2013-10	ug/L													
2-Nitrophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
2-Nitrophenol	2015-10	ug/L													
2-Nitrophenol	2016-01	ug/L													
2-Nitrophenol	2016-04	ug/L													< 10.3
2-Nitrophenol	2017-03	ug/L											< 10.1		
2-Nitrophenol	2018-03	ug/L													
2-Nitrophenol	2018-06	ug/L													
2-Nitrophenol	2018-09	ug/L													
2-Nitrophenol	2018-11	ug/L													
2-Nitrophenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
2-Nitrophenol	2019-07	ug/L													
2-Nitrophenol	2021-05	ug/L													< 10.9
2-Nitrophenol	2022-04	ug/L											< 10		
2-Nitrophenol	2023-05	ug/L								< 10.4					
2-Nitrophenol	2023-08	ug/L								< 12.8					
2-Nitrophenol	2023-11	ug/L								< 10.2					

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2-Naphthylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2-Naphthylamine	2024-05	ug/L													
2-Naphthylamine	2024-10	ug/L													
2-Nitroaniline	2009-04	ug/L													
2-Nitroaniline	2009-07	ug/L													
2-Nitroaniline	2010-04	ug/L													
2-Nitroaniline	2011-06	ug/L													
2-Nitroaniline	2012-04	ug/L													
2-Nitroaniline	2012-06	ug/L					< 10.0		< 10.0						
2-Nitroaniline	2013-10	ug/L					< 10.3		< 10.3						
2-Nitroaniline	2014-03	ug/L													
2-Nitroaniline	2015-10	ug/L									< 10				
2-Nitroaniline	2016-01	ug/L									< 10.2	< 10			
2-Nitroaniline	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2-Nitroaniline	2017-03	ug/L	< 10.4			< 10.4									
2-Nitroaniline	2018-03	ug/L									< 10				
2-Nitroaniline	2018-06	ug/L									< 10.8				
2-Nitroaniline	2018-09	ug/L					< 10.9		< 54.3						
2-Nitroaniline	2018-11	ug/L							< 10.9						
2-Nitroaniline	2019-04	ug/L										< 11.1			
2-Nitroaniline	2019-07	ug/L										< 10.8			
2-Nitroaniline	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2-Nitroaniline	2022-04	ug/L													
2-Nitroaniline	2023-05	ug/L								< 11.4					
2-Nitroaniline	2023-08	ug/L								< 11.6					
2-Nitroaniline	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
2-Nitroaniline	2024-02	ug/L								< 10					
2-Nitroaniline	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2-Nitroaniline	2024-05	ug/L													
2-Nitroaniline	2024-10	ug/L													
2-Nitrophenol	2009-04	ug/L													
2-Nitrophenol	2009-07	ug/L													
2-Nitrophenol	2010-04	ug/L													
2-Nitrophenol	2011-06	ug/L													
2-Nitrophenol	2012-04	ug/L													
2-Nitrophenol	2012-06	ug/L					< 10.0		< 10.0						
2-Nitrophenol	2013-10	ug/L					< 10.3		< 10.3						
2-Nitrophenol	2014-03	ug/L													
2-Nitrophenol	2015-10	ug/L									< 10				
2-Nitrophenol	2016-01	ug/L									< 10.2	< 10			
2-Nitrophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
2-Nitrophenol	2017-03	ug/L	< 10.4			< 10.4									
2-Nitrophenol	2018-03	ug/L									< 10				
2-Nitrophenol	2018-06	ug/L									< 10.8				
2-Nitrophenol	2018-09	ug/L					< 10.9		< 54.3						
2-Nitrophenol	2018-11	ug/L							< 10.9						
2-Nitrophenol	2019-04	ug/L										< 11.1			
2-Nitrophenol	2019-07	ug/L										< 10.8			
2-Nitrophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
2-Nitrophenol	2022-04	ug/L													
2-Nitrophenol	2023-05	ug/L								< 11.4					
2-Nitrophenol	2023-08	ug/L								< 11.6					
2-Nitrophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				

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2-Nitrophenol	2024-02	ug/L								< 9.26					
2-Nitrophenol	2024-04	ug/L													< 10
2-Nitrophenol	2024-05	ug/L				< 10									
2-Nitrophenol	2024-10	ug/L			< 10.4				< 10.4						
3,3-Dichlorobenzidine	2009-04	ug/L			< 85.0	< 85.0	< 94.4	< 94.4			< 85.0				
3,3-Dichlorobenzidine	2009-07	ug/L							< 10.0						
3,3-Dichlorobenzidine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
3,3-Dichlorobenzidine	2011-06	ug/L											< 10.0		
3,3-Dichlorobenzidine	2012-04	ug/L											< 10.0		
3,3-Dichlorobenzidine	2012-06	ug/L													
3,3-Dichlorobenzidine	2013-10	ug/L													
3,3-Dichlorobenzidine	2014-03	ug/L			< 52.6	< 53.8	< 57.5	< 57.5	< 53.2		< 56.8				
3,3-Dichlorobenzidine	2015-10	ug/L													
3,3-Dichlorobenzidine	2016-01	ug/L													
3,3-Dichlorobenzidine	2016-04	ug/L													< 51.5
3,3-Dichlorobenzidine	2017-03	ug/L											< 50.5		
3,3-Dichlorobenzidine	2018-03	ug/L													
3,3-Dichlorobenzidine	2018-06	ug/L													
3,3-Dichlorobenzidine	2018-09	ug/L													
3,3-Dichlorobenzidine	2018-11	ug/L													
3,3-Dichlorobenzidine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
3,3-Dichlorobenzidine	2019-07	ug/L													
3,3-Dichlorobenzidine	2021-05	ug/L													< 10.9
3,3-Dichlorobenzidine	2022-04	ug/L											< 10		
3,3-Dichlorobenzidine	2023-05	ug/L								< 10.4					
3,3-Dichlorobenzidine	2023-08	ug/L								< 12.8					
3,3-Dichlorobenzidine	2023-11	ug/L								< 10.2					
3,3-Dichlorobenzidine	2024-02	ug/L								< 9.26					
3,3-Dichlorobenzidine	2024-04	ug/L													< 10
3,3-Dichlorobenzidine	2024-05	ug/L				< 10									
3,3-Dichlorobenzidine	2024-10	ug/L			< 10.4				< 10.4						
3,3-Dimethylbenzidine	2009-04	ug/L			< 20.0	< 20.0	< 22.2	< 22.2			< 20.0				
3,3-Dimethylbenzidine	2009-07	ug/L							< 10.0						
3,3-Dimethylbenzidine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
3,3-Dimethylbenzidine	2011-06	ug/L											< 10.0		
3,3-Dimethylbenzidine	2012-04	ug/L											< 10.0		
3,3-Dimethylbenzidine	2012-06	ug/L													
3,3-Dimethylbenzidine	2013-10	ug/L													
3,3-Dimethylbenzidine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
3,3-Dimethylbenzidine	2015-10	ug/L													
3,3-Dimethylbenzidine	2016-01	ug/L													
3,3-Dimethylbenzidine	2016-04	ug/L													< 10.3
3,3-Dimethylbenzidine	2017-03	ug/L											< 10.1		
3,3-Dimethylbenzidine	2018-03	ug/L													
3,3-Dimethylbenzidine	2018-06	ug/L													
3,3-Dimethylbenzidine	2018-09	ug/L													
3,3-Dimethylbenzidine	2018-11	ug/L													
3,3-Dimethylbenzidine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
3,3-Dimethylbenzidine	2019-07	ug/L													
3,3-Dimethylbenzidine	2021-05	ug/L													< 10.9
3,3-Dimethylbenzidine	2022-04	ug/L											< 10		
3,3-Dimethylbenzidine	2023-05	ug/L								< 10.4					
3,3-Dimethylbenzidine	2023-08	ug/L								< 12.8					

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2-Nitrophenol	2024-02	ug/L								< 10					
2-Nitrophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
2-Nitrophenol	2024-05	ug/L													
2-Nitrophenol	2024-10	ug/L													
3,3-Dichlorobenzidine	2009-04	ug/L													
3,3-Dichlorobenzidine	2009-07	ug/L													
3,3-Dichlorobenzidine	2010-04	ug/L													
3,3-Dichlorobenzidine	2011-06	ug/L													
3,3-Dichlorobenzidine	2012-04	ug/L													
3,3-Dichlorobenzidine	2012-06	ug/L					< 10.0		< 10.0						
3,3-Dichlorobenzidine	2013-10	ug/L					< 51.5		< 51.5						
3,3-Dichlorobenzidine	2014-03	ug/L													
3,3-Dichlorobenzidine	2015-10	ug/L									< 50				
3,3-Dichlorobenzidine	2016-01	ug/L									< 51	< 50			
3,3-Dichlorobenzidine	2016-04	ug/L		< 50	< 50						< 50	< 50	< 50		
3,3-Dichlorobenzidine	2017-03	ug/L	< 52.1			< 52.1									
3,3-Dichlorobenzidine	2018-03	ug/L									< 50				
3,3-Dichlorobenzidine	2018-06	ug/L									< 10.8				
3,3-Dichlorobenzidine	2018-09	ug/L					< 10.9		< 54.3						
3,3-Dichlorobenzidine	2018-11	ug/L							< 10.9						
3,3-Dichlorobenzidine	2019-04	ug/L										< 11.1			
3,3-Dichlorobenzidine	2019-07	ug/L										< 10.8			
3,3-Dichlorobenzidine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
3,3-Dichlorobenzidine	2022-04	ug/L													
3,3-Dichlorobenzidine	2023-05	ug/L								< 11.4					
3,3-Dichlorobenzidine	2023-08	ug/L								< 11.6					
3,3-Dichlorobenzidine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
3,3-Dichlorobenzidine	2024-02	ug/L								< 10					
3,3-Dichlorobenzidine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
3,3-Dichlorobenzidine	2024-05	ug/L													
3,3-Dichlorobenzidine	2024-10	ug/L													
3,3-Dimethylbenzidine	2009-04	ug/L													
3,3-Dimethylbenzidine	2009-07	ug/L													
3,3-Dimethylbenzidine	2010-04	ug/L													
3,3-Dimethylbenzidine	2011-06	ug/L													
3,3-Dimethylbenzidine	2012-04	ug/L													
3,3-Dimethylbenzidine	2012-06	ug/L					< 10.0		< 10.0						
3,3-Dimethylbenzidine	2013-10	ug/L					< 10.3		< 10.3						
3,3-Dimethylbenzidine	2014-03	ug/L													
3,3-Dimethylbenzidine	2015-10	ug/L									< 10				
3,3-Dimethylbenzidine	2016-01	ug/L									< 10.2	< 10			
3,3-Dimethylbenzidine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
3,3-Dimethylbenzidine	2017-03	ug/L	< 10.4			< 10.4									
3,3-Dimethylbenzidine	2018-03	ug/L									< 10				
3,3-Dimethylbenzidine	2018-06	ug/L									< 10.8				
3,3-Dimethylbenzidine	2018-09	ug/L					< 10.9		< 54.3						
3,3-Dimethylbenzidine	2018-11	ug/L							< 10.9						
3,3-Dimethylbenzidine	2019-04	ug/L										< 11.1			
3,3-Dimethylbenzidine	2019-07	ug/L										< 10.8			
3,3-Dimethylbenzidine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
3,3-Dimethylbenzidine	2022-04	ug/L													
3,3-Dimethylbenzidine	2023-05	ug/L								< 11.4					
3,3-Dimethylbenzidine	2023-08	ug/L								< 11.6					

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3,3-Dimethylbenzidine	2023-11	ug/L								~~< 10.2 R~~					
3,3-Dimethylbenzidine	2024-02	ug/L								< 9.26					
3,3-Dimethylbenzidine	2024-04	ug/L													< 10
3,3-Dimethylbenzidine	2024-05	ug/L				< 10									
3,3-Dimethylbenzidine	2024-10	ug/L			< 10.4				< 10.4						
3-Methylcholanthrene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
3-Methylcholanthrene	2009-07	ug/L							< 10.0						
3-Methylcholanthrene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
3-Methylcholanthrene	2011-06	ug/L											< 10.0		
3-Methylcholanthrene	2012-04	ug/L											< 10.0		
3-Methylcholanthrene	2012-06	ug/L													
3-Methylcholanthrene	2013-10	ug/L													
3-Methylcholanthrene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
3-Methylcholanthrene	2015-10	ug/L													
3-Methylcholanthrene	2016-01	ug/L													
3-Methylcholanthrene	2016-04	ug/L													< 10.3
3-Methylcholanthrene	2017-03	ug/L											< 10.1		
3-Methylcholanthrene	2018-03	ug/L													
3-Methylcholanthrene	2018-06	ug/L													
3-Methylcholanthrene	2018-09	ug/L													
3-Methylcholanthrene	2018-11	ug/L													
3-Methylcholanthrene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
3-Methylcholanthrene	2019-07	ug/L													
3-Methylcholanthrene	2021-05	ug/L													< 10.9
3-Methylcholanthrene	2022-04	ug/L											< 10		
3-Methylcholanthrene	2023-05	ug/L								< 10.4					
3-Methylcholanthrene	2023-08	ug/L								< 12.8					
3-Methylcholanthrene	2023-11	ug/L								< 10.2					
3-Methylcholanthrene	2024-02	ug/L								< 9.26					
3-Methylcholanthrene	2024-04	ug/L													< 10
3-Methylcholanthrene	2024-05	ug/L				< 10									
3-Methylcholanthrene	2024-10	ug/L			< 10.4				< 10.4						
3-Nitroaniline	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
3-Nitroaniline	2009-07	ug/L							< 10.0						
3-Nitroaniline	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
3-Nitroaniline	2011-06	ug/L											< 10.0		
3-Nitroaniline	2012-04	ug/L											< 10.0		
3-Nitroaniline	2012-06	ug/L													
3-Nitroaniline	2013-10	ug/L													
3-Nitroaniline	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
3-Nitroaniline	2015-10	ug/L													
3-Nitroaniline	2016-01	ug/L													
3-Nitroaniline	2016-04	ug/L													< 10.3
3-Nitroaniline	2017-03	ug/L											< 10.1		
3-Nitroaniline	2018-03	ug/L													
3-Nitroaniline	2018-06	ug/L													
3-Nitroaniline	2018-09	ug/L													
3-Nitroaniline	2018-11	ug/L													
3-Nitroaniline	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
3-Nitroaniline	2019-07	ug/L													
3-Nitroaniline	2021-05	ug/L													< 10.9
3-Nitroaniline	2022-04	ug/L											< 10		
3-Nitroaniline	2023-05	ug/L								< 10.4					

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
3,3-Dimethylbenzidine	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
3,3-Dimethylbenzidine	2024-02	ug/L								< 10					
3,3-Dimethylbenzidine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
3,3-Dimethylbenzidine	2024-05	ug/L													
3,3-Dimethylbenzidine	2024-10	ug/L													
3-Methylcholanthrene	2009-04	ug/L													
3-Methylcholanthrene	2009-07	ug/L													
3-Methylcholanthrene	2010-04	ug/L													
3-Methylcholanthrene	2011-06	ug/L													
3-Methylcholanthrene	2012-04	ug/L													
3-Methylcholanthrene	2012-06	ug/L					< 10.0		< 10.0						
3-Methylcholanthrene	2013-10	ug/L					< 10.3		< 10.3						
3-Methylcholanthrene	2014-03	ug/L													
3-Methylcholanthrene	2015-10	ug/L									< 10				
3-Methylcholanthrene	2016-01	ug/L									< 10.2	< 10			
3-Methylcholanthrene	2016-04	ug/L		< 10	< 10						< 10	**1.18 J**	< 10		
3-Methylcholanthrene	2017-03	ug/L	< 10.4			< 10.4									
3-Methylcholanthrene	2018-03	ug/L									< 10				
3-Methylcholanthrene	2018-06	ug/L									< 10.8				
3-Methylcholanthrene	2018-09	ug/L					< 10.9		< 54.3						
3-Methylcholanthrene	2018-11	ug/L							< 10.9						
3-Methylcholanthrene	2019-04	ug/L										< 11.1			
3-Methylcholanthrene	2019-07	ug/L										< 10.8			
3-Methylcholanthrene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
3-Methylcholanthrene	2022-04	ug/L													
3-Methylcholanthrene	2023-05	ug/L								< 11.4					
3-Methylcholanthrene	2023-08	ug/L								< 23.3					
3-Methylcholanthrene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
3-Methylcholanthrene	2024-02	ug/L								< 10					
3-Methylcholanthrene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
3-Methylcholanthrene	2024-05	ug/L													
3-Methylcholanthrene	2024-10	ug/L													
3-Nitroaniline	2009-04	ug/L													
3-Nitroaniline	2009-07	ug/L													
3-Nitroaniline	2010-04	ug/L													
3-Nitroaniline	2011-06	ug/L													
3-Nitroaniline	2012-04	ug/L													
3-Nitroaniline	2012-06	ug/L					< 10.0		< 10.0						
3-Nitroaniline	2013-10	ug/L					< 10.3		< 10.3						
3-Nitroaniline	2014-03	ug/L													
3-Nitroaniline	2015-10	ug/L									< 10				
3-Nitroaniline	2016-01	ug/L									< 10.2	< 10			
3-Nitroaniline	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
3-Nitroaniline	2017-03	ug/L	< 10.4			< 10.4									
3-Nitroaniline	2018-03	ug/L									< 10				
3-Nitroaniline	2018-06	ug/L									< 10.8				
3-Nitroaniline	2018-09	ug/L					**0.91 J**		< 54.3						
3-Nitroaniline	2018-11	ug/L							< 10.9						
3-Nitroaniline	2019-04	ug/L										< 11.1			
3-Nitroaniline	2019-07	ug/L										< 10.8			
3-Nitroaniline	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
3-Nitroaniline	2022-04	ug/L													
3-Nitroaniline	2023-05	ug/L								< 11.4					

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3-Nitroaniline	2023-08	ug/L								< 12.8					
3-Nitroaniline	2023-11	ug/L								~~< 10.2 R~~					
3-Nitroaniline	2024-02	ug/L								< 9.26					
3-Nitroaniline	2024-04	ug/L													< 10
3-Nitroaniline	2024-05	ug/L				< 10									
3-Nitroaniline	2024-10	ug/L			< 10.4				< 10.4						
4,4'-DDD	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
4,4'-DDD	2009-07	ug/L							< 0.0320						
4,4'-DDD	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
4,4'-DDD	2011-06	ug/L											< 0.0320		
4,4'-DDD	2012-04	ug/L											< 0.0320		
4,4'-DDD	2012-06	ug/L													
4,4'-DDD	2013-10	ug/L													
4,4'-DDD	2014-03	ug/L			< 0.0352	**0.00252 J**	< 0.0360	**0.00225 J**	< 0.0340		< 0.0337				
4,4'-DDD	2014-06	ug/L				< 0.0333		< 0.0333							
4,4'-DDD	2014-09	ug/L				< 0.0356		< 0.0356							
4,4'-DDD	2014-12	ug/L				< 0.0356		< 0.0352							
4,4'-DDD	2015-05	ug/L				< 0.0333		< 0.0348							< 0.0337
4,4'-DDD	2015-10	ug/L													
4,4'-DDD	2016-01	ug/L													
4,4'-DDD	2016-04	ug/L													< 0.0327
4,4'-DDD	2017-03	ug/L											**0.0136 J**		
4,4'-DDD	2018-03	ug/L													
4,4'-DDD	2018-06	ug/L													
4,4'-DDD	2018-09	ug/L													
4,4'-DDD	2018-11	ug/L													
4,4'-DDD	2019-04	ug/L			< 0.0352	**0.00228 J**			**0.00235 J**						
4,4'-DDD	2019-07	ug/L													
4,4'-DDD	2021-05	ug/L													< 0.0395
4,4'-DDD	2022-04	ug/L											< 0.0696		
4,4'-DDD	2023-05	ug/L								< 0.0681					
4,4'-DDD	2023-08	ug/L								< 0.0744					
4,4'-DDD	2023-11	ug/L								< 0.0667					
4,4'-DDD	2024-02	ug/L								< 0.0593					
4,4'-DDD	2024-04	ug/L													< 0.064
4,4'-DDD	2024-05	ug/L				< 0.064									
4,4'-DDD	2024-10	ug/L			< 0.0919				< 0.0921						
4,4'-DDE	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
4,4'-DDE	2009-07	ug/L							< 0.0320						
4,4'-DDE	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
4,4'-DDE	2011-06	ug/L											< 0.0320		
4,4'-DDE	2012-04	ug/L											< 0.0320		
4,4'-DDE	2012-06	ug/L													
4,4'-DDE	2013-10	ug/L													
4,4'-DDE	2014-03	ug/L			< 0.0352	**0.00345 J**	< 0.0360	< 0.0364	< 0.0340		< 0.0337				
4,4'-DDE	2014-06	ug/L				< 0.0333									
4,4'-DDE	2014-09	ug/L				< 0.0356									
4,4'-DDE	2014-12	ug/L				< 0.0356									
4,4'-DDE	2015-05	ug/L				< 0.0333									< 0.0337
4,4'-DDE	2015-10	ug/L													
4,4'-DDE	2016-01	ug/L													
4,4'-DDE	2016-04	ug/L													< 0.0327
4,4'-DDE	2017-03	ug/L											< 0.16		

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3-Nitroaniline	2023-08	ug/L								< 11.6					
3-Nitroaniline	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
3-Nitroaniline	2024-02	ug/L								< 10					
3-Nitroaniline	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
3-Nitroaniline	2024-05	ug/L													
3-Nitroaniline	2024-10	ug/L													
4,4'-DDD	2009-04	ug/L													
4,4'-DDD	2009-07	ug/L													
4,4'-DDD	2010-04	ug/L													
4,4'-DDD	2011-06	ug/L													
4,4'-DDD	2012-04	ug/L													
4,4'-DDD	2012-06	ug/L					< 0.0320		< 0.0320						
4,4'-DDD	2013-10	ug/L					< 0.0327		< 0.0327						
4,4'-DDD	2014-03	ug/L													
4,4'-DDD	2014-06	ug/L													
4,4'-DDD	2014-09	ug/L													
4,4'-DDD	2014-12	ug/L													
4,4'-DDD	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
4,4'-DDD	2015-10	ug/L									< 0.162				
4,4'-DDD	2016-01	ug/L									< 0.032 J	< 0.032 J			
4,4'-DDD	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
4,4'-DDD	2017-03	ug/L	< 0.0323			< 0.0337									
4,4'-DDD	2018-03	ug/L									< 0.032				
4,4'-DDD	2018-06	ug/L									< 0.0364				
4,4'-DDD	2018-09	ug/L					< 0.0348		< 0.0344						
4,4'-DDD	2018-11	ug/L							**0.00407 J**						
4,4'-DDD	2019-04	ug/L										< 0.0352			
4,4'-DDD	2019-07	ug/L										< 0.0356			
4,4'-DDD	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
4,4'-DDD	2022-04	ug/L													
4,4'-DDD	2023-05	ug/L								< 0.0711					
4,4'-DDD	2023-08	ug/L								< 0.0696					
4,4'-DDD	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
4,4'-DDD	2024-02	ug/L								< 0.064					
4,4'-DDD	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
4,4'-DDD	2024-05	ug/L													
4,4'-DDD	2024-10	ug/L													
4,4'-DDE	2009-04	ug/L													
4,4'-DDE	2009-07	ug/L													
4,4'-DDE	2010-04	ug/L													
4,4'-DDE	2011-06	ug/L													
4,4'-DDE	2012-04	ug/L													
4,4'-DDE	2012-06	ug/L					< 0.0320		< 0.0320						
4,4'-DDE	2013-10	ug/L					< 0.0327		< 0.0327						
4,4'-DDE	2014-03	ug/L													
4,4'-DDE	2014-06	ug/L													
4,4'-DDE	2014-09	ug/L													
4,4'-DDE	2014-12	ug/L													
4,4'-DDE	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
4,4'-DDE	2015-10	ug/L									< 0.162				
4,4'-DDE	2016-01	ug/L									**0.00249 J**	< 0.032			
4,4'-DDE	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
4,4'-DDE	2017-03	ug/L	< 0.0323			< 0.0337									

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4,4'-DDE	2018-03	ug/L													
4,4'-DDE	2018-06	ug/L													
4,4'-DDE	2018-09	ug/L													
4,4'-DDE	2018-11	ug/L													
4,4'-DDE	2019-04	ug/L			< 0.0352	< 0.0348			**0.00299 J**						
4,4'-DDE	2019-07	ug/L													
4,4'-DDE	2021-05	ug/L													< 0.0395
4,4'-DDE	2022-04	ug/L											< 0.0696		
4,4'-DDE	2023-05	ug/L								< 0.0681					
4,4'-DDE	2023-08	ug/L								< 0.0744					
4,4'-DDE	2023-11	ug/L								< 0.0667					
4,4'-DDE	2024-02	ug/L								< 0.0593					
4,4'-DDE	2024-04	ug/L													< 0.064
4,4'-DDE	2024-05	ug/L				< 0.064									
4,4'-DDE	2024-10	ug/L			< 0.0919				< 0.0921						
4,4'-DDT	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
4,4'-DDT	2009-07	ug/L							< 0.0320						
4,4'-DDT	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
4,4'-DDT	2011-06	ug/L											< 0.0320		
4,4'-DDT	2012-04	ug/L											< 0.0320		
4,4'-DDT	2012-06	ug/L													
4,4'-DDT	2013-10	ug/L													
4,4'-DDT	2014-03	ug/L			< 0.0352	**0.00593 J**	< 0.0360	< 0.0364	**0.00681 J**		< 0.0337				
4,4'-DDT	2014-06	ug/L				< 0.0333			**0.00729 J**						
4,4'-DDT	2014-09	ug/L				< 0.0356			**0.00642 J**						
4,4'-DDT	2014-12	ug/L				< 0.0356			< 0.0333						
4,4'-DDT	2015-05	ug/L				< 0.0333			< 0.0337						< 0.0337
4,4'-DDT	2015-10	ug/L													
4,4'-DDT	2016-01	ug/L													
4,4'-DDT	2016-04	ug/L													< 0.0327
4,4'-DDT	2017-03	ug/L											< 0.16		
4,4'-DDT	2018-03	ug/L													
4,4'-DDT	2018-06	ug/L													
4,4'-DDT	2018-09	ug/L													
4,4'-DDT	2018-11	ug/L													
4,4'-DDT	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
4,4'-DDT	2019-07	ug/L													
4,4'-DDT	2021-05	ug/L													< 0.0395
4,4'-DDT	2022-04	ug/L											< 0.0696		
4,4'-DDT	2023-05	ug/L								< 0.0681					
4,4'-DDT	2023-08	ug/L								< 0.0744					
4,4'-DDT	2023-11	ug/L								< 0.0667					
4,4'-DDT	2024-02	ug/L								< 0.0593					
4,4'-DDT	2024-04	ug/L													< 0.064
4,4'-DDT	2024-05	ug/L				< 0.064									
4,4'-DDT	2024-10	ug/L			< 0.0919				< 0.0921						
4,6-Dinitro-2-methylphenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
4,6-Dinitro-2-methylphenol	2009-07	ug/L							< 10.0						
4,6-Dinitro-2-methylphenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
4,6-Dinitro-2-methylphenol	2011-06	ug/L											< 10.0		
4,6-Dinitro-2-methylphenol	2012-04	ug/L											< 10.0		
4,6-Dinitro-2-methylphenol	2012-06	ug/L													
4,6-Dinitro-2-methylphenol	2013-10	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
4,4'-DDE	2018-03	ug/L									< 0.032				
4,4'-DDE	2018-06	ug/L									< 0.0364				
4,4'-DDE	2018-09	ug/L					< 0.0348		< 0.0344						
4,4'-DDE	2018-11	ug/L							< 0.0333						
4,4'-DDE	2019-04	ug/L										< 0.0352			
4,4'-DDE	2019-07	ug/L										< 0.0356			
4,4'-DDE	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
4,4'-DDE	2022-04	ug/L													
4,4'-DDE	2023-05	ug/L								< 0.0711					
4,4'-DDE	2023-08	ug/L								< 0.0696					
4,4'-DDE	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
4,4'-DDE	2024-02	ug/L								< 0.064					
4,4'-DDE	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
4,4'-DDE	2024-05	ug/L													
4,4'-DDE	2024-10	ug/L													
4,4'-DDT	2009-04	ug/L													
4,4'-DDT	2009-07	ug/L													
4,4'-DDT	2010-04	ug/L													
4,4'-DDT	2011-06	ug/L													
4,4'-DDT	2012-04	ug/L													
4,4'-DDT	2012-06	ug/L					< 0.0320		< 0.0320						
4,4'-DDT	2013-10	ug/L					< 0.0327		< 0.0327						
4,4'-DDT	2014-03	ug/L													
4,4'-DDT	2014-06	ug/L													
4,4'-DDT	2014-09	ug/L													
4,4'-DDT	2014-12	ug/L													
4,4'-DDT	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
4,4'-DDT	2015-10	ug/L									< 0.162				
4,4'-DDT	2016-01	ug/L									< 0.032	< 0.032			
4,4'-DDT	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
4,4'-DDT	2017-03	ug/L	< 0.0323			< 0.0337									
4,4'-DDT	2018-03	ug/L									< 0.032				
4,4'-DDT	2018-06	ug/L									< 0.0364				
4,4'-DDT	2018-09	ug/L					< 0.0348		< 0.0344						
4,4'-DDT	2018-11	ug/L							< 0.0333						
4,4'-DDT	2019-04	ug/L										< 0.0352			
4,4'-DDT	2019-07	ug/L										< 0.0356			
4,4'-DDT	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
4,4'-DDT	2022-04	ug/L													
4,4'-DDT	2023-05	ug/L								< 0.0711					
4,4'-DDT	2023-08	ug/L								< 0.0696					
4,4'-DDT	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
4,4'-DDT	2024-02	ug/L								< 0.064					
4,4'-DDT	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
4,4'-DDT	2024-05	ug/L													
4,4'-DDT	2024-10	ug/L													
4,6-Dinitro-2-methylphenol	2009-04	ug/L													
4,6-Dinitro-2-methylphenol	2009-07	ug/L													
4,6-Dinitro-2-methylphenol	2010-04	ug/L													
4,6-Dinitro-2-methylphenol	2011-06	ug/L													
4,6-Dinitro-2-methylphenol	2012-04	ug/L													
4,6-Dinitro-2-methylphenol	2012-06	ug/L					< 10.0		< 10.0						
4,6-Dinitro-2-methylphenol	2013-10	ug/L					< 10.3		< 10.3						

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
4,6-Dinitro-2-methylphenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
4,6-Dinitro-2-methylphenol	2015-10	ug/L													
4,6-Dinitro-2-methylphenol	2016-01	ug/L													
4,6-Dinitro-2-methylphenol	2016-04	ug/L													< 10.3
4,6-Dinitro-2-methylphenol	2017-03	ug/L											< 10.1		
4,6-Dinitro-2-methylphenol	2018-03	ug/L													
4,6-Dinitro-2-methylphenol	2018-06	ug/L													
4,6-Dinitro-2-methylphenol	2018-09	ug/L													
4,6-Dinitro-2-methylphenol	2018-11	ug/L													
4,6-Dinitro-2-methylphenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
4,6-Dinitro-2-methylphenol	2019-07	ug/L													
4,6-Dinitro-2-methylphenol	2021-05	ug/L													< 10.9
4,6-Dinitro-2-methylphenol	2022-04	ug/L											< 10		
4,6-Dinitro-2-methylphenol	2023-05	ug/L								< 10.4					
4,6-Dinitro-2-methylphenol	2023-08	ug/L								< 12.8					
4,6-Dinitro-2-methylphenol	2023-11	ug/L								< 10.2					
4,6-Dinitro-2-methylphenol	2024-02	ug/L								< 9.26					
4,6-Dinitro-2-methylphenol	2024-04	ug/L													< 10
4,6-Dinitro-2-methylphenol	2024-05	ug/L				< 10									
4,6-Dinitro-2-methylphenol	2024-10	ug/L			< 10.4				< 10.4						
4-Aminobiphenyl	2009-04	ug/L			< 20.0	< 20.0	< 22.2	< 22.2			< 20.0				
4-Aminobiphenyl	2009-07	ug/L							< 10.0						
4-Aminobiphenyl	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
4-Aminobiphenyl	2011-06	ug/L											< 10.0		
4-Aminobiphenyl	2012-04	ug/L											< 10.0		
4-Aminobiphenyl	2012-06	ug/L													
4-Aminobiphenyl	2013-10	ug/L													
4-Aminobiphenyl	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
4-Aminobiphenyl	2015-10	ug/L													
4-Aminobiphenyl	2016-01	ug/L													
4-Aminobiphenyl	2016-04	ug/L													< 10.3
4-Aminobiphenyl	2017-03	ug/L											< 10.1		
4-Aminobiphenyl	2018-03	ug/L													
4-Aminobiphenyl	2018-06	ug/L													
4-Aminobiphenyl	2018-09	ug/L													
4-Aminobiphenyl	2018-11	ug/L													
4-Aminobiphenyl	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
4-Aminobiphenyl	2019-07	ug/L													
4-Aminobiphenyl	2021-05	ug/L													< 10.9
4-Aminobiphenyl	2022-04	ug/L											< 10		
4-Aminobiphenyl	2023-05	ug/L								< 10.4					
4-Aminobiphenyl	2023-08	ug/L								< 12.8					
4-Aminobiphenyl	2023-11	ug/L								~~< 10.2 R~~					
4-Aminobiphenyl	2024-02	ug/L								< 9.26					
4-Aminobiphenyl	2024-04	ug/L													< 10
4-Aminobiphenyl	2024-05	ug/L				< 10									
4-Aminobiphenyl	2024-10	ug/L			< 10.4				< 10.4						
4-Bromophenyl Phenyl Ether	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
4-Bromophenyl Phenyl Ether	2009-07	ug/L							< 10.0						
4-Bromophenyl Phenyl Ether	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
4-Bromophenyl Phenyl Ether	2011-06	ug/L											< 10.0		
4-Bromophenyl Phenyl Ether	2012-04	ug/L											< 10.0		
4-Bromophenyl Phenyl Ether	2012-06	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
4,6-Dinitro-2-methylphenol	2014-03	ug/L													
4,6-Dinitro-2-methylphenol	2015-10	ug/L									< 10				
4,6-Dinitro-2-methylphenol	2016-01	ug/L									< 10.2	< 10			
4,6-Dinitro-2-methylphenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
4,6-Dinitro-2-methylphenol	2017-03	ug/L	< 10.4			< 10.4									
4,6-Dinitro-2-methylphenol	2018-03	ug/L									< 10				
4,6-Dinitro-2-methylphenol	2018-06	ug/L									< 10.8				
4,6-Dinitro-2-methylphenol	2018-09	ug/L					< 10.9		< 54.3						
4,6-Dinitro-2-methylphenol	2018-11	ug/L							< 10.9						
4,6-Dinitro-2-methylphenol	2019-04	ug/L										< 11.1			
4,6-Dinitro-2-methylphenol	2019-07	ug/L										< 10.8			
4,6-Dinitro-2-methylphenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
4,6-Dinitro-2-methylphenol	2022-04	ug/L													
4,6-Dinitro-2-methylphenol	2023-05	ug/L								< 11.4					
4,6-Dinitro-2-methylphenol	2023-08	ug/L								< 11.6					
4,6-Dinitro-2-methylphenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
4,6-Dinitro-2-methylphenol	2024-02	ug/L								< 10					
4,6-Dinitro-2-methylphenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
4,6-Dinitro-2-methylphenol	2024-05	ug/L													
4,6-Dinitro-2-methylphenol	2024-10	ug/L													
4-Aminobiphenyl	2009-04	ug/L													
4-Aminobiphenyl	2009-07	ug/L													
4-Aminobiphenyl	2010-04	ug/L													
4-Aminobiphenyl	2011-06	ug/L													
4-Aminobiphenyl	2012-04	ug/L													
4-Aminobiphenyl	2012-06	ug/L					< 10.0		< 10.0						
4-Aminobiphenyl	2013-10	ug/L					< 10.3		< 10.3						
4-Aminobiphenyl	2014-03	ug/L													
4-Aminobiphenyl	2015-10	ug/L									< 10				
4-Aminobiphenyl	2016-01	ug/L									< 10.2	< 10			
4-Aminobiphenyl	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
4-Aminobiphenyl	2017-03	ug/L	< 10.4			< 10.4									
4-Aminobiphenyl	2018-03	ug/L									< 10				
4-Aminobiphenyl	2018-06	ug/L									< 10.8				
4-Aminobiphenyl	2018-09	ug/L					< 10.9		< 54.3						
4-Aminobiphenyl	2018-11	ug/L							< 10.9						
4-Aminobiphenyl	2019-04	ug/L										< 11.1			
4-Aminobiphenyl	2019-07	ug/L										< 10.8			
4-Aminobiphenyl	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
4-Aminobiphenyl	2022-04	ug/L													
4-Aminobiphenyl	2023-05	ug/L								< 11.4					
4-Aminobiphenyl	2023-08	ug/L								< 11.6					
4-Aminobiphenyl	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
4-Aminobiphenyl	2024-02	ug/L								< 10					
4-Aminobiphenyl	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
4-Aminobiphenyl	2024-05	ug/L													
4-Aminobiphenyl	2024-10	ug/L													
4-Bromophenyl Phenyl Ether	2009-04	ug/L													
4-Bromophenyl Phenyl Ether	2009-07	ug/L													
4-Bromophenyl Phenyl Ether	2010-04	ug/L													
4-Bromophenyl Phenyl Ether	2011-06	ug/L													
4-Bromophenyl Phenyl Ether	2012-04	ug/L													
4-Bromophenyl Phenyl Ether	2012-06	ug/L					< 10.0		< 10.0						

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
4-Bromophenyl Phenyl Ether	2013-10	ug/L													
4-Bromophenyl Phenyl Ether	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
4-Bromophenyl Phenyl Ether	2015-10	ug/L													
4-Bromophenyl Phenyl Ether	2016-01	ug/L													
4-Bromophenyl Phenyl Ether	2016-04	ug/L													< 10.3
4-Bromophenyl Phenyl Ether	2017-03	ug/L											< 10.1		
4-Bromophenyl Phenyl Ether	2018-03	ug/L													
4-Bromophenyl Phenyl Ether	2018-06	ug/L													
4-Bromophenyl Phenyl Ether	2018-09	ug/L													
4-Bromophenyl Phenyl Ether	2018-11	ug/L													
4-Bromophenyl Phenyl Ether	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
4-Bromophenyl Phenyl Ether	2019-07	ug/L													
4-Bromophenyl Phenyl Ether	2021-05	ug/L													< 10.9
4-Bromophenyl Phenyl Ether	2022-04	ug/L											< 10		
4-Bromophenyl Phenyl Ether	2023-05	ug/L								< 10.4					
4-Bromophenyl Phenyl Ether	2023-08	ug/L								< 12.8					
4-Bromophenyl Phenyl Ether	2023-11	ug/L								< 10.2					
4-Bromophenyl Phenyl Ether	2024-02	ug/L								< 9.26					
4-Bromophenyl Phenyl Ether	2024-04	ug/L													< 10
4-Bromophenyl Phenyl Ether	2024-05	ug/L				< 10									
4-Bromophenyl Phenyl Ether	2024-10	ug/L			< 10.4				< 10.4						
4-Chloro-3-methylphenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
4-Chloro-3-methylphenol	2009-07	ug/L							< 10.0						
4-Chloro-3-methylphenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
4-Chloro-3-methylphenol	2011-06	ug/L											< 10.0		
4-Chloro-3-methylphenol	2012-04	ug/L											< 10.0		
4-Chloro-3-methylphenol	2012-06	ug/L													
4-Chloro-3-methylphenol	2013-10	ug/L													
4-Chloro-3-methylphenol	2014-03	ug/L			< 10.5	**1.18 J**	< 11.5	< 11.5	< 10.6		< 11.4				
4-Chloro-3-methylphenol	2014-06	ug/L				< 10.6									
4-Chloro-3-methylphenol	2014-09	ug/L				< 10.0									
4-Chloro-3-methylphenol	2014-12	ug/L				< 10.0									
4-Chloro-3-methylphenol	2015-05	ug/L				< 10.2									< 11
4-Chloro-3-methylphenol	2015-10	ug/L													
4-Chloro-3-methylphenol	2016-01	ug/L													
4-Chloro-3-methylphenol	2016-04	ug/L													< 10.3
4-Chloro-3-methylphenol	2017-03	ug/L											< 10.1		
4-Chloro-3-methylphenol	2018-03	ug/L													
4-Chloro-3-methylphenol	2018-06	ug/L													
4-Chloro-3-methylphenol	2018-09	ug/L													
4-Chloro-3-methylphenol	2018-11	ug/L													
4-Chloro-3-methylphenol	2019-04	ug/L			< 10.4	**1.86 J**			< 10.5						
4-Chloro-3-methylphenol	2019-07	ug/L													
4-Chloro-3-methylphenol	2021-05	ug/L													< 10.9
4-Chloro-3-methylphenol	2022-04	ug/L											< 10		
4-Chloro-3-methylphenol	2023-05	ug/L								< 10.4					
4-Chloro-3-methylphenol	2023-08	ug/L								< 12.8					
4-Chloro-3-methylphenol	2023-11	ug/L								< 10.2					
4-Chloro-3-methylphenol	2024-02	ug/L								< 9.26					
4-Chloro-3-methylphenol	2024-04	ug/L													< 10
4-Chloro-3-methylphenol	2024-05	ug/L				< 10									
4-Chloro-3-methylphenol	2024-10	ug/L			< 10.4				< 10.4						
4-Chloroaniline	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				

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4-Bromophenyl Phenyl Ether	2013-10	ug/L					< 10.3		< 10.3						
4-Bromophenyl Phenyl Ether	2014-03	ug/L													
4-Bromophenyl Phenyl Ether	2015-10	ug/L									< 10				
4-Bromophenyl Phenyl Ether	2016-01	ug/L									< 10.2	< 10			
4-Bromophenyl Phenyl Ether	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
4-Bromophenyl Phenyl Ether	2017-03	ug/L	< 10.4			< 10.4									
4-Bromophenyl Phenyl Ether	2018-03	ug/L									< 10				
4-Bromophenyl Phenyl Ether	2018-06	ug/L									< 10.8				
4-Bromophenyl Phenyl Ether	2018-09	ug/L					< 10.9		< 54.3						
4-Bromophenyl Phenyl Ether	2018-11	ug/L							< 10.9						
4-Bromophenyl Phenyl Ether	2019-04	ug/L										< 11.1			
4-Bromophenyl Phenyl Ether	2019-07	ug/L										< 10.8			
4-Bromophenyl Phenyl Ether	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
4-Bromophenyl Phenyl Ether	2022-04	ug/L													
4-Bromophenyl Phenyl Ether	2023-05	ug/L								< 11.4					
4-Bromophenyl Phenyl Ether	2023-08	ug/L								< 11.6					
4-Bromophenyl Phenyl Ether	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
4-Bromophenyl Phenyl Ether	2024-02	ug/L								< 10					
4-Bromophenyl Phenyl Ether	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
4-Bromophenyl Phenyl Ether	2024-05	ug/L													
4-Bromophenyl Phenyl Ether	2024-10	ug/L													
4-Chloro-3-methylphenol	2009-04	ug/L													
4-Chloro-3-methylphenol	2009-07	ug/L													
4-Chloro-3-methylphenol	2010-04	ug/L													
4-Chloro-3-methylphenol	2011-06	ug/L													
4-Chloro-3-methylphenol	2012-04	ug/L													
4-Chloro-3-methylphenol	2012-06	ug/L					< 10.0		< 10.0						
4-Chloro-3-methylphenol	2013-10	ug/L					< 10.3		< 10.3						
4-Chloro-3-methylphenol	2014-03	ug/L													
4-Chloro-3-methylphenol	2014-06	ug/L													
4-Chloro-3-methylphenol	2014-09	ug/L													
4-Chloro-3-methylphenol	2014-12	ug/L													
4-Chloro-3-methylphenol	2015-05	ug/L		< 10	< 10							< 11	< 10.9		
4-Chloro-3-methylphenol	2015-10	ug/L									< 10				
4-Chloro-3-methylphenol	2016-01	ug/L									< 10.2	< 10			
4-Chloro-3-methylphenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
4-Chloro-3-methylphenol	2017-03	ug/L	< 10.4			< 10.4									
4-Chloro-3-methylphenol	2018-03	ug/L									< 10				
4-Chloro-3-methylphenol	2018-06	ug/L									< 10.8				
4-Chloro-3-methylphenol	2018-09	ug/L					< 10.9		< 54.3						
4-Chloro-3-methylphenol	2018-11	ug/L							< 10.9						
4-Chloro-3-methylphenol	2019-04	ug/L										< 11.1			
4-Chloro-3-methylphenol	2019-07	ug/L										< 10.8			
4-Chloro-3-methylphenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
4-Chloro-3-methylphenol	2022-04	ug/L													
4-Chloro-3-methylphenol	2023-05	ug/L								< 11.4					
4-Chloro-3-methylphenol	2023-08	ug/L								< 11.6					
4-Chloro-3-methylphenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
4-Chloro-3-methylphenol	2024-02	ug/L								< 10					
4-Chloro-3-methylphenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
4-Chloro-3-methylphenol	2024-05	ug/L													
4-Chloro-3-methylphenol	2024-10	ug/L													
4-Chloroaniline	2009-04	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
4-Chloroaniline	2009-07	ug/L							< 10.0						
4-Chloroaniline	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
4-Chloroaniline	2011-06	ug/L											< 10.0		
4-Chloroaniline	2012-04	ug/L											< 10.0		
4-Chloroaniline	2012-06	ug/L													
4-Chloroaniline	2013-10	ug/L													
4-Chloroaniline	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
4-Chloroaniline	2015-10	ug/L													
4-Chloroaniline	2016-01	ug/L													
4-Chloroaniline	2016-04	ug/L													< 10.3
4-Chloroaniline	2017-03	ug/L											< 10.1		
4-Chloroaniline	2018-03	ug/L													
4-Chloroaniline	2018-06	ug/L													
4-Chloroaniline	2018-09	ug/L													
4-Chloroaniline	2018-11	ug/L													
4-Chloroaniline	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
4-Chloroaniline	2019-07	ug/L													
4-Chloroaniline	2021-05	ug/L													< 10.9
4-Chloroaniline	2022-04	ug/L											< 10		
4-Chloroaniline	2023-05	ug/L								< 10.4					
4-Chloroaniline	2023-08	ug/L								< 12.8					
4-Chloroaniline	2023-11	ug/L								~~< 10.2 R~~					
4-Chloroaniline	2024-02	ug/L								< 9.26					
4-Chloroaniline	2024-04	ug/L													< 10
4-Chloroaniline	2024-05	ug/L				< 10									
4-Chloroaniline	2024-10	ug/L			< 10.4				< 10.4						
4-Chlorophenyl Phenyl Ether	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
4-Chlorophenyl Phenyl Ether	2009-07	ug/L							< 10.0						
4-Chlorophenyl Phenyl Ether	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
4-Chlorophenyl Phenyl Ether	2011-06	ug/L											< 10.0		
4-Chlorophenyl Phenyl Ether	2012-04	ug/L											< 10.0		
4-Chlorophenyl Phenyl Ether	2012-06	ug/L													
4-Chlorophenyl Phenyl Ether	2013-10	ug/L													
4-Chlorophenyl Phenyl Ether	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
4-Chlorophenyl Phenyl Ether	2015-10	ug/L													
4-Chlorophenyl Phenyl Ether	2016-01	ug/L													
4-Chlorophenyl Phenyl Ether	2016-04	ug/L													< 10.3
4-Chlorophenyl Phenyl Ether	2017-03	ug/L											< 10.1		
4-Chlorophenyl Phenyl Ether	2018-03	ug/L													
4-Chlorophenyl Phenyl Ether	2018-06	ug/L													
4-Chlorophenyl Phenyl Ether	2018-09	ug/L													
4-Chlorophenyl Phenyl Ether	2018-11	ug/L													
4-Chlorophenyl Phenyl Ether	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
4-Chlorophenyl Phenyl Ether	2019-07	ug/L													
4-Chlorophenyl Phenyl Ether	2021-05	ug/L													< 10.9
4-Chlorophenyl Phenyl Ether	2022-04	ug/L											< 10		
4-Chlorophenyl Phenyl Ether	2023-05	ug/L								< 10.4					
4-Chlorophenyl Phenyl Ether	2023-08	ug/L								< 12.8					
4-Chlorophenyl Phenyl Ether	2023-11	ug/L								< 10.2					
4-Chlorophenyl Phenyl Ether	2024-02	ug/L								< 9.26					
4-Chlorophenyl Phenyl Ether	2024-04	ug/L													< 10
4-Chlorophenyl Phenyl Ether	2024-05	ug/L				< 10									
4-Chlorophenyl Phenyl Ether	2024-10	ug/L			< 10.4				< 10.4						

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
4-Chloroaniline	2009-07	ug/L													
4-Chloroaniline	2010-04	ug/L													
4-Chloroaniline	2011-06	ug/L													
4-Chloroaniline	2012-04	ug/L													
4-Chloroaniline	2012-06	ug/L					< 10.0		< 10.0						
4-Chloroaniline	2013-10	ug/L					< 10.3		< 10.3						
4-Chloroaniline	2014-03	ug/L													
4-Chloroaniline	2015-10	ug/L									< 10				
4-Chloroaniline	2016-01	ug/L									< 10.2	< 10			
4-Chloroaniline	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
4-Chloroaniline	2017-03	ug/L	< 10.4			< 10.4									
4-Chloroaniline	2018-03	ug/L									< 10				
4-Chloroaniline	2018-06	ug/L									< 10.8				
4-Chloroaniline	2018-09	ug/L					< 10.9		< 54.3						
4-Chloroaniline	2018-11	ug/L							< 10.9						
4-Chloroaniline	2019-04	ug/L										< 11.1			
4-Chloroaniline	2019-07	ug/L										< 10.8			
4-Chloroaniline	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
4-Chloroaniline	2022-04	ug/L													
4-Chloroaniline	2023-05	ug/L								< 11.4					
4-Chloroaniline	2023-08	ug/L								< 11.6					
4-Chloroaniline	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
4-Chloroaniline	2024-02	ug/L								< 10					
4-Chloroaniline	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
4-Chloroaniline	2024-05	ug/L													
4-Chloroaniline	2024-10	ug/L													
4-Chlorophenyl Phenyl Ether	2009-04	ug/L													
4-Chlorophenyl Phenyl Ether	2009-07	ug/L													
4-Chlorophenyl Phenyl Ether	2010-04	ug/L													
4-Chlorophenyl Phenyl Ether	2011-06	ug/L													
4-Chlorophenyl Phenyl Ether	2012-04	ug/L													
4-Chlorophenyl Phenyl Ether	2012-06	ug/L					< 10.0		< 10.0						
4-Chlorophenyl Phenyl Ether	2013-10	ug/L					< 10.3		< 10.3						
4-Chlorophenyl Phenyl Ether	2014-03	ug/L													
4-Chlorophenyl Phenyl Ether	2015-10	ug/L									< 10				
4-Chlorophenyl Phenyl Ether	2016-01	ug/L									< 10.2	< 10			
4-Chlorophenyl Phenyl Ether	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
4-Chlorophenyl Phenyl Ether	2017-03	ug/L	< 10.4			< 10.4									
4-Chlorophenyl Phenyl Ether	2018-03	ug/L									< 10				
4-Chlorophenyl Phenyl Ether	2018-06	ug/L									< 10.8				
4-Chlorophenyl Phenyl Ether	2018-09	ug/L					< 10.9		< 54.3						
4-Chlorophenyl Phenyl Ether	2018-11	ug/L							< 10.9						
4-Chlorophenyl Phenyl Ether	2019-04	ug/L										< 11.1			
4-Chlorophenyl Phenyl Ether	2019-07	ug/L										< 10.8			
4-Chlorophenyl Phenyl Ether	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
4-Chlorophenyl Phenyl Ether	2022-04	ug/L													
4-Chlorophenyl Phenyl Ether	2023-05	ug/L								< 11.4					
4-Chlorophenyl Phenyl Ether	2023-08	ug/L								< 11.6					
4-Chlorophenyl Phenyl Ether	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
4-Chlorophenyl Phenyl Ether	2024-02	ug/L								< 10					
4-Chlorophenyl Phenyl Ether	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
4-Chlorophenyl Phenyl Ether	2024-05	ug/L													
4-Chlorophenyl Phenyl Ether	2024-10	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
4-Methyl-2-pentanone	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	
4-Methyl-2-pentanone	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
4-Methyl-2-pentanone	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
4-Methyl-2-pentanone	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
4-Methyl-2-pentanone	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
4-Methyl-2-pentanone	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
4-Methyl-2-pentanone	2009-07	ug/L							< 10.0			< 10.0			
4-Methyl-2-pentanone	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
4-Methyl-2-pentanone	2009-12	ug/L							< 10.0			< 10.0			
4-Methyl-2-pentanone	2010-02	ug/L										< 10.0			
4-Methyl-2-pentanone	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
4-Methyl-2-pentanone	2010-06	ug/L										< 10.0			< 10.0
4-Methyl-2-pentanone	2010-08	ug/L													< 10.0
4-Methyl-2-pentanone	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2010-12	ug/L													< 10.0
4-Methyl-2-pentanone	2011-02	ug/L													< 10.0
4-Methyl-2-pentanone	2011-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2011-06	ug/L											< 10.0		< 10.0
4-Methyl-2-pentanone	2011-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	**0.310 J**	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2011-12	ug/L	< 10.0												< 10.0
4-Methyl-2-pentanone	2012-02	ug/L	< 10.0												
4-Methyl-2-pentanone	2012-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2012-06	ug/L	< 10.0												
4-Methyl-2-pentanone	2012-08	ug/L	< 10.0												
4-Methyl-2-pentanone	2012-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2013-01	ug/L													
4-Methyl-2-pentanone	2013-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2013-06	ug/L													
4-Methyl-2-pentanone	2013-08	ug/L													
4-Methyl-2-pentanone	2013-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2013-12	ug/L													
4-Methyl-2-pentanone	2014-03	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2014-09	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
4-Methyl-2-pentanone	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2016-01	ug/L													
4-Methyl-2-pentanone	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2016-07	ug/L		< 10											
4-Methyl-2-pentanone	2016-09	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2016-12	ug/L		< 10											
4-Methyl-2-pentanone	2017-03	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2017-11	ug/L													
4-Methyl-2-pentanone	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2018-06	ug/L													
4-Methyl-2-pentanone	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2018-11	ug/L													
4-Methyl-2-pentanone	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~
4-Methyl-2-pentanone	2019-05	ug/L		< 10											
4-Methyl-2-pentanone	2019-07	ug/L													
4-Methyl-2-pentanone	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2020-04	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
4-Methyl-2-pentanone	2007-10	ug/L													
4-Methyl-2-pentanone	2008-01	ug/L													
4-Methyl-2-pentanone	2008-04	ug/L													
4-Methyl-2-pentanone	2008-07	ug/L													
4-Methyl-2-pentanone	2008-10	ug/L													
4-Methyl-2-pentanone	2009-04	ug/L													
4-Methyl-2-pentanone	2009-07	ug/L													
4-Methyl-2-pentanone	2009-10	ug/L													
4-Methyl-2-pentanone	2009-12	ug/L													
4-Methyl-2-pentanone	2010-02	ug/L													
4-Methyl-2-pentanone	2010-04	ug/L													
4-Methyl-2-pentanone	2010-06	ug/L													
4-Methyl-2-pentanone	2010-08	ug/L													
4-Methyl-2-pentanone	2010-10	ug/L													
4-Methyl-2-pentanone	2010-12	ug/L													
4-Methyl-2-pentanone	2011-02	ug/L													
4-Methyl-2-pentanone	2011-04	ug/L													
4-Methyl-2-pentanone	2011-06	ug/L													
4-Methyl-2-pentanone	2011-10	ug/L													
4-Methyl-2-pentanone	2011-12	ug/L													
4-Methyl-2-pentanone	2012-02	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2012-04	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2012-06	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2012-08	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2012-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2013-01	ug/L		< 10.0	< 10.0										
4-Methyl-2-pentanone	2013-04	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2013-06	ug/L		< 10.0	< 10.0										
4-Methyl-2-pentanone	2013-08	ug/L		< 10.0	< 10.0										
4-Methyl-2-pentanone	2013-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2013-12	ug/L		< 10.0	< 10.0										
4-Methyl-2-pentanone	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
4-Methyl-2-pentanone	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
4-Methyl-2-pentanone	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2016-01	ug/L									< 10	< 10		< 10	< 10
4-Methyl-2-pentanone	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2016-07	ug/L												< 10	< 10
4-Methyl-2-pentanone	2016-09	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2016-12	ug/L													
4-Methyl-2-pentanone	2017-03	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2017-11	ug/L						< 10							
4-Methyl-2-pentanone	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2018-06	ug/L						< 10			< 10				
4-Methyl-2-pentanone	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2018-11	ug/L							< 10						
4-Methyl-2-pentanone	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~	< 10	< 10
4-Methyl-2-pentanone	2019-05	ug/L													
4-Methyl-2-pentanone	2019-07	ug/L										< 10			
4-Methyl-2-pentanone	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2020-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
4-Methyl-2-pentanone	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2021-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2022-04	ug/L		< 10		< 10						< 10	< 10		< 10
4-Methyl-2-pentanone	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2023-05	ug/L	< 10	< 10		< 10				< 10		< 10	< 10		< 10
4-Methyl-2-pentanone	2023-08	ug/L								< 10					
4-Methyl-2-pentanone	2023-11	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2024-02	ug/L								< 10					
4-Methyl-2-pentanone	2024-04	ug/L		< 10									< 10		< 10
4-Methyl-2-pentanone	2024-05	ug/L				< 10						< 10			
4-Methyl-2-pentanone	2024-09	ug/L													
4-Methyl-2-pentanone	2024-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2025-04	ug/L	< 10	< 10		< 10						< 10	< 10		< 10
4-Methyl-2-pentanone	2025-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methylphenol	2013-10	ug/L													
4-Methylphenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
4-Nitroaniline	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
4-Nitroaniline	2009-07	ug/L							< 10.0						
4-Nitroaniline	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
4-Nitroaniline	2011-06	ug/L											< 10.0		
4-Nitroaniline	2012-04	ug/L											< 10.0		
4-Nitroaniline	2012-06	ug/L													
4-Nitroaniline	2013-10	ug/L													
4-Nitroaniline	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
4-Nitroaniline	2015-10	ug/L													
4-Nitroaniline	2016-01	ug/L													
4-Nitroaniline	2016-04	ug/L													< 10.3
4-Nitroaniline	2017-03	ug/L											< 10.1		
4-Nitroaniline	2018-03	ug/L													
4-Nitroaniline	2018-06	ug/L													
4-Nitroaniline	2018-09	ug/L													
4-Nitroaniline	2018-11	ug/L													
4-Nitroaniline	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
4-Nitroaniline	2019-07	ug/L													
4-Nitroaniline	2021-05	ug/L													< 10.9
4-Nitroaniline	2022-04	ug/L											< 10		
4-Nitroaniline	2023-05	ug/L								< 10.4					
4-Nitroaniline	2023-08	ug/L								< 12.8					
4-Nitroaniline	2023-11	ug/L								< 10.2					
4-Nitroaniline	2024-02	ug/L								< 9.26					
4-Nitroaniline	2024-04	ug/L													< 10
4-Nitroaniline	2024-05	ug/L				< 10									
4-Nitroaniline	2024-10	ug/L			< 10.4				< 10.4						
4-Nitrophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
4-Nitrophenol	2009-07	ug/L							< 10.0						
4-Nitrophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
4-Nitrophenol	2011-06	ug/L											< 10.0		
4-Nitrophenol	2012-04	ug/L											< 10.0		
4-Nitrophenol	2012-06	ug/L													
4-Nitrophenol	2013-10	ug/L													
4-Nitrophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
4-Nitrophenol	2015-10	ug/L													
4-Nitrophenol	2016-01	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
4-Methyl-2-pentanone	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2021-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2022-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
4-Methyl-2-pentanone	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2023-05	ug/L	< 10	< 10	< 10	< 10	< 10			< 10		< 10	< 10		
4-Methyl-2-pentanone	2023-08	ug/L								< 10					
4-Methyl-2-pentanone	2023-11	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2024-02	ug/L								< 10					
4-Methyl-2-pentanone	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
4-Methyl-2-pentanone	2024-05	ug/L													
4-Methyl-2-pentanone	2024-09	ug/L		< 10	< 10	< 10							< 10		
4-Methyl-2-pentanone	2024-10	ug/L	< 10				< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10
4-Methyl-2-pentanone	2025-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
4-Methyl-2-pentanone	2025-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methylphenol	2013-10	ug/L					< 10.3		< 10.3						
4-Methylphenol	2014-03	ug/L													
4-Nitroaniline	2009-04	ug/L													
4-Nitroaniline	2009-07	ug/L													
4-Nitroaniline	2010-04	ug/L													
4-Nitroaniline	2011-06	ug/L													
4-Nitroaniline	2012-04	ug/L													
4-Nitroaniline	2012-06	ug/L					< 10.0		< 10.0						
4-Nitroaniline	2013-10	ug/L					< 10.3		< 10.3						
4-Nitroaniline	2014-03	ug/L													
4-Nitroaniline	2015-10	ug/L									< 10				
4-Nitroaniline	2016-01	ug/L									< 10.2	< 10			
4-Nitroaniline	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
4-Nitroaniline	2017-03	ug/L	< 10.4			< 10.4									
4-Nitroaniline	2018-03	ug/L									< 10				
4-Nitroaniline	2018-06	ug/L									< 10.8				
4-Nitroaniline	2018-09	ug/L					< 10.9		< 54.3						
4-Nitroaniline	2018-11	ug/L							< 10.9						
4-Nitroaniline	2019-04	ug/L										< 11.1			
4-Nitroaniline	2019-07	ug/L										< 10.8			
4-Nitroaniline	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
4-Nitroaniline	2022-04	ug/L													
4-Nitroaniline	2023-05	ug/L								< 11.4					
4-Nitroaniline	2023-08	ug/L								< 11.6					
4-Nitroaniline	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
4-Nitroaniline	2024-02	ug/L								< 10					
4-Nitroaniline	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
4-Nitroaniline	2024-05	ug/L													
4-Nitroaniline	2024-10	ug/L													
4-Nitrophenol	2009-04	ug/L													
4-Nitrophenol	2009-07	ug/L													
4-Nitrophenol	2010-04	ug/L													
4-Nitrophenol	2011-06	ug/L													
4-Nitrophenol	2012-04	ug/L													
4-Nitrophenol	2012-06	ug/L					< 10.0		< 10.0						
4-Nitrophenol	2013-10	ug/L					< 10.3		< 10.3						
4-Nitrophenol	2014-03	ug/L													
4-Nitrophenol	2015-10	ug/L									< 10				
4-Nitrophenol	2016-01	ug/L									< 10.2	< 10			

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4-Nitrophenol	2016-04	ug/L													< 10.3
4-Nitrophenol	2017-03	ug/L											< 10.1		
4-Nitrophenol	2018-03	ug/L													
4-Nitrophenol	2018-06	ug/L													
4-Nitrophenol	2018-09	ug/L													
4-Nitrophenol	2018-11	ug/L													
4-Nitrophenol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
4-Nitrophenol	2019-07	ug/L													
4-Nitrophenol	2021-05	ug/L													< 10.9
4-Nitrophenol	2022-04	ug/L											< 10		
4-Nitrophenol	2023-05	ug/L								< 10.4					
4-Nitrophenol	2023-08	ug/L								< 12.8					
4-Nitrophenol	2023-11	ug/L								< 10.2					
4-Nitrophenol	2024-02	ug/L								< 9.26					
4-Nitrophenol	2024-04	ug/L													< 10
4-Nitrophenol	2024-05	ug/L				< 10									
4-Nitrophenol	2024-10	ug/L			< 10.4				< 10.4						
5-Nitro-o-toluidine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
5-Nitro-o-toluidine	2009-07	ug/L							< 10.0						
5-Nitro-o-toluidine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
5-Nitro-o-toluidine	2011-06	ug/L											< 10.0		
5-Nitro-o-toluidine	2012-04	ug/L											< 10.0		
5-Nitro-o-toluidine	2012-06	ug/L													
5-Nitro-o-toluidine	2013-10	ug/L													
5-Nitro-o-toluidine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
5-Nitro-o-toluidine	2015-10	ug/L													
5-Nitro-o-toluidine	2016-01	ug/L													
5-Nitro-o-toluidine	2016-04	ug/L													< 10.3
5-Nitro-o-toluidine	2017-03	ug/L											< 10.1		
5-Nitro-o-toluidine	2018-03	ug/L													
5-Nitro-o-toluidine	2018-06	ug/L													
5-Nitro-o-toluidine	2018-09	ug/L													
5-Nitro-o-toluidine	2018-11	ug/L													
5-Nitro-o-toluidine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
5-Nitro-o-toluidine	2019-07	ug/L													
5-Nitro-o-toluidine	2021-05	ug/L													< 10.9
5-Nitro-o-toluidine	2022-04	ug/L											< 10		
5-Nitro-o-toluidine	2023-05	ug/L								< 10.4					
5-Nitro-o-toluidine	2023-08	ug/L								< 12.8					
5-Nitro-o-toluidine	2023-11	ug/L								< 10.2					
5-Nitro-o-toluidine	2024-02	ug/L								< 9.26					
5-Nitro-o-toluidine	2024-04	ug/L													< 10
5-Nitro-o-toluidine	2024-05	ug/L				< 10									
5-Nitro-o-toluidine	2024-10	ug/L			< 10.4				< 10.4						
7,12-Dimethylbenz(a)anthracene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
7,12-Dimethylbenz(a)anthracene	2009-07	ug/L							< 10.0						
7,12-Dimethylbenz(a)anthracene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
7,12-Dimethylbenz(a)anthracene	2011-06	ug/L											< 10.0		
7,12-Dimethylbenz(a)anthracene	2012-04	ug/L											< 10.0		
7,12-Dimethylbenz(a)anthracene	2012-06	ug/L													
7,12-Dimethylbenz(a)anthracene	2013-10	ug/L													
7,12-Dimethylbenz(a)anthracene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
7,12-Dimethylbenz(a)anthracene	2015-10	ug/L													

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4-Nitrophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
4-Nitrophenol	2017-03	ug/L	< 10.4			< 10.4									
4-Nitrophenol	2018-03	ug/L									< 10				
4-Nitrophenol	2018-06	ug/L									< 10.8				
4-Nitrophenol	2018-09	ug/L					< 10.9		< 54.3						
4-Nitrophenol	2018-11	ug/L							< 10.9						
4-Nitrophenol	2019-04	ug/L										< 11.1			
4-Nitrophenol	2019-07	ug/L										< 10.8			
4-Nitrophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
4-Nitrophenol	2022-04	ug/L													
4-Nitrophenol	2023-05	ug/L								< 11.4					
4-Nitrophenol	2023-08	ug/L								< 11.6					
4-Nitrophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
4-Nitrophenol	2024-02	ug/L								< 10					
4-Nitrophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
4-Nitrophenol	2024-05	ug/L													
4-Nitrophenol	2024-10	ug/L													
5-Nitro-o-toluidine	2009-04	ug/L													
5-Nitro-o-toluidine	2009-07	ug/L													
5-Nitro-o-toluidine	2010-04	ug/L													
5-Nitro-o-toluidine	2011-06	ug/L													
5-Nitro-o-toluidine	2012-04	ug/L													
5-Nitro-o-toluidine	2012-06	ug/L					< 10.0		< 10.0						
5-Nitro-o-toluidine	2013-10	ug/L					< 10.3		< 10.3						
5-Nitro-o-toluidine	2014-03	ug/L													
5-Nitro-o-toluidine	2015-10	ug/L									< 10				
5-Nitro-o-toluidine	2016-01	ug/L									< 10.2	< 10			
5-Nitro-o-toluidine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
5-Nitro-o-toluidine	2017-03	ug/L	< 10.4			< 10.4									
5-Nitro-o-toluidine	2018-03	ug/L									< 10				
5-Nitro-o-toluidine	2018-06	ug/L									< 10.8				
5-Nitro-o-toluidine	2018-09	ug/L					< 10.9		< 54.3						
5-Nitro-o-toluidine	2018-11	ug/L							< 10.9						
5-Nitro-o-toluidine	2019-04	ug/L										< 11.1			
5-Nitro-o-toluidine	2019-07	ug/L										< 10.8			
5-Nitro-o-toluidine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
5-Nitro-o-toluidine	2022-04	ug/L													
5-Nitro-o-toluidine	2023-05	ug/L								< 11.4					
5-Nitro-o-toluidine	2023-08	ug/L								< 11.6					
5-Nitro-o-toluidine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
5-Nitro-o-toluidine	2024-02	ug/L								< 10					
5-Nitro-o-toluidine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
5-Nitro-o-toluidine	2024-05	ug/L													
5-Nitro-o-toluidine	2024-10	ug/L													
7,12-Dimethylbenz(a)anthracene	2009-04	ug/L													
7,12-Dimethylbenz(a)anthracene	2009-07	ug/L													
7,12-Dimethylbenz(a)anthracene	2010-04	ug/L													
7,12-Dimethylbenz(a)anthracene	2011-06	ug/L													
7,12-Dimethylbenz(a)anthracene	2012-04	ug/L													
7,12-Dimethylbenz(a)anthracene	2012-06	ug/L					< 10.0		< 10.0						
7,12-Dimethylbenz(a)anthracene	2013-10	ug/L					< 10.3		< 10.3						
7,12-Dimethylbenz(a)anthracene	2014-03	ug/L													
7,12-Dimethylbenz(a)anthracene	2015-10	ug/L									< 10				

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7,12-Dimethylbenz(a)anthracene	2016-01	ug/L													
7,12-Dimethylbenz(a)anthracene	2016-04	ug/L													< 10.3
7,12-Dimethylbenz(a)anthracene	2017-03	ug/L											< 10.1		
7,12-Dimethylbenz(a)anthracene	2018-03	ug/L													
7,12-Dimethylbenz(a)anthracene	2018-06	ug/L													
7,12-Dimethylbenz(a)anthracene	2018-09	ug/L													
7,12-Dimethylbenz(a)anthracene	2018-11	ug/L													
7,12-Dimethylbenz(a)anthracene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
7,12-Dimethylbenz(a)anthracene	2019-07	ug/L													
7,12-Dimethylbenz(a)anthracene	2021-05	ug/L													< 10.9
7,12-Dimethylbenz(a)anthracene	2022-04	ug/L											< 10		
7,12-Dimethylbenz(a)anthracene	2023-05	ug/L								< 10.4					
7,12-Dimethylbenz(a)anthracene	2023-08	ug/L								< 12.8					
7,12-Dimethylbenz(a)anthracene	2023-11	ug/L								< 10.2					
7,12-Dimethylbenz(a)anthracene	2024-02	ug/L								< 9.26					
7,12-Dimethylbenz(a)anthracene	2024-04	ug/L													< 10
7,12-Dimethylbenz(a)anthracene	2024-05	ug/L				< 10									
7,12-Dimethylbenz(a)anthracene	2024-10	ug/L			< 10.4				< 10.4						
Acenaphthene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Acenaphthene	2009-07	ug/L							< 10.0						
Acenaphthene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Acenaphthene	2011-06	ug/L											< 10.0		
Acenaphthene	2012-04	ug/L											< 10.0		
Acenaphthene	2012-06	ug/L													
Acenaphthene	2013-10	ug/L													
Acenaphthene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Acenaphthene	2015-10	ug/L													
Acenaphthene	2016-01	ug/L													
Acenaphthene	2016-04	ug/L													< 10.3
Acenaphthene	2017-03	ug/L											< 10.1		
Acenaphthene	2018-03	ug/L													
Acenaphthene	2018-06	ug/L													
Acenaphthene	2018-09	ug/L													
Acenaphthene	2018-11	ug/L													
Acenaphthene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Acenaphthene	2019-07	ug/L													
Acenaphthene	2021-05	ug/L													< 10.9
Acenaphthene	2022-04	ug/L											< 10		
Acenaphthene	2023-05	ug/L								< 10.4					
Acenaphthene	2023-08	ug/L								< 12.8					
Acenaphthene	2023-11	ug/L								< 10.2					
Acenaphthene	2024-02	ug/L								< 9.26					
Acenaphthene	2024-04	ug/L													< 10
Acenaphthene	2024-05	ug/L				< 10									
Acenaphthene	2024-10	ug/L			< 10.4				< 10.4						
Acenaphthylene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Acenaphthylene	2009-07	ug/L							< 10.0						
Acenaphthylene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Acenaphthylene	2011-06	ug/L											< 10.0		
Acenaphthylene	2012-04	ug/L											< 10.0		
Acenaphthylene	2012-06	ug/L													
Acenaphthylene	2013-10	ug/L													
Acenaphthylene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				

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7,12-Dimethylbenz(a)anthracene	2016-01	ug/L									< 10.2	< 10			
7,12-Dimethylbenz(a)anthracene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
7,12-Dimethylbenz(a)anthracene	2017-03	ug/L	< 10.4			< 10.4									
7,12-Dimethylbenz(a)anthracene	2018-03	ug/L									< 10				
7,12-Dimethylbenz(a)anthracene	2018-06	ug/L									< 10.8				
7,12-Dimethylbenz(a)anthracene	2018-09	ug/L					< 10.9		< 54.3						
7,12-Dimethylbenz(a)anthracene	2018-11	ug/L							< 10.9						
7,12-Dimethylbenz(a)anthracene	2019-04	ug/L										< 11.1			
7,12-Dimethylbenz(a)anthracene	2019-07	ug/L										< 10.8			
7,12-Dimethylbenz(a)anthracene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
7,12-Dimethylbenz(a)anthracene	2022-04	ug/L													
7,12-Dimethylbenz(a)anthracene	2023-05	ug/L								< 11.4					
7,12-Dimethylbenz(a)anthracene	2023-08	ug/L								< 23.3					
7,12-Dimethylbenz(a)anthracene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
7,12-Dimethylbenz(a)anthracene	2024-02	ug/L								< 10					
7,12-Dimethylbenz(a)anthracene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
7,12-Dimethylbenz(a)anthracene	2024-05	ug/L													
7,12-Dimethylbenz(a)anthracene	2024-10	ug/L													
Acenaphthene	2009-04	ug/L													
Acenaphthene	2009-07	ug/L													
Acenaphthene	2010-04	ug/L													
Acenaphthene	2011-06	ug/L													
Acenaphthene	2012-04	ug/L													
Acenaphthene	2012-06	ug/L					< 10.0		< 10.0						
Acenaphthene	2013-10	ug/L					< 10.3		< 10.3						
Acenaphthene	2014-03	ug/L													
Acenaphthene	2015-10	ug/L									< 10				
Acenaphthene	2016-01	ug/L									< 10.2	< 10			
Acenaphthene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Acenaphthene	2017-03	ug/L	< 10.4			< 10.4									
Acenaphthene	2018-03	ug/L									< 10				
Acenaphthene	2018-06	ug/L									< 10.8				
Acenaphthene	2018-09	ug/L					< 10.9		< 54.3						
Acenaphthene	2018-11	ug/L							< 10.9						
Acenaphthene	2019-04	ug/L										< 11.1			
Acenaphthene	2019-07	ug/L										< 10.8			
Acenaphthene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Acenaphthene	2022-04	ug/L													
Acenaphthene	2023-05	ug/L								< 11.4					
Acenaphthene	2023-08	ug/L								< 11.6					
Acenaphthene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Acenaphthene	2024-02	ug/L								< 10					
Acenaphthene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Acenaphthene	2024-05	ug/L													
Acenaphthene	2024-10	ug/L													
Acenaphthylene	2009-04	ug/L													
Acenaphthylene	2009-07	ug/L													
Acenaphthylene	2010-04	ug/L													
Acenaphthylene	2011-06	ug/L													
Acenaphthylene	2012-04	ug/L													
Acenaphthylene	2012-06	ug/L					< 10.0		< 10.0						
Acenaphthylene	2013-10	ug/L					< 10.3		< 10.3						
Acenaphthylene	2014-03	ug/L													

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Acenaphthylene	2015-10	ug/L													
Acenaphthylene	2016-01	ug/L													
Acenaphthylene	2016-04	ug/L													< 10.3
Acenaphthylene	2017-03	ug/L											< 10.1		
Acenaphthylene	2018-03	ug/L													
Acenaphthylene	2018-06	ug/L													
Acenaphthylene	2018-09	ug/L													
Acenaphthylene	2018-11	ug/L													
Acenaphthylene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Acenaphthylene	2019-07	ug/L													
Acenaphthylene	2021-05	ug/L													< 10.9
Acenaphthylene	2022-04	ug/L											< 10		
Acenaphthylene	2023-05	ug/L								< 10.4					
Acenaphthylene	2023-08	ug/L								< 12.8					
Acenaphthylene	2023-11	ug/L								< 10.2					
Acenaphthylene	2024-02	ug/L								< 9.26					
Acenaphthylene	2024-04	ug/L													< 10
Acenaphthylene	2024-05	ug/L				< 10									
Acenaphthylene	2024-10	ug/L			< 10.4				< 10.4						
Acetone	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	
Acetone	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Acetone	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Acetone	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Acetone	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Acetone	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Acetone	2009-07	ug/L							< 10.0			< 10.0			
Acetone	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Acetone	2009-12	ug/L							< 10.0			< 10.0			
Acetone	2010-02	ug/L										< 10.0			
Acetone	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Acetone	2010-06	ug/L										< 10.0			< 10.0
Acetone	2010-08	ug/L													< 10.0
Acetone	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acetone	2010-12	ug/L													< 10.0
Acetone	2011-02	ug/L													< 10.0
Acetone	2011-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acetone	2011-06	ug/L											< 10.0		< 10.0
Acetone	2011-10	ug/L			< 10.0	< 10.0	< 10.0	**2.73 J**	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acetone	2011-12	ug/L	< 10.0												< 10.0
Acetone	2012-02	ug/L	**2.55 J**												
Acetone	2012-04	ug/L	**3.37 J**		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acetone	2012-06	ug/L	< 10.0												
Acetone	2012-08	ug/L	< 10.0												
Acetone	2012-10	ug/L	< 10.0		< 10.0	**1.85 J**	< 10.0	**3.37 J**	< 10.0	< 10.0	**2.04 J**	< 10.0	< 10.0	< 10.0	< 10.0
Acetone	2013-01	ug/L													
Acetone	2013-04	ug/L	**16.5**		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acetone	2013-06	ug/L													
Acetone	2013-08	ug/L													
Acetone	2013-10	ug/L	**3.76 J**		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	**3.94 J**
Acetone	2013-12	ug/L													
Acetone	2014-03	ug/L	**68.7**		< 10.0	< 10.0	< 10.0	**4.32 J**	**3.61 J**	**3.17 J**	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acetone	2014-09	ug/L	< 10.0		< 10.0	**2.92 J**	< 10.0	**3.07 J**	< 10.0	< 10.0	< 10.0	**1.86 J**	< 10.0	**1.97 J**	< 10.0
Acetone	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Acenaphthylene	2015-10	ug/L									< 10				
Acenaphthylene	2016-01	ug/L									< 10.2	< 10			
Acenaphthylene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Acenaphthylene	2017-03	ug/L	< 10.4			< 10.4									
Acenaphthylene	2018-03	ug/L									< 10				
Acenaphthylene	2018-06	ug/L									< 10.8				
Acenaphthylene	2018-09	ug/L					< 10.9		< 54.3						
Acenaphthylene	2018-11	ug/L							< 10.9						
Acenaphthylene	2019-04	ug/L										< 11.1			
Acenaphthylene	2019-07	ug/L										< 10.8			
Acenaphthylene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Acenaphthylene	2022-04	ug/L													
Acenaphthylene	2023-05	ug/L								< 11.4					
Acenaphthylene	2023-08	ug/L								< 11.6					
Acenaphthylene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Acenaphthylene	2024-02	ug/L								< 10					
Acenaphthylene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Acenaphthylene	2024-05	ug/L													
Acenaphthylene	2024-10	ug/L													
Acetone	2007-10	ug/L													
Acetone	2008-01	ug/L													
Acetone	2008-04	ug/L													
Acetone	2008-07	ug/L													
Acetone	2008-10	ug/L													
Acetone	2009-04	ug/L													
Acetone	2009-07	ug/L													
Acetone	2009-10	ug/L													
Acetone	2009-12	ug/L													
Acetone	2010-02	ug/L													
Acetone	2010-04	ug/L													
Acetone	2010-06	ug/L													
Acetone	2010-08	ug/L													
Acetone	2010-10	ug/L													
Acetone	2010-12	ug/L													
Acetone	2011-02	ug/L													
Acetone	2011-04	ug/L													
Acetone	2011-06	ug/L													
Acetone	2011-10	ug/L													
Acetone	2011-12	ug/L													
Acetone	2012-02	ug/L					< 10.0		**3.16 J**	**2.38 J**	**6.52 J**	< 10.0	< 10.0		
Acetone	2012-04	ug/L					**2.22 J**		< 10.0	**1.92 J**	< 10.0	< 10.0	< 10.0		
Acetone	2012-06	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acetone	2012-08	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acetone	2012-10	ug/L		< 10.0	< 10.0		< 10.0		**2.19 J**	< 10.0	< 10.0	< 10.0	< 10.0		
Acetone	2013-01	ug/L		< 10.0	< 10.0										
Acetone	2013-04	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acetone	2013-06	ug/L		< 10.0	< 10.0										
Acetone	2013-08	ug/L		< 10.0	< 10.0										
Acetone	2013-10	ug/L		**3.39 J**	**2.04 J**		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	**2.65 J**		
Acetone	2013-12	ug/L		< 10.0	< 10.0										
Acetone	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	**2.59 J**	**2.91 J**	**2.32 J**	< 10.0		
Acetone	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acetone	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		

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Acetone	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2016-01	ug/L													
Acetone	2016-04	ug/L	< 10	**2.99 J**	< 10	< 10	**3.35 J**	< 10 J	< 10	< 10	**2.54 J**	**5.67 J**	**730**	< 10	< 10
Acetone	2016-07	ug/L		< 10											
Acetone	2016-09	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2016-12	ug/L		**2.64 J**											
Acetone	2017-03	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**441**	< 10	< 10
Acetone	2017-08	ug/L	< 10	< 10	**2.9 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**5.03 J**	< 10	< 10
Acetone	2017-11	ug/L													
Acetone	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	**17**	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2018-06	ug/L						< 10							
Acetone	2018-09	ug/L	**6.77 J**	**7.23 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**3.16 J**	< 10	< 10	< 10
Acetone	2018-11	ug/L													
Acetone	2019-04	ug/L	**12.9**	**11.9**	< 10	**5.2 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~
Acetone	2019-05	ug/L		< 10											
Acetone	2019-07	ug/L													
Acetone	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2020-04	ug/L		**3.11 J**	**33**	< 10	< 10	< 10	**3.74 J**	< 10	**3.52 J**	< 10	< 10	< 10	< 10
Acetone	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2021-05	ug/L	< 10	**3.92 J**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2021-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**9.37 J**	< 10	< 10
Acetone	2022-04	ug/L		< 10		< 10						< 10	< 10		< 10
Acetone	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2023-05	ug/L	< 10	< 10		< 10				< 10		< 10	< 10		< 10
Acetone	2023-08	ug/L								< 10					
Acetone	2023-11	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	**6.27 J**	< 10	< 10	< 10	< 10
Acetone	2024-02	ug/L								< 10					
Acetone	2024-04	ug/L		< 10									< 10		< 10
Acetone	2024-05	ug/L				< 10						< 10			
Acetone	2024-09	ug/L													
Acetone	2024-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**3.16 J**	< 10	< 10	< 10	< 10
Acetone	2025-04	ug/L	< 10	< 10		< 10						< 10	< 10		< 10
Acetone	2025-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	**3.53 J**	< 10	< 10	< 10	< 10	< 10
Acetonitrile	2009-04	mg/L			< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Acetonitrile	2009-07	mg/L							< 10						
Acetonitrile	2010-04	mg/L			< 10	< 10	< 10	< 10	< 10		< 10				
Acetonitrile	2011-06	mg/L											< 10		
Acetonitrile	2012-04	mg/L											< 10		
Acetonitrile	2012-06	mg/L													
Acetonitrile	2013-10	mg/L													
Acetonitrile	2013-12	mg/L													
Acetonitrile	2014-03	mg/L			< 10	< 10	< 10	< 10	< 10		< 10				
Acetonitrile	2014-06	mg/L													
Acetonitrile	2015-10	mg/L													
Acetonitrile	2016-01	mg/L													
Acetonitrile	2016-04	mg/L													< 10
Acetonitrile	2017-03	mg/L											< 10		
Acetonitrile	2018-03	mg/L													
Acetonitrile	2018-06	mg/L													
Acetonitrile	2018-09	mg/L													
Acetonitrile	2018-11	mg/L													
Acetonitrile	2019-04	mg/L			< 10	< 10			< 10						
Acetonitrile	2019-07	mg/L													

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Acetone	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2016-01	ug/L									< 10	< 10		< 10	< 10
Acetone	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2016-07	ug/L												< 10	< 10
Acetone	2016-09	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2016-12	ug/L													
Acetone	2017-03	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**4.76 J**	< 10	**4.25 J**	< 10	< 10
Acetone	2017-11	ug/L						< 10							
Acetone	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2018-06	ug/L						< 10			< 10				
Acetone	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	**3.32 J**	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2018-11	ug/L							< 10						
Acetone	2019-04	ug/L	< 10	< 10	< 10	< 10	**5.59 J**	< 10	**4.51 J**	< 10	< 10	**4.74 J**	~~**5.65 J**~~	< 10	< 10
Acetone	2019-05	ug/L													
Acetone	2019-07	ug/L										< 10			
Acetone	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**123**	< 10	**12.6**	< 10	< 10
Acetone	2020-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**3.14 J**	< 10	< 10
Acetone	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	**4.48 J**	< 10	< 10	**11.1**	< 10	< 10	< 10	< 10
Acetone	2021-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2022-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
Acetone	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2023-05	ug/L	< 10	< 10	< 10	< 10	< 10			< 10		< 10	< 10		
Acetone	2023-08	ug/L								< 10					
Acetone	2023-11	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2024-02	ug/L								< 10					
Acetone	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
Acetone	2024-05	ug/L													
Acetone	2024-09	ug/L		< 10	< 10	< 10							**4.95 J**		
Acetone	2024-10	ug/L	< 10				< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10
Acetone	2025-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
Acetone	2025-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**3.64 J**	< 10	< 10	< 10	< 10	< 10
Acetonitrile	2009-04	mg/L													
Acetonitrile	2009-07	mg/L													
Acetonitrile	2010-04	mg/L													
Acetonitrile	2011-06	mg/L													
Acetonitrile	2012-04	mg/L													
Acetonitrile	2012-06	mg/L					< 10 J		< 10 J						
Acetonitrile	2013-10	mg/L					**0.760 J**		**1.26 J**						
Acetonitrile	2013-12	mg/L					< 10.0		< 10.0						
Acetonitrile	2014-03	mg/L					< 10		< 10						
Acetonitrile	2014-06	mg/L					< 10		< 10						
Acetonitrile	2015-10	mg/L									< 10				
Acetonitrile	2016-01	mg/L									< 10	< 10			
Acetonitrile	2016-04	mg/L		< 10	< 10						< 10	< 10	< 10		
Acetonitrile	2017-03	mg/L	< 10			< 10									
Acetonitrile	2018-03	mg/L									< 10				
Acetonitrile	2018-06	mg/L									< 10				
Acetonitrile	2018-09	mg/L					< 10		< 10						
Acetonitrile	2018-11	mg/L							< 10						
Acetonitrile	2019-04	mg/L										< 10			
Acetonitrile	2019-07	mg/L										< 10			

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Acetonitrile	2021-05	mg/L													< 10
Acetonitrile	2022-04	mg/L											< 10		
Acetonitrile	2023-05	ug/L								< 10000					
Acetonitrile	2023-08	ug/L								< 10000					
Acetonitrile	2023-11	ug/L								< 10000					
Acetonitrile	2024-02	ug/L								< 10000					
Acetonitrile	2024-04	ug/L													< 10000
Acetonitrile	2024-05	ug/L				< 10000									
Acetonitrile	2024-10	ug/L			< 10000				< 10000						
Acetophenone	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Acetophenone	2009-07	ug/L							< 10.0						
Acetophenone	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Acetophenone	2011-06	ug/L											< 10.0		
Acetophenone	2012-04	ug/L											< 10.0		
Acetophenone	2012-06	ug/L													
Acetophenone	2013-10	ug/L													
Acetophenone	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Acetophenone	2015-10	ug/L													
Acetophenone	2016-01	ug/L													
Acetophenone	2016-04	ug/L													< 10.3
Acetophenone	2017-03	ug/L											< 10.1		
Acetophenone	2018-03	ug/L													
Acetophenone	2018-06	ug/L													
Acetophenone	2018-09	ug/L													
Acetophenone	2018-11	ug/L													
Acetophenone	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Acetophenone	2019-07	ug/L													
Acetophenone	2021-05	ug/L													< 10.9
Acetophenone	2022-04	ug/L											< 10		
Acetophenone	2023-05	ug/L								< 10.4					
Acetophenone	2023-08	ug/L								< 12.8					
Acetophenone	2023-11	ug/L								< 10.2					
Acetophenone	2024-02	ug/L								< 9.26					
Acetophenone	2024-04	ug/L													< 10
Acetophenone	2024-05	ug/L				< 10									
Acetophenone	2024-10	ug/L			< 10.4				< 10.4						
Acrolein	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Acrolein	2009-07	ug/L							< 10.0						
Acrolein	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Acrolein	2011-06	ug/L											< 10.0		
Acrolein	2012-04	ug/L											< 10.0		
Acrolein	2012-06	ug/L													
Acrolein	2013-10	ug/L													
Acrolein	2014-03	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Acrolein	2015-10	ug/L													
Acrolein	2016-01	ug/L													
Acrolein	2016-04	ug/L													< 10
Acrolein	2017-03	ug/L											< 10		
Acrolein	2018-03	ug/L													
Acrolein	2018-06	ug/L													
Acrolein	2018-09	ug/L													
Acrolein	2018-11	ug/L													
Acrolein	2019-04	ug/L			< 10	< 10			< 10						

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Acetonitrile	2021-05	mg/L	< 10	< 10	< 10	< 10							< 10		
Acetonitrile	2022-04	mg/L													
Acetonitrile	2023-05	ug/L								< 10000					
Acetonitrile	2023-08	ug/L								< 10000					
Acetonitrile	2023-11	ug/L							< 10000	< 10000	< 10000				
Acetonitrile	2024-02	ug/L								< 10000					
Acetonitrile	2024-04	ug/L	< 10000	< 10000	< 10000	< 10000	< 10000						< 10000		
Acetonitrile	2024-05	ug/L													
Acetonitrile	2024-10	ug/L													
Acetophenone	2009-04	ug/L													
Acetophenone	2009-07	ug/L													
Acetophenone	2010-04	ug/L													
Acetophenone	2011-06	ug/L													
Acetophenone	2012-04	ug/L													
Acetophenone	2012-06	ug/L					< 10.0		< 10.0						
Acetophenone	2013-10	ug/L					< 10.3		< 10.3						
Acetophenone	2014-03	ug/L													
Acetophenone	2015-10	ug/L									< 10				
Acetophenone	2016-01	ug/L									< 10.2	< 10			
Acetophenone	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Acetophenone	2017-03	ug/L	< 10.4			< 10.4									
Acetophenone	2018-03	ug/L									< 10				
Acetophenone	2018-06	ug/L									< 10.8				
Acetophenone	2018-09	ug/L					< 10.9		< 54.3						
Acetophenone	2018-11	ug/L							< 10.9						
Acetophenone	2019-04	ug/L										< 11.1			
Acetophenone	2019-07	ug/L										< 10.8			
Acetophenone	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Acetophenone	2022-04	ug/L													
Acetophenone	2023-05	ug/L								< 11.4					
Acetophenone	2023-08	ug/L								< 11.6					
Acetophenone	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Acetophenone	2024-02	ug/L								< 10					
Acetophenone	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Acetophenone	2024-05	ug/L													
Acetophenone	2024-10	ug/L													
Acrolein	2009-04	ug/L													
Acrolein	2009-07	ug/L													
Acrolein	2010-04	ug/L													
Acrolein	2011-06	ug/L													
Acrolein	2012-04	ug/L													
Acrolein	2012-06	ug/L					< 10.0		< 10.0						
Acrolein	2013-10	ug/L					< 10.0		< 10.0						
Acrolein	2014-03	ug/L													
Acrolein	2015-10	ug/L									< 10				
Acrolein	2016-01	ug/L									< 10	< 10			
Acrolein	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Acrolein	2017-03	ug/L	< 10			< 10									
Acrolein	2018-03	ug/L									< 10				
Acrolein	2018-06	ug/L									< 10				
Acrolein	2018-09	ug/L					< 10		< 10						
Acrolein	2018-11	ug/L							< 10						
Acrolein	2019-04	ug/L										< 10			

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Acrolein	2019-07	ug/L													
Acrolein	2021-05	ug/L													< 10
Acrolein	2022-04	ug/L											< 10		
Acrolein	2023-05	ug/L								< 10					
Acrolein	2023-08	ug/L								< 10					
Acrolein	2023-11	ug/L								< 10					
Acrolein	2024-02	ug/L								< 10					
Acrolein	2024-04	ug/L													< 10
Acrolein	2024-05	ug/L				< 10									
Acrolein	2024-10	ug/L			< 10				< 10						
Acrylonitrile	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	
Acrylonitrile	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Acrylonitrile	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Acrylonitrile	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Acrylonitrile	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Acrylonitrile	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Acrylonitrile	2009-07	ug/L							< 10.0			< 10.0			
Acrylonitrile	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Acrylonitrile	2009-12	ug/L							< 10.0			< 10.0			
Acrylonitrile	2010-02	ug/L										< 10.0			
Acrylonitrile	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Acrylonitrile	2010-06	ug/L										< 10.0			< 10.0
Acrylonitrile	2010-08	ug/L													< 10.0
Acrylonitrile	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acrylonitrile	2010-12	ug/L													< 10.0
Acrylonitrile	2011-02	ug/L													< 10.0
Acrylonitrile	2011-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acrylonitrile	2011-06	ug/L											< 10.0		< 10.0
Acrylonitrile	2011-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acrylonitrile	2011-12	ug/L	< 10.0												< 10.0
Acrylonitrile	2012-02	ug/L	< 10.0												
Acrylonitrile	2012-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	**0.230 J**	< 10.0	< 10.0
Acrylonitrile	2012-06	ug/L	< 10.0												
Acrylonitrile	2012-08	ug/L	< 10.0												
Acrylonitrile	2012-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acrylonitrile	2013-01	ug/L													
Acrylonitrile	2013-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acrylonitrile	2013-06	ug/L													
Acrylonitrile	2013-08	ug/L													
Acrylonitrile	2013-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acrylonitrile	2013-12	ug/L													
Acrylonitrile	2014-03	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acrylonitrile	2014-09	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Acrylonitrile	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	2016-01	ug/L													
Acrylonitrile	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	2016-07	ug/L		< 10											
Acrylonitrile	2016-09	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	2016-12	ug/L		< 10											
Acrylonitrile	2017-03	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2017-11	ug/L													

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Acrolein	2019-07	ug/L										< 10			
Acrolein	2021-05	ug/L	< 10	< 10	< 10	< 10							< 10		
Acrolein	2022-04	ug/L													
Acrolein	2023-05	ug/L								< 10					
Acrolein	2023-08	ug/L								< 10					
Acrolein	2023-11	ug/L							< 10	< 10	< 10				
Acrolein	2024-02	ug/L								< 10					
Acrolein	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10						< 10		
Acrolein	2024-05	ug/L													
Acrolein	2024-10	ug/L													
Acrylonitrile	2007-10	ug/L													
Acrylonitrile	2008-01	ug/L													
Acrylonitrile	2008-04	ug/L													
Acrylonitrile	2008-07	ug/L													
Acrylonitrile	2008-10	ug/L													
Acrylonitrile	2009-04	ug/L													
Acrylonitrile	2009-07	ug/L													
Acrylonitrile	2009-10	ug/L													
Acrylonitrile	2009-12	ug/L													
Acrylonitrile	2010-02	ug/L													
Acrylonitrile	2010-04	ug/L													
Acrylonitrile	2010-06	ug/L													
Acrylonitrile	2010-08	ug/L													
Acrylonitrile	2010-10	ug/L													
Acrylonitrile	2010-12	ug/L													
Acrylonitrile	2011-02	ug/L													
Acrylonitrile	2011-04	ug/L													
Acrylonitrile	2011-06	ug/L													
Acrylonitrile	2011-10	ug/L													
Acrylonitrile	2011-12	ug/L													
Acrylonitrile	2012-02	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2012-04	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2012-06	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2012-08	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2012-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2013-01	ug/L		< 10.0	< 10.0										
Acrylonitrile	2013-04	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2013-06	ug/L		< 10.0	< 10.0										
Acrylonitrile	2013-08	ug/L		< 10.0	< 10.0										
Acrylonitrile	2013-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2013-12	ug/L		< 10.0	< 10.0										
Acrylonitrile	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Acrylonitrile	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
Acrylonitrile	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	2016-01	ug/L									< 10	< 10		< 10	< 10
Acrylonitrile	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	2016-07	ug/L												< 10	< 10
Acrylonitrile	2016-09	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	2016-12	ug/L													
Acrylonitrile	2017-03	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2017-11	ug/L						< 5							

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Acrylonitrile	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2018-06	ug/L													
Acrylonitrile	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2018-11	ug/L													
Acrylonitrile	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~
Acrylonitrile	2019-05	ug/L		< 5											
Acrylonitrile	2019-07	ug/L													
Acrylonitrile	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2020-04	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2021-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2022-04	ug/L		< 5		< 5						< 5	< 5		< 5
Acrylonitrile	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2023-05	ug/L	< 5	< 5		< 5				< 5		< 5	< 5		< 5
Acrylonitrile	2023-08	ug/L								< 5					
Acrylonitrile	2023-11	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2024-02	ug/L								< 5					
Acrylonitrile	2024-04	ug/L		< 5									< 5		< 5
Acrylonitrile	2024-05	ug/L				< 5						< 5			
Acrylonitrile	2024-09	ug/L													
Acrylonitrile	2024-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2025-04	ug/L	< 5	< 5		< 5						< 5	< 5		< 5
Acrylonitrile	2025-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aldrin	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Aldrin	2009-07	ug/L							< 0.0320						
Aldrin	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Aldrin	2011-06	ug/L											< 0.0320		
Aldrin	2012-04	ug/L											< 0.0320		
Aldrin	2012-06	ug/L													
Aldrin	2013-10	ug/L													
Aldrin	2014-03	ug/L			< 0.0352	**0.0129 J**	< 0.0360	< 0.0364	< 0.0340		< 0.0337				
Aldrin	2014-06	ug/L				< 0.0333									
Aldrin	2014-09	ug/L				< 0.0356									
Aldrin	2014-12	ug/L				< 0.0356									
Aldrin	2015-05	ug/L				< 0.0333									< 0.0337
Aldrin	2015-10	ug/L													
Aldrin	2016-01	ug/L													
Aldrin	2016-04	ug/L													< 0.0327
Aldrin	2017-03	ug/L											< 0.16		
Aldrin	2018-03	ug/L													
Aldrin	2018-06	ug/L													
Aldrin	2018-09	ug/L													
Aldrin	2018-11	ug/L													
Aldrin	2019-04	ug/L			< 0.0352	**0.0151 J**			< 0.0344						
Aldrin	2019-07	ug/L													
Aldrin	2021-05	ug/L													< 0.0395
Aldrin	2022-04	ug/L											< 0.0696		
Aldrin	2023-05	ug/L								< 0.0681					
Aldrin	2023-08	ug/L								< 0.0744					
Aldrin	2023-11	ug/L								< 0.0667					
Aldrin	2024-02	ug/L								< 0.0593					
Aldrin	2024-04	ug/L													< 0.064

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Acrylonitrile	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2018-06	ug/L						< 5			< 5				
Acrylonitrile	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2018-11	ug/L							< 5						
Acrylonitrile	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~	< 5	< 5
Acrylonitrile	2019-05	ug/L													
Acrylonitrile	2019-07	ug/L										< 5			
Acrylonitrile	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2020-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2021-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2022-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Acrylonitrile	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2023-05	ug/L	< 5	< 5	< 5	< 5	< 5			< 5		< 5	< 5		
Acrylonitrile	2023-08	ug/L								< 5					
Acrylonitrile	2023-11	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2024-02	ug/L								< 5					
Acrylonitrile	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Acrylonitrile	2024-05	ug/L													
Acrylonitrile	2024-09	ug/L		< 5	< 5	< 5							< 5		
Acrylonitrile	2024-10	ug/L	< 5				< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5
Acrylonitrile	2025-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Acrylonitrile	2025-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aldrin	2009-04	ug/L													
Aldrin	2009-07	ug/L													
Aldrin	2010-04	ug/L													
Aldrin	2011-06	ug/L													
Aldrin	2012-04	ug/L													
Aldrin	2012-06	ug/L					< 0.0320		< 0.0320						
Aldrin	2013-10	ug/L					< 0.0327		< 0.0327						
Aldrin	2014-03	ug/L													
Aldrin	2014-06	ug/L													
Aldrin	2014-09	ug/L													
Aldrin	2014-12	ug/L													
Aldrin	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
Aldrin	2015-10	ug/L									< 0.162				
Aldrin	2016-01	ug/L									< 0.032	< 0.032			
Aldrin	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Aldrin	2017-03	ug/L	< 0.0323			< 0.0337									
Aldrin	2018-03	ug/L									< 0.032				
Aldrin	2018-06	ug/L									< 0.0364				
Aldrin	2018-09	ug/L					< 0.0348		< 0.0344						
Aldrin	2018-11	ug/L							< 0.0333						
Aldrin	2019-04	ug/L										< 0.0352			
Aldrin	2019-07	ug/L										< 0.0356			
Aldrin	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Aldrin	2022-04	ug/L													
Aldrin	2023-05	ug/L								< 0.0711					
Aldrin	2023-08	ug/L								< 0.0696					
Aldrin	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Aldrin	2024-02	ug/L								< 0.064					
Aldrin	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		

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Aldrin	2024-05	ug/L				< 0.064									
Aldrin	2024-10	ug/L			< 0.0919				< 0.0921						
Allyl Chloride	2009-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				
Allyl Chloride	2009-07	ug/L							< 2.00						
Allyl Chloride	2010-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		< 2.00				
Allyl Chloride	2011-06	ug/L											< 4.00		
Allyl Chloride	2012-04	ug/L											< 2.00		
Allyl Chloride	2012-06	ug/L													
Allyl Chloride	2013-10	ug/L													
Allyl Chloride	2014-03	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		< 2.00				
Allyl Chloride	2015-10	ug/L													
Allyl Chloride	2016-01	ug/L													
Allyl Chloride	2016-04	ug/L													< 2
Allyl Chloride	2017-03	ug/L											< 2		
Allyl Chloride	2018-03	ug/L													
Allyl Chloride	2018-06	ug/L													
Allyl Chloride	2018-09	ug/L													
Allyl Chloride	2018-11	ug/L													
Allyl Chloride	2019-04	ug/L			< 2	< 2			< 2						
Allyl Chloride	2019-07	ug/L													
Allyl Chloride	2021-05	ug/L													< 2
Allyl Chloride	2022-04	ug/L											< 2		
Allyl Chloride	2023-05	ug/L								< 2					
Allyl Chloride	2023-08	ug/L								< 2					
Allyl Chloride	2023-11	ug/L								< 2					
Allyl Chloride	2024-02	ug/L								< 2					
Allyl Chloride	2024-04	ug/L													< 2
Allyl Chloride	2024-05	ug/L				< 2									
Allyl Chloride	2024-10	ug/L			< 2				< 2						
alpha-BHC	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
alpha-BHC	2009-07	ug/L							< 0.0320						
alpha-BHC	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
alpha-BHC	2011-06	ug/L											< 0.0320		
alpha-BHC	2012-04	ug/L											< 0.0320		
alpha-BHC	2012-06	ug/L													
alpha-BHC	2013-10	ug/L													
alpha-BHC	2013-12	ug/L													
alpha-BHC	2014-03	ug/L			< 0.0352	**0.00847 J**	< 0.0360	< 0.0364	**0.00255 J**		< 0.0337				
alpha-BHC	2014-06	ug/L				< 0.0333			**0.00321 J**						
alpha-BHC	2014-09	ug/L				< 0.0356			**0.00297 J**						
alpha-BHC	2014-12	ug/L				< 0.0356			**0.00325 J**						
alpha-BHC	2015-05	ug/L				< 0.0333			< 0.0337						< 0.0337
alpha-BHC	2015-10	ug/L													
alpha-BHC	2016-01	ug/L													
alpha-BHC	2016-04	ug/L													< 0.0327
alpha-BHC	2017-03	ug/L											< 0.16		
alpha-BHC	2018-03	ug/L													
alpha-BHC	2018-06	ug/L													
alpha-BHC	2018-09	ug/L													
alpha-BHC	2018-11	ug/L													
alpha-BHC	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
alpha-BHC	2019-07	ug/L													
alpha-BHC	2021-05	ug/L													< 0.0395

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Aldrin	2024-05	ug/L													
Aldrin	2024-10	ug/L													
Allyl Chloride	2009-04	ug/L													
Allyl Chloride	2009-07	ug/L													
Allyl Chloride	2010-04	ug/L													
Allyl Chloride	2011-06	ug/L													
Allyl Chloride	2012-04	ug/L													
Allyl Chloride	2012-06	ug/L					< 2.00		< 2.00						
Allyl Chloride	2013-10	ug/L					< 2.00		< 2.00						
Allyl Chloride	2014-03	ug/L													
Allyl Chloride	2015-10	ug/L									< 2				
Allyl Chloride	2016-01	ug/L									< 2	< 2			
Allyl Chloride	2016-04	ug/L		< 2	< 2						< 2	< 2	< 2		
Allyl Chloride	2017-03	ug/L	< 2			< 2									
Allyl Chloride	2018-03	ug/L									< 2				
Allyl Chloride	2018-06	ug/L									< 2				
Allyl Chloride	2018-09	ug/L					< 2		< 2						
Allyl Chloride	2018-11	ug/L							< 2						
Allyl Chloride	2019-04	ug/L										< 2			
Allyl Chloride	2019-07	ug/L										< 2			
Allyl Chloride	2021-05	ug/L	< 2	< 2	< 2	< 2							< 2		
Allyl Chloride	2022-04	ug/L													
Allyl Chloride	2023-05	ug/L								< 2					
Allyl Chloride	2023-08	ug/L								< 2					
Allyl Chloride	2023-11	ug/L							< 2	< 2	< 2				
Allyl Chloride	2024-02	ug/L								< 2					
Allyl Chloride	2024-04	ug/L	< 2	< 2	< 2	< 2	< 2						< 2		
Allyl Chloride	2024-05	ug/L													
Allyl Chloride	2024-10	ug/L													
alpha-BHC	2009-04	ug/L													
alpha-BHC	2009-07	ug/L													
alpha-BHC	2010-04	ug/L													
alpha-BHC	2011-06	ug/L													
alpha-BHC	2012-04	ug/L													
alpha-BHC	2012-06	ug/L					< 0.0320		< 0.0320						
alpha-BHC	2013-10	ug/L					**0.00231 J**		< 0.0327						
alpha-BHC	2013-12	ug/L					< 0.0327								
alpha-BHC	2014-03	ug/L					**0.00354 J**								
alpha-BHC	2014-06	ug/L					< 0.0330								
alpha-BHC	2014-09	ug/L													
alpha-BHC	2014-12	ug/L													
alpha-BHC	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
alpha-BHC	2015-10	ug/L									< 0.162				
alpha-BHC	2016-01	ug/L									< 0.032	< 0.032			
alpha-BHC	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
alpha-BHC	2017-03	ug/L	< 0.0323			< 0.0337									
alpha-BHC	2018-03	ug/L									< 0.032				
alpha-BHC	2018-06	ug/L									< 0.0364				
alpha-BHC	2018-09	ug/L					< 0.0348		< 0.0344						
alpha-BHC	2018-11	ug/L							< 0.0333						
alpha-BHC	2019-04	ug/L										< 0.0352			
alpha-BHC	2019-07	ug/L										< 0.0356			
alpha-BHC	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		

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alpha-BHC	2022-04	ug/L											< 0.0696		
alpha-BHC	2023-05	ug/L								< 0.0681					
alpha-BHC	2023-08	ug/L								< 0.0744					
alpha-BHC	2023-11	ug/L								< 0.0667					
alpha-BHC	2024-02	ug/L								< 0.0593					
alpha-BHC	2024-04	ug/L													< 0.064
alpha-BHC	2024-05	ug/L				< 0.064									
alpha-BHC	2024-10	ug/L			< 0.0919				< 0.0921						
Anthracene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Anthracene	2009-07	ug/L							< 10.0						
Anthracene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Anthracene	2011-06	ug/L											< 10.0		
Anthracene	2012-04	ug/L											< 10.0		
Anthracene	2012-06	ug/L													
Anthracene	2013-10	ug/L													
Anthracene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Anthracene	2015-10	ug/L													
Anthracene	2016-01	ug/L													
Anthracene	2016-04	ug/L													< 10.3
Anthracene	2017-03	ug/L											< 10.1		
Anthracene	2018-03	ug/L													
Anthracene	2018-06	ug/L													
Anthracene	2018-09	ug/L													
Anthracene	2018-11	ug/L													
Anthracene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Anthracene	2019-07	ug/L													
Anthracene	2021-05	ug/L													< 10.9
Anthracene	2022-04	ug/L											< 10		
Anthracene	2023-05	ug/L								< 10.4					
Anthracene	2023-08	ug/L								< 12.8					
Anthracene	2023-11	ug/L								< 10.2					
Anthracene	2024-02	ug/L								< 9.26					
Anthracene	2024-04	ug/L													< 10
Anthracene	2024-05	ug/L				< 10									
Anthracene	2024-10	ug/L			< 10.4				< 10.4						
Antimony	2007-10	mg/L			< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	
Antimony	2008-01	mg/L			< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	
Antimony	2008-04	mg/L			< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	
Antimony	2008-07	mg/L			< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	
Antimony	2008-10	mg/L			< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	
Antimony	2009-04	mg/L			< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	
Antimony	2009-07	mg/L							< 0.00600			< 0.00600			
Antimony	2009-10	mg/L			< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	
Antimony	2009-12	mg/L							< 0.00600			< 0.00600			
Antimony	2010-02	mg/L										< 0.00600			
Antimony	2010-04	mg/L			< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	
Antimony	2010-06	mg/L										< 0.00600			~~< 0.00600~~
Antimony	2010-08	mg/L													~~< 0.00600~~
Antimony	2010-10	mg/L			< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	~~< 0.00600~~
Antimony	2010-12	mg/L													~~< 0.00600~~
Antimony	2011-02	mg/L													~~< 0.00600~~
Antimony	2011-04	mg/L			< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	~~< 0.00600~~
Antimony	2011-06	mg/L											< 0.00600		~~< 0.00700~~

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
alpha-BHC	2022-04	ug/L													
alpha-BHC	2023-05	ug/L								< 0.0711					
alpha-BHC	2023-08	ug/L								< 0.0696					
alpha-BHC	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
alpha-BHC	2024-02	ug/L								< 0.064					
alpha-BHC	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
alpha-BHC	2024-05	ug/L													
alpha-BHC	2024-10	ug/L													
Anthracene	2009-04	ug/L													
Anthracene	2009-07	ug/L													
Anthracene	2010-04	ug/L													
Anthracene	2011-06	ug/L													
Anthracene	2012-04	ug/L													
Anthracene	2012-06	ug/L					< 10.0		< 10.0						
Anthracene	2013-10	ug/L					< 10.3		< 10.3						
Anthracene	2014-03	ug/L													
Anthracene	2015-10	ug/L									< 10				
Anthracene	2016-01	ug/L									< 10.2	< 10			
Anthracene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Anthracene	2017-03	ug/L	< 10.4			< 10.4									
Anthracene	2018-03	ug/L									< 10				
Anthracene	2018-06	ug/L									< 10.8				
Anthracene	2018-09	ug/L					< 10.9		< 54.3						
Anthracene	2018-11	ug/L							< 10.9						
Anthracene	2019-04	ug/L										< 11.1			
Anthracene	2019-07	ug/L										< 10.8			
Anthracene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Anthracene	2022-04	ug/L													
Anthracene	2023-05	ug/L								< 11.4					
Anthracene	2023-08	ug/L								< 11.6					
Anthracene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Anthracene	2024-02	ug/L								< 10					
Anthracene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Anthracene	2024-05	ug/L													
Anthracene	2024-10	ug/L													
Antimony	2007-10	mg/L													
Antimony	2008-01	mg/L													
Antimony	2008-04	mg/L													
Antimony	2008-07	mg/L													
Antimony	2008-10	mg/L													
Antimony	2009-04	mg/L													
Antimony	2009-07	mg/L													
Antimony	2009-10	mg/L													
Antimony	2009-12	mg/L													
Antimony	2010-02	mg/L													
Antimony	2010-04	mg/L													
Antimony	2010-06	mg/L													
Antimony	2010-08	mg/L													
Antimony	2010-10	mg/L													
Antimony	2010-12	mg/L													
Antimony	2011-02	mg/L													
Antimony	2011-04	mg/L													
Antimony	2011-06	mg/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Antimony	2011-10	mg/L			**0.00282 J**	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	~~< 0.00600~~
Antimony	2011-12	mg/L	< 0.00600												~~< 0.00600~~
Antimony	2012-02	mg/L	< 0.00100												
Antimony	2012-04	mg/L	< 0.00500		< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	~~< 0.00500~~
Antimony	2012-06	mg/L													
Antimony	2012-08	mg/L	< 0.00100												
Antimony	2012-10	mg/L	< 0.00100		< 0.0100	< 0.0200	< 0.0100	< 0.0200	< 0.0100	< 0.00100	< 0.0100	< 0.0100	< 0.00100	< 0.0100	**0.000140 J**
Antimony	2013-01	mg/L													
Antimony	2013-04	mg/L	**0.000206 J**		**0.0000608 J**	**0.000233 J**	**0.000117 J**	**0.000868 J**	**0.0000782 J**	< 0.00100	**0.000191 J**	**0.000215 J**	**0.0000574 J**	**0.0000782 J**	**0.0000885 J**
Antimony	2013-06	mg/L													
Antimony	2013-08	mg/L													
Antimony	2013-10	mg/L	< 0.00200		< 0.00200	< 0.00200	< 0.00200	**0.000587 J**	< 0.00200	**0.000407 J**	< 0.00200	**0.000428 J**	< 0.00200	< 0.00200	< 0.00200
Antimony	2013-12	mg/L													
Antimony	2014-03	mg/L	< 0.00200		**0.000409 J**	< 0.00200	< 0.00200	< 0.00200	**0.000754 J**	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Antimony	2014-09	mg/L	**0.00211**		< 0.00100	< 0.00100	< 0.00100	**0.000268 J**	< 0.00100	< 0.00100	< 0.00100	**0.000329 J**	< 0.00100 J	< 0.00100	< 0.00100
Antimony	2015-05	mg/L	< 0.001		< 0.001	< 0.001	< 0.001	**0.000262 J**	**0.000193 J**	< 0.001	**0.000263 J**	< 0.001	< 0.001	< 0.001	< 0.001
Antimony	2015-10	mg/L	< 0.001		< 0.001	< 0.001	< 0.001	**0.000234 J**	< 0.001	< 0.001	< 0.001	**0.00024 J**	< 0.001	< 0.001	< 0.001
Antimony	2016-01	mg/L													
Antimony	2016-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	**0.000392 J**	< 0.001	**0.000365 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Antimony	2016-07	mg/L		< 0.001											
Antimony	2016-09	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	**0.000293 J**	< 0.001	< 0.001	< 0.001	**0.000287 J**	< 0.001	< 0.001	< 0.001
Antimony	2016-12	mg/L		< 0.001											
Antimony	2017-03	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Antimony	2017-08	mg/L	< 0.001	< 0.001	< 0.001	**0.00033 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	**0.000384 J**	< 0.001		< 0.001
Antimony	2018-03	mg/L	< 0.001 J	< 0.001	< 0.001 J	**0.000413 J**	**0.000193 J**	< 0.001 J	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001 J
Antimony	2018-06	mg/L													
Antimony	2018-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Antimony	2018-11	mg/L													
Antimony	2019-04	mg/L	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		~~< 0.003~~
Antimony	2019-07	mg/L													
Antimony	2019-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Antimony	2020-04	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Antimony	2020-10	mg/L	< 0.001	< 0.001	**0.000828 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Antimony	2021-05	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Antimony	2021-10	mg/L		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002
Antimony	2022-04	mg/L		< 0.002		< 0.002						< 0.002	< 0.002		< 0.002
Antimony	2022-10	mg/L	< 0.002	**0.000733 J**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002
Antimony	2023-05	mg/L	< 0.002	< 0.002		< 0.002				< 0.002		< 0.002	< 0.002		< 0.002
Antimony	2023-08	mg/L								< 0.002					
Antimony	2023-11	mg/L		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002
Antimony	2024-02	mg/L								< 0.002					
Antimony	2024-04	mg/L		< 0.002									< 0.002		< 0.002
Antimony	2024-05	mg/L				< 0.002						< 0.002			
Antimony	2024-09	mg/L													
Antimony	2024-10	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002
Antimony	2025-04	mg/L	< 0.002	< 0.002		< 0.002						< 0.002	< 0.002		< 0.002
Antimony	2025-10	mg/L		< 0.002	< 0.002	< 0.002	< 0.002	**0.00172 J**	**0.00158 J**	< 0.002	< 0.002	**0.00175 J**	< 0.002		< 0.002
Arsenic	2007-10	mg/L			< 0.001	**0.287**	**0.00301**	**0.234**	~~**0.0187**~~	**0.00422**	**0.00159**	**0.0207**	**0.00107**	**0.00279**	
Arsenic	2008-01	mg/L			**0.00249**	**0.228**	**0.0178**	**0.295**	~~**0.0173**~~	**0.00439**	**0.00288**	**0.00411**	< 0.001	**0.00156**	
Arsenic	2008-04	mg/L			< 0.001	**0.191**	**0.00827**	**0.132**	~~**0.0215**~~	**0.00182**	< 0.001	**0.0109**	< 0.001	**0.00917**	
Arsenic	2008-07	mg/L			**0.00114**	**0.25**	**0.00667**	**0.292**	~~**0.0158**~~	**0.00373**	< 0.001	**0.00321**	< 0.001	**0.00102**	
Arsenic	2008-10	mg/L			**0.00155**	**0.243**	**0.00276**	**0.28**	~~**0.0159**~~	**0.00417**	**0.00117**	**0.00477**	**0.0016**	**0.00124**	
Arsenic	2009-04	mg/L			< 0.00100	**0.185**	**0.00258**	**0.163**	~~**0.0251**~~	**0.00412**	< 0.00100	**0.0122**	< 0.00100	**0.00363**	

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Antimony	2011-10	mg/L													
Antimony	2011-12	mg/L													
Antimony	2012-02	mg/L					**0.000680 J**		< 0.00100	< 0.00100	**0.000500 J**	**0.000150 J**	**0.000150 J**		
Antimony	2012-04	mg/L					< 0.00500		< 0.00500	< 0.00500	**0.000650 J**	< 0.00500	~~< 0.00500~~		
Antimony	2012-06	mg/L					**0.000580 J**		**0.000140 J**	**0.000280 J**	**0.000720 J**	**0.000150 J**	**0.000260 J**		
Antimony	2012-08	mg/L					**0.000440 J**		< 0.00100	< 0.00100	**0.000480 J**	**0.000150 J**	**0.000620 J**		
Antimony	2012-10	mg/L		~~< 0.0100~~	~~< 0.0200~~		< 0.0100		**0.000140 J**	**0.000150 J**	**0.000320 J**	< 0.00100	**0.000430 J**		
Antimony	2013-01	mg/L		~~< 0.00600~~	~~< 0.00600~~										
Antimony	2013-04	mg/L		**0.000205 J**	**0.000238 J**		**0.0000834 J**		**0.000253 J**	**0.000266 J**	**0.000373 J**	**0.0000555 J**	**0.00126**		
Antimony	2013-06	mg/L		~~< 0.00500~~	**0.000408 J**										
Antimony	2013-08	mg/L		**0.000186 J**	**0.000227 J**										
Antimony	2013-10	mg/L		< 0.00200	< 0.00200		< 0.00200		**0.000419 J**	< 0.00200	**0.000731 J**	< 0.00200	**0.000579 J**		
Antimony	2013-12	mg/L		< 0.00200	**0.000451 J**										
Antimony	2014-03	mg/L		< 0.00200	< 0.00200		< 0.00200		< 0.00200	**0.000687 J**	< 0.00200	< 0.00200	< 0.00200		
Antimony	2014-09	mg/L		**0.000189 J**	**0.000398 J**		< 0.00100		**0.000236 J**	**0.000238 J**	**0.000162 J**	< 0.00100	< 0.00100 J		
Antimony	2015-05	mg/L		< 0.001	**0.000217 J**		< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Antimony	2015-10	mg/L	< 0.001	**0.000188 J**	**0.000174 J**	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	**0.000258 J**		
Antimony	2016-01	mg/L									< 0.001	< 0.001			
Antimony	2016-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Antimony	2016-07	mg/L													
Antimony	2016-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Antimony	2016-12	mg/L													
Antimony	2017-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Antimony	2017-08	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		**0.000462 J**	< 0.001	< 0.001	< 0.001	**0.000266 J**		
Antimony	2018-03	mg/L	< 0.001	< 0.001 J	< 0.001 J	< 0.001 J	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001 J	< 0.001 J		
Antimony	2018-06	mg/L									< 0.001				
Antimony	2018-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Antimony	2018-11	mg/L							< 0.001						
Antimony	2019-04	mg/L	~~< 0.003~~	~~< 0.003~~	~~< 0.003~~	~~< 0.003~~	< 0.003		< 0.003	< 0.003	< 0.003	< 0.003	~~< 0.003~~		
Antimony	2019-07	mg/L										< 0.003			
Antimony	2019-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Antimony	2020-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Antimony	2020-10	mg/L	< 0.001	< 0.001	**0.00153**	< 0.001	**0.00158**		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Antimony	2021-05	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
Antimony	2021-10	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
Antimony	2022-04	mg/L	~~< 0.008~~	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002	< 0.002		
Antimony	2022-10	mg/L	< 0.002	**0.000899 J**	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
Antimony	2023-05	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002		< 0.002	< 0.002		
Antimony	2023-08	mg/L								< 0.002					
Antimony	2023-11	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
Antimony	2024-02	mg/L								< 0.002					
Antimony	2024-04	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002	< 0.002		
Antimony	2024-05	mg/L													
Antimony	2024-09	mg/L		< 0.002	< 0.002	< 0.002							< 0.002		
Antimony	2024-10	mg/L	< 0.002				< 0.002		< 0.002	< 0.002	< 0.002	< 0.002			
Antimony	2025-04	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002	< 0.002		
Antimony	2025-10	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		**0.00156 J**	< 0.002	< 0.002	< 0.002	< 0.002		
Arsenic	2007-10	mg/L													
Arsenic	2008-01	mg/L													
Arsenic	2008-04	mg/L													
Arsenic	2008-07	mg/L													
Arsenic	2008-10	mg/L													
Arsenic	2009-04	mg/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Arsenic	2009-07	mg/L							~~0.0177~~			0.00464			
Arsenic	2009-10	mg/L			< 0.00100	0.194	0.00139	0.162	~~0.0145~~	0.00389	< 0.00100	0.00188	< 0.00100	< 0.00100	
Arsenic	2009-12	mg/L							~~0.0256~~			0.00790			
Arsenic	2010-02	mg/L										0.00300			
Arsenic	2010-04	mg/L			< 0.00200	0.179	0.00487	1.26	~~0.0488~~	0.00187	< 0.00100	0.00747	< 0.00100	0.00163	
Arsenic	2010-06	mg/L										0.00299			0.00295
Arsenic	2010-08	mg/L													0.00185
Arsenic	2010-10	mg/L			< 0.00200	0.209	< 0.00100	0.153	~~0.0223~~	0.00209	< 0.00100	0.00559	< 0.00100	< 0.00100	0.00321
Arsenic	2010-12	mg/L													< 0.00100
Arsenic	2011-02	mg/L													0.00151
Arsenic	2011-04	mg/L			< 0.00200	0.0195	< 0.00100	0.0230	~~0.0527~~	0.00169	< 0.00100	0.00292	< 0.00200	< 0.00100	< 0.00100
Arsenic	2011-06	mg/L											< 0.00200		< 0.00100
Arsenic	2011-10	mg/L			0.00114	0.224	0.00164	0.143	~~0.0371~~	0.00173	< 0.00100	< 0.00100	< 0.00100	0.000719 J	< 0.00100
Arsenic	2011-12	mg/L	< 0.00100												< 0.00100
Arsenic	2012-02	mg/L	0.00213												
Arsenic	2012-04	mg/L	0.00470 J		0.00430 J	0.107	0.00400 J	0.0685	~~0.0714~~	0.0130	0.00795	0.00385 J	0.00500	< 0.00500	0.00645
Arsenic	2012-06	mg/L													
Arsenic	2012-08	mg/L	0.00283												
Arsenic	2012-10	mg/L	0.00162		< 0.0100	0.592	< 0.0100	0.197	~~0.0800~~	0.00431	0.0330	< 0.0100	0.000730 J	< 0.0100	0.00105
Arsenic	2013-01	mg/L													
Arsenic	2013-04	mg/L	0.00286		0.00108	0.0377	0.00167	0.387	~~0.0362~~	0.00455	0.0363	0.00187	0.00163	0.000558 J	0.00184
Arsenic	2013-06	mg/L													
Arsenic	2013-08	mg/L													
Arsenic	2013-10	mg/L	0.00221 J		0.000695 J	0.0700	0.00164 J	0.0460	~~0.0591~~	0.00224 J	0.00254 J	0.00145 J	0.000894 J	0.000769 J	0.00160 J
Arsenic	2013-12	mg/L													
Arsenic	2014-03	mg/L	0.00549		0.000406 J	0.0429	0.00128 J	0.0242	~~0.0488~~	0.0104	0.0105	0.00115 J	0.000703 J	0.000404 J	0.00581
Arsenic	2014-09	mg/L	0.00500		< 0.00200	0.0527	< 0.00200	0.00883	~~0.0421~~	0.00667	< 0.00200	0.00142 J	0.00116 J	< 0.00200	0.00296
Arsenic	2015-05	mg/L	0.00652		< 0.002	0.0437	< 0.002	0.00434	~~0.0277~~	0.00709	< 0.002	0.000965 J	0.00111 J	< 0.002	0.00442
Arsenic	2015-07	mg/L													
Arsenic	2015-10	mg/L	0.00991		< 0.002	0.0645	< 0.002	0.00809	~~0.0279~~	0.00269	0.00113 J	0.00126 J	0.00113 J	< 0.002	0.00409
Arsenic	2016-01	mg/L													
Arsenic	2016-04	mg/L	0.014	0.00154 J	< 0.002	0.0778	< 0.002	0.00306	~~0.0216~~	0.00508	0.00104 J	0.00105 J	0.00272	< 0.002	0.0123
Arsenic	2016-07	mg/L		0.00327											
Arsenic	2016-09	mg/L		0.00378	0.000682 J	0.0853	< 0.002	0.0078	0.027	0.00262	0.00108 J	0.00124 J	0.00121 J	< 0.002	0.0247
Arsenic	2016-12	mg/L		0.000926 J											
Arsenic	2017-03	mg/L		0.00417	< 0.002	0.0904	< 0.002	0.00233	0.0334	0.00274	< 0.002	0.00121 J	0.00563	0.000535 J	0.015
Arsenic	2017-08	mg/L	0.0153	0.00443	< 0.002	0.158	0.000542 J	0.00685	0.0224	0.00159 J	0.00485	0.00103 J	0.00248	< 0.002	0.0155
Arsenic	2017-11	mg/L													
Arsenic	2018-03	mg/L	0.0178	< 0.002 J	< 0.002 J	0.115	0.000685 J	0.0103	0.0261	0.00434	0.00708	< 0.002 J	< 0.002 J	0.000798 J	0.0112
Arsenic	2018-06	mg/L													
Arsenic	2018-09	mg/L	0.0286	0.0182	< 0.002	0.0698	0.000641 J	0.0129	0.0264	0.00594	0.000574 J	0.00129 J	0.00477	< 0.002	0.0276
Arsenic	2018-11	mg/L													
Arsenic	2019-04	mg/L	0.0362	0.0149	0.000841 J	0.06	0.000432 J	0.00394	0.0272	0.00257	0.000958 J	0.00129	0.00176	0.000629 J	~~0.0293~~
Arsenic	2019-07	mg/L													
Arsenic	2019-10	mg/L	0.0285	0.105	< 0.002	0.136	< 0.002	0.0864	0.0326	0.0032	< 0.002	0.00117 J	0.00536	< 0.002	0.0244
Arsenic	2020-02	mg/L		0.0235				0.00928							
Arsenic	2020-04	mg/L		0.0143	< 0.002	0.11	< 0.002	0.0159	0.0609	0.00399	< 0.002	0.00105 J	0.00949	< 0.002	0.0158
Arsenic	2020-10	mg/L	0.0296	0.0199	< 0.002	0.159	< 0.002	0.0178	0.0395	0.00185 J	0.00207	0.00117 J	0.0204	< 0.002	0.0234
Arsenic	2021-05	mg/L	0.0249	0.0109	< 0.002	0.125	< 0.002	0.0139	0.0415	0.00237	0.000906 J	0.000806 J	0.026	< 0.002	0.0155
Arsenic	2021-10	mg/L		0.0233	< 0.002	0.155	< 0.002	0.0198	0.0447	0.00136 J	< 0.002	0.000879 J	0.0384	< 0.002	~~0.0345~~
Arsenic	2022-04	mg/L		0.00616		0.0927						0.00083 J	0.0255		~~0.0119~~
Arsenic	2022-10	mg/L	0.0341	0.0188	< 0.002	0.137	0.000851 J	0.0258	0.0484	0.00166 J	< 0.002	0.00115 J	0.0672	< 0.002	0.0253
Arsenic	2023-05	mg/L	0.0244	0.0141		0.152				0.00216		0.000978 J	0.0945		0.0134

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Arsenic	2009-07	mg/L													
Arsenic	2009-10	mg/L													
Arsenic	2009-12	mg/L													
Arsenic	2010-02	mg/L													
Arsenic	2010-04	mg/L													
Arsenic	2010-06	mg/L													
Arsenic	2010-08	mg/L													
Arsenic	2010-10	mg/L													
Arsenic	2010-12	mg/L													
Arsenic	2011-02	mg/L													
Arsenic	2011-04	mg/L													
Arsenic	2011-06	mg/L													
Arsenic	2011-10	mg/L													
Arsenic	2011-12	mg/L													
Arsenic	2012-02	mg/L					**0.00255**		**0.0779**	**0.00206**	**0.00232**	**0.00303**	**0.00132**		
Arsenic	2012-04	mg/L					**0.00465 J**		**0.0576**	**0.00375 J**	< 0.00500	**0.00475 J**	**0.00430 J**		
Arsenic	2012-06	mg/L					**0.00223**		**0.101**	**0.00219**	**0.000990 J**	**0.00258**	**0.000840 J**		
Arsenic	2012-08	mg/L					**0.00198**		**0.12**	**0.00366**	**0.00181**	**0.00563**	**0.00112**		
Arsenic	2012-10	mg/L		< 0.0100	**0.0172 J**		< 0.0100		**0.0676**	**0.00277**	**0.000750 J**	**0.00141**	< 0.00100		
Arsenic	2013-01	mg/L		**0.000196 J**	**0.0461**										
Arsenic	2013-04	mg/L		**0.00261**	**0.0138**		**0.00274**		**0.0169**	**0.00383**	**0.00550**	**0.00182**	**0.000847 J**		
Arsenic	2013-06	mg/L		< 0.00500	**0.0138**										
Arsenic	2013-08	mg/L		**0.000959 J**	**0.00586**										
Arsenic	2013-10	mg/L		**0.000998 J**	**0.00656**		**0.000993 J**		**0.0234**	**0.00238 J**	**0.00541**	**0.000350 J**	**0.000411 J**		
Arsenic	2013-12	mg/L		**0.00111 J**	**0.00429 J**										
Arsenic	2014-03	mg/L		**0.000757 J**	**0.00216 J**		**0.0277**		**0.00685**	**0.00418 J**	**0.00573**	< 0.00500	**0.000448 J**		
Arsenic	2014-09	mg/L		< 0.00200	**0.00129 J**		**0.00257**		**0.00414**	**0.000977 J**	**0.0205**	< 0.00200	< 0.00200		
Arsenic	2015-05	mg/L		< 0.002	< 0.002		**0.00426**		**0.00367**	**0.00113 J**	**0.0211**	**0.00215**	< 0.002		
Arsenic	2015-07	mg/L									**0.0249**				
Arsenic	2015-10	mg/L	< 0.002	< 0.002	< 0.002	**0.0215**	**0.00434**		**0.00718**	**0.00202**	**0.0145**	**0.00126 J**	< 0.002		
Arsenic	2016-01	mg/L									**0.00656**	**0.00189 J**			
Arsenic	2016-04	mg/L	< 0.002 J	< 0.002	< 0.002 J	**0.0274**	**0.00424**		**0.00483**	< 0.002 J	**0.0104**	**0.00249**	< 0.002		
Arsenic	2016-07	mg/L													
Arsenic	2016-09	mg/L	< 0.002	< 0.002	**0.00121 J**	**0.0313**	**0.00511**		**0.00912**	< 0.002	**0.0109 J**	**0.00853**	< 0.002		
Arsenic	2016-12	mg/L													
Arsenic	2017-03	mg/L	**0.000874 J**	< 0.002	**0.00148 J**	**0.0257**	**0.00699**		**0.00842**	**0.00222**	**0.00779**	**0.00226**	**0.000636 J**	**0.106**	**0.000598 J**
Arsenic	2017-08	mg/L	< 0.002	< 0.002	**0.00185 J**	**0.0206**	**0.00422 J**		**0.0586**	**0.00143 J**	**0.00475**	**0.00174 J**	< 0.002	**0.14**	< 0.002
Arsenic	2017-11	mg/L							**0.0316**						
Arsenic	2018-03	mg/L	**0.000666 J**	< 0.002 J	< 0.002 J	**0.0147**	**0.00662**		**0.0385**	**0.00292**	**0.0118**	< 0.002 J	**0.000761 J**	**0.0917**	**0.00191 J**
Arsenic	2018-06	mg/L									**0.0212**				
Arsenic	2018-09	mg/L	< 0.002	< 0.002	**0.00102 J**	**0.0261**	**0.00508**		**0.134**	**0.00239**	**0.0284**	**0.00841**	**0.00799**	**0.18**	< 0.002
Arsenic	2018-11	mg/L							**0.0816**						
Arsenic	2019-04	mg/L	**0.000999 J**	**0.000236 J**	**0.00378**	**0.0235**	**0.0244**		**0.0636**	**0.00366**	**0.0237**	**0.00408**	~~0.00217~~	**0.147**	**0.000697 J**
Arsenic	2019-07	mg/L										**0.00346**			
Arsenic	2019-10	mg/L	< 0.002	< 0.002	**0.000974 J**	**0.0268**	**0.00542**		**0.11**	**0.00293**	**0.0468**	**0.00451**	~~0.00316~~	**0.0525**	< 0.002
Arsenic	2020-02	mg/L													
Arsenic	2020-04	mg/L	< 0.002	< 0.002	**0.0011 J**	**0.0376**	**0.0285**		**0.0678**	**0.00239**	**0.0614**	**0.00285**	**0.00362**	**0.218**	< 0.002
Arsenic	2020-10	mg/L	< 0.002	< 0.002	**0.00116 J**	**0.0405**	**0.0119**		**0.0967**	**0.00384**	**0.0154**	**0.00896**	**0.00145 J**	**0.17**	< 0.002
Arsenic	2021-05	mg/L	< 0.002	< 0.002	**0.000899 J**	**0.0147**	**0.0131**		**0.0777**	**0.00267**	**0.0262**	**0.00199 J**	**0.00125 J**	**0.0336**	< 0.002
Arsenic	2021-10	mg/L	< 0.002	< 0.002	**0.00107 J**	**0.0223**	**0.0133**		**0.0913**	**0.00392**	**0.0151**	**0.00417**	**0.00185 J**	**0.0427**	< 0.002
Arsenic	2022-04	mg/L	< 0.008	< 0.002	**0.000764 J**	**0.00863**	**0.0143**					< 0.002	**0.000988 J**		
Arsenic	2022-10	mg/L	**0.00111 J**	< 0.002	**0.00122 J**	**0.0332**	**0.0133**		**0.098**	**0.00587**	**0.0561**	**0.00253**	**0.00246**	**0.155**	< 0.002
Arsenic	2023-05	mg/L	**0.00097 J**	< 0.002	**0.000861 J**	**0.0113**	**0.00969**			**0.00582**		**0.00377**	**0.00729**		

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Arsenic	2023-08	mg/L								0.00145 J					
Arsenic	2023-11	mg/L		0.0195	0.000954 J	0.102	0.000652 J	0.00358	0.0684	0.00143 J	0.0142	0.00102 J	0.0819	< 0.002	~~0.0327~~
Arsenic	2024-02	mg/L								0.00119 J					
Arsenic	2024-04	mg/L		0.00608									0.0985		0.0133
Arsenic	2024-05	mg/L				0.116						0.000949 J			
Arsenic	2024-09	mg/L													
Arsenic	2024-10	mg/L	0.0237	0.0358	0.000582 J	0.131	0.000604 J	0.00232	0.04	0.00155 J	0.00102 J	0.000902 J	0.115	< 0.002	0.0245
Arsenic	2025-04	mg/L	0.0295	0.00648		0.0937						0.000911 J	0.0846		0.0111
Arsenic	2025-10	mg/L		0.00928	0.00129 J	0.132	0.000826 J	0.00309	0.0287	0.0028	0.00333	0.00212	0.123	0.00117 J	0.0254
Barium	2007-10	mg/L			0.183	~~3.81~~	0.417	1.34	0.573	0.387	0.186	0.424	0.136	0.202	
Barium	2008-01	mg/L			0.258	~~4.22~~	0.551	1.88	0.539	0.472	0.267	0.126	0.134	0.168	
Barium	2008-04	mg/L			0.32	~~3.97~~	0.577	0.925	0.606	0.396	0.212	0.258	0.124	0.327	
Barium	2008-07	mg/L			0.0715	~~4.02~~	0.517	1.33	0.509	0.42	0.18	0.125	0.137	0.193	
Barium	2008-10	mg/L			0.215	~~4.06~~	0.5	1.68	0.575	0.417	0.253	0.144	0.151	0.249	
Barium	2009-04	mg/L			0.254	~~3.21~~	0.433	1.22	0.546	0.438	0.185	0.343	0.140	0.212	
Barium	2009-07	mg/L							0.555			0.174			
Barium	2009-10	mg/L			0.118	~~3.33~~	0.43	0.877	0.578	0.451	0.219	0.0680	0.168	0.163	
Barium	2009-12	mg/L							0.602			0.217			
Barium	2010-02	mg/L										0.169			
Barium	2010-04	mg/L			0.108	~~2.69~~	0.404	1.73	0.62	0.453	0.169	0.316	0.219	0.316	
Barium	2010-06	mg/L										0.115			0.547
Barium	2010-08	mg/L													0.606
Barium	2010-10	mg/L			0.132	~~4.81~~	0.416	1.22	0.643	0.475	0.202	0.134	0.184	0.248	1.41
Barium	2010-12	mg/L													0.35
Barium	2011-02	mg/L													0.405
Barium	2011-04	mg/L			0.116	~~2.89~~	0.226	1.17	0.754	0.531	0.159	0.0982	0.236	0.177	0.458
Barium	2011-06	mg/L											0.193		0.464
Barium	2011-10	mg/L			0.0869	~~4.35~~	0.417	1.55	0.777	0.389	0.212	0.101	0.258	0.232	0.351
Barium	2011-12	mg/L	0.161												0.484
Barium	2012-02	mg/L	0.164												
Barium	2012-04	mg/L	0.166		0.163	~~2.3~~	0.388	0.526	0.756	0.504	0.243	0.1	0.271	0.116	0.413
Barium	2012-06	mg/L													
Barium	2012-08	mg/L	0.178												
Barium	2012-10	mg/L	0.171		0.202	~~12~~	0.461	2.28	1.14	0.37	0.547	0.152	0.354	0.184	0.358
Barium	2013-01	mg/L													
Barium	2013-04	mg/L	0.173		0.145	~~1.85~~	0.197	0.395	0.767	0.417	0.469	0.0633	0.313	0.108	0.288
Barium	2013-06	mg/L													
Barium	2013-08	mg/L													
Barium	2013-10	mg/L	0.264		0.0723	~~2.33~~	0.29	0.398	0.726	0.459	0.257	0.0679	0.304	0.141	0.103
Barium	2013-12	mg/L													
Barium	2014-03	mg/L	0.159		0.0930	~~2.41~~	0.313	0.304	0.795	0.551	0.303	0.0834	0.216	0.123	0.292
Barium	2014-09	mg/L	0.293		0.0781	~~1.74~~	0.315	0.322	0.831	0.434	0.243	0.0422	0.313	0.144	0.108
Barium	2015-05	mg/L	0.28		0.0513	~~1.45~~	0.331	0.191	0.636	0.448	0.235	0.051	0.34	0.105	0.053
Barium	2015-10	mg/L	0.367		0.0707	~~1.7~~	0.285	0.278	0.66	0.526	0.232	0.0745	0.382	0.15	0.0519
Barium	2016-01	mg/L													
Barium	2016-04	mg/L	0.447	0.396	0.149	~~1.53~~	0.29	0.175	0.698	0.511	0.209	0.0669	0.378	0.152	0.0518
Barium	2016-07	mg/L		0.398											
Barium	2016-09	mg/L		0.406	0.0759	~~1.53~~	0.269	0.36	0.751	0.546	0.191	0.0375	0.273	0.14	0.075
Barium	2016-12	mg/L		0.414											
Barium	2017-03	mg/L		0.544	0.0662	~~1.52~~	0.259	0.219	0.705	0.464	0.195	0.0558	0.431	0.14	0.0756
Barium	2017-08	mg/L	0.557	0.514	0.0577	~~2.88~~	0.228	0.356	0.812	0.575	0.319	0.0618	0.436	0.16	0.0966
Barium	2018-03	mg/L	0.663	0.613	0.0813	~~3.75~~	0.311	0.159	0.854	0.577	0.24	0.0564	0.214	0.149	0.0678
Barium	2018-06	mg/L													

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Arsenic	2023-08	mg/L								0.00431					
Arsenic	2023-11	mg/L	0.000729 J	0.00057 J	0.0013 J	0.0285	0.0141		0.0933	0.00557	0.0236	0.00156 J	0.00158 J	0.123	< 0.002
Arsenic	2024-02	mg/L								0.00216					
Arsenic	2024-04	mg/L	0.00093 J	< 0.002	0.000901 J	0.0106	0.00962					0.00161 J	~~0.0197~~		
Arsenic	2024-05	mg/L													
Arsenic	2024-09	mg/L		< 0.002	0.0012 J	0.0268							~~0.111~~		
Arsenic	2024-10	mg/L	0.00175 J				0.0191		0.156	0.00479	0.0335	0.00586		0.237	< 0.002
Arsenic	2025-04	mg/L	0.00155 J	< 0.002	0.00088 J	0.00836	0.0117					0.00467	~~0.0174~~		
Arsenic	2025-10	mg/L	0.00707	0.00107 J	0.00188 J	0.0299	0.00951		0.0917	0.00549	0.0616	0.0125	~~0.321~~	0.168	< 0.002
Barium	2007-10	mg/L													
Barium	2008-01	mg/L													
Barium	2008-04	mg/L													
Barium	2008-07	mg/L													
Barium	2008-10	mg/L													
Barium	2009-04	mg/L													
Barium	2009-07	mg/L													
Barium	2009-10	mg/L													
Barium	2009-12	mg/L													
Barium	2010-02	mg/L													
Barium	2010-04	mg/L													
Barium	2010-06	mg/L													
Barium	2010-08	mg/L													
Barium	2010-10	mg/L													
Barium	2010-12	mg/L													
Barium	2011-02	mg/L													
Barium	2011-04	mg/L													
Barium	2011-06	mg/L													
Barium	2011-10	mg/L													
Barium	2011-12	mg/L													
Barium	2012-02	mg/L					0.408		1.33	0.679	0.264	0.431	0.148		
Barium	2012-04	mg/L					0.523		0.738	0.592	0.27	0.285	0.0795		
Barium	2012-06	mg/L					0.56		0.913	0.717	0.26	0.259	0.0746		
Barium	2012-08	mg/L					0.528		1.32	0.738	0.233	0.642	0.129		
Barium	2012-10	mg/L		0.165	0.194		0.687		1.34	0.539	0.224	0.209	0.112		
Barium	2013-01	mg/L		0.148	0.484										
Barium	2013-04	mg/L		0.415	0.252		0.624		0.195	0.135	0.25	0.154	0.188		
Barium	2013-06	mg/L		0.0969	0.294										
Barium	2013-08	mg/L		0.0892	0.217										
Barium	2013-10	mg/L		0.102	0.233		0.679		0.359	0.176	0.292	0.126	0.171		
Barium	2013-12	mg/L		0.111	0.205										
Barium	2014-03	mg/L		0.1	0.18		0.876		0.16	0.284	0.25	0.0921	0.134		
Barium	2014-09	mg/L		0.0954	0.2		0.687		0.284	0.332	0.373	0.194	0.132		
Barium	2015-05	mg/L		0.0802	0.181		0.681		0.18	0.256	0.166	0.404	0.0979		
Barium	2015-10	mg/L	0.0666	0.088	0.207	0.212	0.707		0.23	0.347	0.224	0.253	0.128		
Barium	2016-01	mg/L									0.186	0.245			
Barium	2016-04	mg/L	0.0543	0.0733	0.181	0.197	0.759		0.135	0.194	0.109	0.245	0.153		
Barium	2016-07	mg/L													
Barium	2016-09	mg/L	0.0576	0.0924	0.19	0.2	0.787		0.226	0.244	0.154	0.333	0.0944		
Barium	2016-12	mg/L													
Barium	2017-03	mg/L	0.0768	0.0759	0.208	0.225	0.795		0.221	0.281	0.134	0.229	0.0641	1.04	0.256
Barium	2017-08	mg/L	0.0231	0.0913	0.188	0.197	0.677		0.44	0.419	0.164	0.264	0.227	0.911	0.257
Barium	2018-03	mg/L	0.157	0.0936	0.16	0.205	0.704		0.458	0.497	0.146	0.309	0.227	0.913	0.248
Barium	2018-06	mg/L									0.195				

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Barium	2018-09	mg/L	0.791	0.768	0.0813	~~1.33~~	0.28	0.466	0.824	0.6	0.182	0.0385	0.386	0.168	0.0975
Barium	2018-11	mg/L		0.679											
Barium	2019-04	mg/L	0.557	0.429	0.109	~~2.56~~	0.263	0.295	0.634	0.563	0.244	0.0408	0.247	0.129	~~0.0711~~
Barium	2019-07	mg/L													
Barium	2019-10	mg/L	0.74	0.819	0.123	~~2.51~~	0.257	0.482	0.687	0.689	0.224	0.0345	0.316	0.184	0.0887
Barium	2020-02	mg/L		0.508						0.518					
Barium	2020-04	mg/L		0.516	0.0778	~~1.9~~	0.353	0.301	0.654	0.775	0.223	0.0393	0.286	0.118	0.0612
Barium	2020-10	mg/L	0.762	0.723	0.0625	~~2.47~~	0.265	0.423	0.69	0.752	0.281	0.0541	0.38	0.143	0.0845
Barium	2021-05	mg/L	0.87	0.755	0.0654	~~2.3~~	0.304	0.283	0.644	0.749	0.161	0.0489	0.382	0.146	0.0996
Barium	2021-10	mg/L		0.697	0.0718	~~1.79~~	0.403	0.332	0.657	0.736	0.185	0.0672	0.439	0.181	0.12
Barium	2022-04	mg/L		0.667		~~1.51~~						0.00584 J+	0.37		0.104
Barium	2022-10	mg/L	0.748	0.706	0.0626	1.34	0.307	0.301	0.659	0.99	0.197	0.0594	0.614	0.15	0.131
Barium	2023-02	mg/L		0.388						0.822					
Barium	2023-05	mg/L	0.724	0.696		1.16				0.839		0.0401	0.744		0.115
Barium	2023-08	mg/L		0.639						0.826					
Barium	2023-11	mg/L		0.851	0.0624	1.05	0.266	0.432	0.681	0.868	0.282	0.0508	0.726	0.117	0.114
Barium	2024-02	mg/L								1.05					
Barium	2024-04	mg/L		0.785									0.899		0.106
Barium	2024-05	mg/L				1.17						0.046			
Barium	2024-09	mg/L													
Barium	2024-10	mg/L	0.797	0.574	0.0676	1.06	0.261	0.364	0.742	1.18	0.23	0.0733	0.826	0.182	0.0937
Barium	2025-04	mg/L	0.815	0.729		0.878						0.045	0.826		0.113
Barium	2025-10	mg/L		0.662	0.0753	1.11	0.265	0.316	0.73	1.04	0.205	0.0545	0.711	0.184	0.118
Benzene	2007-10	ug/L			0.51	4.38	0.62	< 2.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Benzene	2008-01	ug/L			0.93	6.3	< 0.5	2.46	0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Benzene	2008-04	ug/L			1.27	6.34	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Benzene	2008-07	ug/L			< 0.5	5.91	< 0.5	1.57	0.52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Benzene	2008-10	ug/L			0.71	4.99	< 0.5	2.04	0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Benzene	2009-04	ug/L			1.04	4.23	0.640	0.470 J	0.700	< 0.500	0.320 J	< 0.500	< 0.500	< 0.500	
Benzene	2009-07	ug/L							0.510			< 0.500			
Benzene	2009-10	ug/L			< 0.500	5.99	< 0.500	< 0.500	0.790	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	
Benzene	2009-12	ug/L							0.610			< 0.500			
Benzene	2010-02	ug/L										< 0.500			
Benzene	2010-04	ug/L			< 0.500	4.26	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	
Benzene	2010-06	ug/L										< 0.500			< 0.500
Benzene	2010-08	ug/L													< 0.500
Benzene	2010-10	ug/L			< 0.500	10.6	< 0.500	2.09	1.10	< 0.500	< 0.500	< 0.500	0.670	< 0.500	< 0.500
Benzene	2010-12	ug/L													< 0.500
Benzene	2011-02	ug/L													< 0.500
Benzene	2011-04	ug/L			0.670	3.22	< 0.500	< 0.500	0.750	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
Benzene	2011-06	ug/L											0.670		< 0.500
Benzene	2011-10	ug/L			0.220 J	8.74	< 0.500	4.33	1.45	< 0.500	0.170 J	< 0.500	0.600	< 0.500	< 0.500
Benzene	2011-12	ug/L	< 0.500												< 0.500
Benzene	2012-02	ug/L	< 0.500												
Benzene	2012-04	ug/L	< 0.500		0.370 J	2.47	< 0.500	0.120 J	0.990	< 0.500	0.340 J	< 0.500	0.770	< 0.500	< 0.500
Benzene	2012-06	ug/L	< 0.500												
Benzene	2012-08	ug/L	< 0.500												
Benzene	2012-10	ug/L	< 0.500		0.120 J	9.15	< 0.500	2.76	1.54	< 0.500	0.730	< 0.500	0.700	< 0.500	< 0.500
Benzene	2013-01	ug/L													
Benzene	2013-04	ug/L	< 0.500		0.385 J	1.25	< 0.500	< 0.500	0.690	< 0.500	0.894	< 0.500	0.539	< 0.500	< 0.500
Benzene	2013-06	ug/L													
Benzene	2013-08	ug/L													
Benzene	2013-10	ug/L	< 0.500		< 0.500	1.86	< 0.500	0.326 J	0.888	< 0.500	< 0.500	< 0.500	1.18	< 0.500	< 0.500

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Barium	2018-09	mg/L	0.099	0.0939	0.223	0.234	0.875		0.592	0.511	0.185	0.409	0.173	0.986	0.276
Barium	2018-11	mg/L							0.489						
Barium	2019-04	mg/L	0.109	0.0711	0.275	0.189	0.815		0.415	0.381	0.19	0.317	~~0.286~~	0.914	0.275
Barium	2019-07	mg/L										0.359			
Barium	2019-10	mg/L	0.0819	0.0884	0.185	0.195	0.786		0.677	0.441	0.164	0.429	~~0.353~~	0.768	0.277
Barium	2020-02	mg/L													
Barium	2020-04	mg/L	0.106	0.059	0.188	0.186	0.92		0.794	0.651	0.268	0.351	0.0951	0.957	0.241
Barium	2020-10	mg/L	0.0411	0.1	0.188	0.173	0.816		0.779	0.554	0.224	0.352	0.0903	0.946	0.289
Barium	2021-05	mg/L	0.113	0.102	0.155	0.21	0.825		0.752	0.596	0.378	0.365	0.0848	0.77	0.26
Barium	2021-10	mg/L	0.131	0.0964	0.197	0.198	0.862		0.709	0.498	0.334	0.463	0.138	0.893	0.258
Barium	2022-04	mg/L	~~0.128~~	0.0908	0.125	0.193	0.822					0.275	0.147		
Barium	2022-10	mg/L	0.164	0.11	0.243	0.209	0.853		0.898	0.625	0.319	0.351	0.156	0.796	0.307
Barium	2023-02	mg/L								0.713					
Barium	2023-05	mg/L	0.138	0.0739	0.179	0.223	0.864			0.655		0.271	0.0641		
Barium	2023-08	mg/L								0.564					
Barium	2023-11	mg/L	0.135	0.0816	0.165	0.193	0.844		0.732	0.746	0.438	0.247	0.102	0.62	0.278
Barium	2024-02	mg/L								0.728					
Barium	2024-04	mg/L	0.135	0.0962	0.137	0.236	0.914					0.24	0.0762		
Barium	2024-05	mg/L													
Barium	2024-09	mg/L		0.0803	0.175	0.197							0.164		
Barium	2024-10	mg/L	0.122				0.948		0.834	0.794	0.762	0.26		0.868	0.34
Barium	2025-04	mg/L	0.145	0.0759	0.115	0.228	0.846					0.262	~~0.0906~~		
Barium	2025-10	mg/L	0.155	0.0881	0.19	0.197	0.831		0.618	0.757	0.578	0.296	0.187	0.563	0.246
Benzene	2007-10	ug/L													
Benzene	2008-01	ug/L													
Benzene	2008-04	ug/L													
Benzene	2008-07	ug/L													
Benzene	2008-10	ug/L													
Benzene	2009-04	ug/L													
Benzene	2009-07	ug/L													
Benzene	2009-10	ug/L													
Benzene	2009-12	ug/L													
Benzene	2010-02	ug/L													
Benzene	2010-04	ug/L													
Benzene	2010-06	ug/L													
Benzene	2010-08	ug/L													
Benzene	2010-10	ug/L													
Benzene	2010-12	ug/L													
Benzene	2011-02	ug/L													
Benzene	2011-04	ug/L													
Benzene	2011-06	ug/L													
Benzene	2011-10	ug/L													
Benzene	2011-12	ug/L													
Benzene	2012-02	ug/L					0.300 J		1.52	0.230 J	< 0.500	< 0.500	< 0.500		
Benzene	2012-04	ug/L					1.25		0.350 J	0.290 J	< 0.500	< 0.500	< 0.500		
Benzene	2012-06	ug/L					1.02		0.340 J	0.370 J	< 0.500	< 0.500	< 0.500		
Benzene	2012-08	ug/L					1.03		0.910	0.350 J	0.150 J	< 0.500	< 0.500		
Benzene	2012-10	ug/L		< 0.500	< 0.500		1.16		1.36	0.370 J	< 0.500	< 0.500	< 0.500		
Benzene	2013-01	ug/L		< 0.500	< 0.500										
Benzene	2013-04	ug/L		< 0.500	< 0.500		1.22		0.349 J	< 0.500	< 0.500	< 0.500	< 0.500		
Benzene	2013-06	ug/L		< 0.500	< 0.500										
Benzene	2013-08	ug/L		< 0.500	< 0.500										
Benzene	2013-10	ug/L		< 0.500	< 0.500		1.35		0.212 J	< 0.500	< 0.500	< 0.500	< 0.500		

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Benzene	2013-12	ug/L													
Benzene	2014-03	ug/L	< 0.500		**0.122 J**	**4.76**	< 0.500	< 0.500	**0.870**	< 0.500	< 0.500	< 0.500	**0.372 J**	< 0.500	< 0.500
Benzene	2014-09	ug/L	**0.243 J**		< 0.500	**0.652**	< 0.500	< 0.500	**0.728**	< 0.500	< 0.500	< 0.500	**0.693**	< 0.500	< 0.500
Benzene	2015-05	ug/L	**0.482 J**		< 0.5	**0.348 J**	< 0.5	< 0.5	**0.559**	< 0.5	< 0.5	< 0.5	**1.63**	< 0.5	< 0.5
Benzene	2015-10	ug/L	**0.777**		< 0.5	**0.285 J**	< 0.5	< 0.5	**0.705**	< 0.5	< 0.5	< 0.5	**1.39**	< 0.5	< 0.5
Benzene	2016-01	ug/L													
Benzene	2016-04	ug/L	**1.01**	< 0.5	< 0.5	**0.279 J**	< 0.5	< 0.5	**0.627**	< 0.5	< 0.5	< 0.5	**2.43**	< 0.5	< 0.5
Benzene	2016-07	ug/L		< 0.5											
Benzene	2016-09	ug/L		< 0.5	< 0.5	**0.882**	< 0.5	< 0.5	**0.835**	< 0.5	< 0.5	< 0.5	**0.772**	< 0.5	< 0.5
Benzene	2016-12	ug/L		< 0.5											
Benzene	2017-03	ug/L		**0.349 J**	< 0.5	**0.568**	< 0.5	< 0.5	**0.685**	< 0.5	< 0.5	< 0.5	**2.01**	< 0.5	< 0.5
Benzene	2017-08	ug/L	**0.762**	< 0.5	< 0.5	**11.7**	< 0.5	**0.156 J**	**1.25**	< 0.5	**0.243 J**	< 0.5	**0.852**	< 0.5	< 0.5
Benzene	2017-11	ug/L													
Benzene	2018-03	ug/L	**0.753**	< 0.5	**0.191 J**	**16.5**	< 0.5	< 0.5	**2.07**	< 0.5	**0.315 J**	< 0.5	**0.183 J**	< 0.5	< 0.5
Benzene	2018-06	ug/L													
Benzene	2018-09	ug/L	**0.836**	**0.375 J**	< 0.5	**0.991**	< 0.5	< 0.5	**1.03**	< 0.5	< 0.5	< 0.5	**0.768**	< 0.5	< 0.5
Benzene	2018-11	ug/L													
Benzene	2019-04	ug/L	**0.891**	**0.399 J**	< 0.5	**7.34**	< 0.5	< 0.5	**1.01**	< 0.5	< 0.5	< 0.5	**0.423 J**	< 0.5	~~< 0.5~~
Benzene	2019-05	ug/L		< 0.5											
Benzene	2019-07	ug/L													
Benzene	2019-10	ug/L	**0.419 J**	< 0.5	< 0.5	**12**	< 0.5	< 0.5	**1.26**	< 0.5	< 0.5	< 0.5	**0.646**	< 0.5	< 0.5
Benzene	2020-04	ug/L		< 0.5	< 0.5	**8.11**	< 0.5	< 0.5	**1.22**	< 0.5	< 0.5	< 0.5	**0.473 J**	< 0.5	< 0.5
Benzene	2020-10	ug/L	**0.498 J**	< 0.5	< 0.5	**11.2**	< 0.5	< 0.5	**1.93**	< 0.5	< 0.5	< 0.5	**0.858**	< 0.5	< 0.5
Benzene	2021-05	ug/L	**0.511**	< 0.5	< 0.5	**4.75**	< 0.5	< 0.5	**1.24**	< 0.5	< 0.5	< 0.5	**0.605**	< 0.5	< 0.5
Benzene	2021-10	ug/L		< 0.5	< 0.5	**3.15**	< 0.5	< 0.5	**1.49**	< 0.5	< 0.5	< 0.5	**0.956**	< 0.5	< 0.5
Benzene	2022-04	ug/L		< 0.5		**2.68**						< 0.5	**0.322 J**		< 0.5
Benzene	2022-10	ug/L	**0.825**	**0.411 J**	< 0.5	**1.23**	< 0.5	< 0.5	**1.51**	< 0.5	< 0.5	< 0.5	**1.17**	< 0.5	< 0.5
Benzene	2023-05	ug/L	**0.773**	**0.278 J**		< 0.5				< 0.5		< 0.5	**1.92**		< 0.5
Benzene	2023-08	ug/L								< 0.5					
Benzene	2023-11	ug/L		**0.292 J**	< 0.5	< 0.5	< 0.5	< 0.5	**1.38**	< 0.5	**0.321 J**	< 0.5	**1.06**	< 0.5	< 0.5
Benzene	2024-02	ug/L								< 0.5					
Benzene	2024-04	ug/L		< 0.5									**1.47**		< 0.5
Benzene	2024-05	ug/L				< 0.5						< 0.5			
Benzene	2024-09	ug/L													
Benzene	2024-10	ug/L	**0.681**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.56**	< 0.5	< 0.5	< 0.5	**1.51**	< 0.5	< 0.5
Benzene	2025-04	ug/L	**0.643**	< 0.5		< 0.5						< 0.5	**0.942**		< 0.5
Benzene	2025-10	ug/L		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.12**	< 0.5	< 0.5	< 0.5	**1.24**	< 0.5	< 0.5
Benzo(a)anthracene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Benzo(a)anthracene	2009-07	ug/L							< 10.0						
Benzo(a)anthracene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Benzo(a)anthracene	2011-06	ug/L											< 10.0		
Benzo(a)anthracene	2012-04	ug/L											< 10.0		
Benzo(a)anthracene	2012-06	ug/L													
Benzo(a)anthracene	2013-10	ug/L													
Benzo(a)anthracene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Benzo(a)anthracene	2015-10	ug/L													
Benzo(a)anthracene	2016-01	ug/L													
Benzo(a)anthracene	2016-04	ug/L													< 10.3
Benzo(a)anthracene	2017-03	ug/L											< 10.1		
Benzo(a)anthracene	2018-03	ug/L													
Benzo(a)anthracene	2018-06	ug/L													
Benzo(a)anthracene	2018-09	ug/L													
Benzo(a)anthracene	2018-11	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Benzene	2013-12	ug/L		< 0.500	< 0.500										
Benzene	2014-03	ug/L		< 0.500	< 0.500		**1.19**		**0.322 J**	**0.322 J**	< 0.500	< 0.500	< 0.500		
Benzene	2014-09	ug/L		< 0.500	< 0.500		**1.08**		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500		
Benzene	2015-05	ug/L		< 0.5	< 0.5		**1.21**		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Benzene	2015-10	ug/L		< 0.5	< 0.5		**1.09**		< 0.5	**0.222 J**	< 0.5 J	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	2016-01	ug/L									< 0.5	< 0.5		< 0.5	< 0.5
Benzene	2016-04	ug/L		< 0.5	< 0.5		**1.11**		< 0.5	**0.125 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	2016-07	ug/L												< 0.5	< 0.5
Benzene	2016-09	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**1.11**		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	2016-12	ug/L													
Benzene	2017-03	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**1.12**		**0.149 J**	**0.139 J**	< 0.5	< 0.5	< 0.5	**0.143 J**	< 0.5
Benzene	2017-08	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.934**	**0.365 J**	**0.141 J**	**0.179 J**	**0.165 J**	**0.15 J**	< 0.5	**0.116 J**	< 0.5
Benzene	2017-11	ug/L						**0.418 J**							
Benzene	2018-03	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**1.09**	**0.42 J**	**1.17**	< 0.5	**0.552**	< 0.5	< 0.5	**0.9**	< 0.5
Benzene	2018-06	ug/L						**0.412 J**	**0.767**		**0.236 J**				
Benzene	2018-09	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.747**	**0.495 J**	**0.892**	< 0.5	**0.27 J**	**0.641**	< 0.5	**0.555**	< 0.5
Benzene	2018-11	ug/L							**0.671**			**0.517**			
Benzene	2019-04	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.907**	**0.292 J**	**0.515**	< 0.5	< 0.5	< 0.5	~~< 0.5~~	**0.342 J**	< 0.5
Benzene	2019-05	ug/L													
Benzene	2019-07	ug/L										< 0.5			
Benzene	2019-10	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.619**	**0.451 J**	**0.439 J**	< 0.5	**0.662**	< 0.5	< 0.5	**0.379 J**	< 0.5
Benzene	2020-04	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.794**	**0.341 J**	**0.869**	**0.22 J**	< 0.5	**0.288 J**	**0.269 J**	**1.13**	< 0.5
Benzene	2020-10	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.639**	**0.518**	**0.24 J**	< 0.5	**0.286 J**	< 0.5	< 0.5	**0.99**	< 0.5
Benzene	2021-05	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.646**	< 0.5	**0.916**	< 0.5	**0.753**	< 0.5	< 0.5	**1.11**	< 0.5
Benzene	2021-10	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.593**	< 0.5	**0.29 J**	< 0.5	**1.32**	< 0.5	< 0.5	**2.06**	< 0.5
Benzene	2022-04	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.555**					< 0.5	< 0.5		
Benzene	2022-10	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.664**	< 0.5	**0.776**	**0.261 J**	**1.54**	< 0.5	< 0.5	**0.547**	< 0.5
Benzene	2023-05	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.618**			**0.362 J**		< 0.5	< 0.5		
Benzene	2023-08	ug/L								**0.421 J**					
Benzene	2023-11	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.484 J**	< 0.5	< 0.5	**0.32 J**	**1.2**	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	2024-02	ug/L								**0.497 J**					
Benzene	2024-04	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**					< 0.5	< 0.5		
Benzene	2024-05	ug/L													
Benzene	2024-09	ug/L		< 0.5	< 0.5	< 0.5							< 0.5		
Benzene	2024-10	ug/L	< 0.5				**0.609**	< 0.5	**0.386 J**	**0.449 J**	**1.6**	< 0.5		< 0.5	< 0.5
Benzene	2025-04	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.588**					< 0.5	< 0.5		
Benzene	2025-10	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	**0.578**	< 0.5	< 0.5	**0.388 J**	**0.444 J**	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)anthracene	2009-04	ug/L													
Benzo(a)anthracene	2009-07	ug/L													
Benzo(a)anthracene	2010-04	ug/L													
Benzo(a)anthracene	2011-06	ug/L													
Benzo(a)anthracene	2012-04	ug/L													
Benzo(a)anthracene	2012-06	ug/L					< 10.0		< 10.0						
Benzo(a)anthracene	2013-10	ug/L					< 10.3		< 10.3						
Benzo(a)anthracene	2014-03	ug/L													
Benzo(a)anthracene	2015-10	ug/L									< 10				
Benzo(a)anthracene	2016-01	ug/L									< 10.2	< 10			
Benzo(a)anthracene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Benzo(a)anthracene	2017-03	ug/L	< 10.4			< 10.4									
Benzo(a)anthracene	2018-03	ug/L									< 10				
Benzo(a)anthracene	2018-06	ug/L									< 10.8				
Benzo(a)anthracene	2018-09	ug/L					< 10.9		< 54.3						
Benzo(a)anthracene	2018-11	ug/L							< 10.9						

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Benzo(a)anthracene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Benzo(a)anthracene	2019-07	ug/L													
Benzo(a)anthracene	2021-05	ug/L													< 10.9
Benzo(a)anthracene	2022-04	ug/L											< 10		
Benzo(a)anthracene	2023-05	ug/L								< 10.4					
Benzo(a)anthracene	2023-08	ug/L								< 12.8					
Benzo(a)anthracene	2023-11	ug/L								< 10.2					
Benzo(a)anthracene	2024-02	ug/L								< 9.26					
Benzo(a)anthracene	2024-04	ug/L													< 10
Benzo(a)anthracene	2024-05	ug/L				< 10									
Benzo(a)anthracene	2024-10	ug/L			< 10.4				< 10.4						
Benzo(a)pyrene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Benzo(a)pyrene	2009-07	ug/L							< 10.0						
Benzo(a)pyrene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Benzo(a)pyrene	2011-06	ug/L											< 10.0		
Benzo(a)pyrene	2012-04	ug/L											< 10.0		
Benzo(a)pyrene	2012-06	ug/L													
Benzo(a)pyrene	2013-10	ug/L													
Benzo(a)pyrene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Benzo(a)pyrene	2015-10	ug/L													
Benzo(a)pyrene	2016-01	ug/L													
Benzo(a)pyrene	2016-04	ug/L													< 10.3
Benzo(a)pyrene	2017-03	ug/L											< 10.1		
Benzo(a)pyrene	2018-03	ug/L													
Benzo(a)pyrene	2018-06	ug/L													
Benzo(a)pyrene	2018-09	ug/L													
Benzo(a)pyrene	2018-11	ug/L													
Benzo(a)pyrene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Benzo(a)pyrene	2019-07	ug/L													
Benzo(a)pyrene	2021-05	ug/L													< 10.9
Benzo(a)pyrene	2022-04	ug/L											< 10		
Benzo(a)pyrene	2023-05	ug/L								< 10.4					
Benzo(a)pyrene	2023-08	ug/L								< 12.8					
Benzo(a)pyrene	2023-11	ug/L								< 10.2					
Benzo(a)pyrene	2024-02	ug/L								< 9.26					
Benzo(a)pyrene	2024-04	ug/L													< 10
Benzo(a)pyrene	2024-05	ug/L				< 10									
Benzo(a)pyrene	2024-10	ug/L			< 10.4				< 10.4						
Benzo(b)fluoranthene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Benzo(b)fluoranthene	2009-07	ug/L							< 10.0						
Benzo(b)fluoranthene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Benzo(b)fluoranthene	2011-06	ug/L											< 10.0		
Benzo(b)fluoranthene	2012-04	ug/L											< 10.0		
Benzo(b)fluoranthene	2012-06	ug/L													
Benzo(b)fluoranthene	2013-10	ug/L													
Benzo(b)fluoranthene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Benzo(b)fluoranthene	2015-10	ug/L													
Benzo(b)fluoranthene	2016-01	ug/L													
Benzo(b)fluoranthene	2016-04	ug/L													< 10.3
Benzo(b)fluoranthene	2017-03	ug/L											< 10.1		
Benzo(b)fluoranthene	2018-03	ug/L													
Benzo(b)fluoranthene	2018-06	ug/L													
Benzo(b)fluoranthene	2018-09	ug/L													

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Benzo(a)anthracene	2019-04	ug/L										< 11.1			
Benzo(a)anthracene	2019-07	ug/L										< 10.8			
Benzo(a)anthracene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Benzo(a)anthracene	2022-04	ug/L													
Benzo(a)anthracene	2023-05	ug/L								< 11.4					
Benzo(a)anthracene	2023-08	ug/L								< 11.6					
Benzo(a)anthracene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Benzo(a)anthracene	2024-02	ug/L								< 10					
Benzo(a)anthracene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Benzo(a)anthracene	2024-05	ug/L													
Benzo(a)anthracene	2024-10	ug/L													
Benzo(a)pyrene	2009-04	ug/L													
Benzo(a)pyrene	2009-07	ug/L													
Benzo(a)pyrene	2010-04	ug/L													
Benzo(a)pyrene	2011-06	ug/L													
Benzo(a)pyrene	2012-04	ug/L													
Benzo(a)pyrene	2012-06	ug/L					< 10.0		< 10.0						
Benzo(a)pyrene	2013-10	ug/L					< 10.3		< 10.3						
Benzo(a)pyrene	2014-03	ug/L													
Benzo(a)pyrene	2015-10	ug/L									< 10				
Benzo(a)pyrene	2016-01	ug/L									< 10.2	< 10			
Benzo(a)pyrene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Benzo(a)pyrene	2017-03	ug/L	< 10.4			**1.4 J**									
Benzo(a)pyrene	2018-03	ug/L									< 10				
Benzo(a)pyrene	2018-06	ug/L									< 10.8				
Benzo(a)pyrene	2018-09	ug/L					< 10.9		< 54.3						
Benzo(a)pyrene	2018-11	ug/L							< 10.9						
Benzo(a)pyrene	2019-04	ug/L										< 11.1			
Benzo(a)pyrene	2019-07	ug/L										< 10.8			
Benzo(a)pyrene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Benzo(a)pyrene	2022-04	ug/L													
Benzo(a)pyrene	2023-05	ug/L								< 11.4					
Benzo(a)pyrene	2023-08	ug/L								< 23.3					
Benzo(a)pyrene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Benzo(a)pyrene	2024-02	ug/L								< 10					
Benzo(a)pyrene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Benzo(a)pyrene	2024-05	ug/L													
Benzo(a)pyrene	2024-10	ug/L													
Benzo(b)fluoranthene	2009-04	ug/L													
Benzo(b)fluoranthene	2009-07	ug/L													
Benzo(b)fluoranthene	2010-04	ug/L													
Benzo(b)fluoranthene	2011-06	ug/L													
Benzo(b)fluoranthene	2012-04	ug/L													
Benzo(b)fluoranthene	2012-06	ug/L					< 10.0		< 10.0						
Benzo(b)fluoranthene	2013-10	ug/L					< 10.3		< 10.3						
Benzo(b)fluoranthene	2014-03	ug/L													
Benzo(b)fluoranthene	2015-10	ug/L									< 10				
Benzo(b)fluoranthene	2016-01	ug/L									< 10.2	< 10			
Benzo(b)fluoranthene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Benzo(b)fluoranthene	2017-03	ug/L	< 10.4			< 10.4									
Benzo(b)fluoranthene	2018-03	ug/L									< 10				
Benzo(b)fluoranthene	2018-06	ug/L									< 10.8				
Benzo(b)fluoranthene	2018-09	ug/L					< 10.9		< 54.3						

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Benzo(b)fluoranthene	2018-11	ug/L													
Benzo(b)fluoranthene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Benzo(b)fluoranthene	2019-07	ug/L													
Benzo(b)fluoranthene	2021-05	ug/L													< 10.9
Benzo(b)fluoranthene	2022-04	ug/L											< 10		
Benzo(b)fluoranthene	2023-05	ug/L								< 10.4					
Benzo(b)fluoranthene	2023-08	ug/L								< 12.8					
Benzo(b)fluoranthene	2023-11	ug/L								< 10.2					
Benzo(b)fluoranthene	2024-02	ug/L								< 9.26					
Benzo(b)fluoranthene	2024-04	ug/L													< 10
Benzo(b)fluoranthene	2024-05	ug/L				< 10									
Benzo(b)fluoranthene	2024-10	ug/L			< 10.4				< 10.4						
Benzo(ghi)perylene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Benzo(ghi)perylene	2009-07	ug/L							< 10.0						
Benzo(ghi)perylene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Benzo(ghi)perylene	2011-06	ug/L											< 10.0		
Benzo(ghi)perylene	2012-04	ug/L											< 10.0		
Benzo(ghi)perylene	2012-06	ug/L													
Benzo(ghi)perylene	2013-10	ug/L													
Benzo(ghi)perylene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Benzo(ghi)perylene	2015-10	ug/L													
Benzo(ghi)perylene	2016-01	ug/L													
Benzo(ghi)perylene	2016-04	ug/L													< 10.3
Benzo(ghi)perylene	2017-03	ug/L											< 10.1		
Benzo(ghi)perylene	2018-03	ug/L													
Benzo(ghi)perylene	2018-06	ug/L													
Benzo(ghi)perylene	2018-09	ug/L													
Benzo(ghi)perylene	2018-11	ug/L													
Benzo(ghi)perylene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Benzo(ghi)perylene	2019-07	ug/L													
Benzo(ghi)perylene	2021-05	ug/L													< 10.9
Benzo(ghi)perylene	2022-04	ug/L											< 10		
Benzo(ghi)perylene	2023-05	ug/L								< 10.4					
Benzo(ghi)perylene	2023-08	ug/L								< 12.8					
Benzo(ghi)perylene	2023-11	ug/L								< 10.2					
Benzo(ghi)perylene	2024-02	ug/L								< 9.26					
Benzo(ghi)perylene	2024-04	ug/L													< 10
Benzo(ghi)perylene	2024-05	ug/L				< 10									
Benzo(ghi)perylene	2024-10	ug/L			< 10.4				< 10.4						
Benzo(k)fluoranthene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Benzo(k)fluoranthene	2009-07	ug/L							< 10.0						
Benzo(k)fluoranthene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Benzo(k)fluoranthene	2011-06	ug/L											< 10.0		
Benzo(k)fluoranthene	2012-04	ug/L											< 10.0		
Benzo(k)fluoranthene	2012-06	ug/L													
Benzo(k)fluoranthene	2013-10	ug/L													
Benzo(k)fluoranthene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Benzo(k)fluoranthene	2015-10	ug/L													
Benzo(k)fluoranthene	2016-01	ug/L													
Benzo(k)fluoranthene	2016-04	ug/L													< 10.3
Benzo(k)fluoranthene	2017-03	ug/L											< 10.1		
Benzo(k)fluoranthene	2018-03	ug/L													
Benzo(k)fluoranthene	2018-06	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Benzo(b)fluoranthene	2018-11	ug/L							< 10.9						
Benzo(b)fluoranthene	2019-04	ug/L										< 11.1			
Benzo(b)fluoranthene	2019-07	ug/L										< 10.8			
Benzo(b)fluoranthene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Benzo(b)fluoranthene	2022-04	ug/L													
Benzo(b)fluoranthene	2023-05	ug/L								< 11.4					
Benzo(b)fluoranthene	2023-08	ug/L								< 23.3					
Benzo(b)fluoranthene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Benzo(b)fluoranthene	2024-02	ug/L								< 10					
Benzo(b)fluoranthene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Benzo(b)fluoranthene	2024-05	ug/L													
Benzo(b)fluoranthene	2024-10	ug/L													
Benzo(ghi)perylene	2009-04	ug/L													
Benzo(ghi)perylene	2009-07	ug/L													
Benzo(ghi)perylene	2010-04	ug/L													
Benzo(ghi)perylene	2011-06	ug/L													
Benzo(ghi)perylene	2012-04	ug/L													
Benzo(ghi)perylene	2012-06	ug/L					< 10.0		< 10.0						
Benzo(ghi)perylene	2013-10	ug/L					< 10.3		< 10.3						
Benzo(ghi)perylene	2014-03	ug/L													
Benzo(ghi)perylene	2015-10	ug/L									< 10				
Benzo(ghi)perylene	2016-01	ug/L									< 10.2	< 10			
Benzo(ghi)perylene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Benzo(ghi)perylene	2017-03	ug/L	< 10.4			< 10.4									
Benzo(ghi)perylene	2018-03	ug/L									< 10				
Benzo(ghi)perylene	2018-06	ug/L									< 10.8				
Benzo(ghi)perylene	2018-09	ug/L					< 10.9		< 54.3						
Benzo(ghi)perylene	2018-11	ug/L							< 10.9						
Benzo(ghi)perylene	2019-04	ug/L										< 11.1			
Benzo(ghi)perylene	2019-07	ug/L										< 10.8			
Benzo(ghi)perylene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Benzo(ghi)perylene	2022-04	ug/L													
Benzo(ghi)perylene	2023-05	ug/L								< 11.4					
Benzo(ghi)perylene	2023-08	ug/L								< 23.3					
Benzo(ghi)perylene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Benzo(ghi)perylene	2024-02	ug/L								< 10					
Benzo(ghi)perylene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Benzo(ghi)perylene	2024-05	ug/L													
Benzo(ghi)perylene	2024-10	ug/L													
Benzo(k)fluoranthene	2009-04	ug/L													
Benzo(k)fluoranthene	2009-07	ug/L													
Benzo(k)fluoranthene	2010-04	ug/L													
Benzo(k)fluoranthene	2011-06	ug/L													
Benzo(k)fluoranthene	2012-04	ug/L													
Benzo(k)fluoranthene	2012-06	ug/L					< 10.0		< 10.0						
Benzo(k)fluoranthene	2013-10	ug/L					< 10.3		< 10.3						
Benzo(k)fluoranthene	2014-03	ug/L													
Benzo(k)fluoranthene	2015-10	ug/L									< 10				
Benzo(k)fluoranthene	2016-01	ug/L									< 10.2	< 10			
Benzo(k)fluoranthene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Benzo(k)fluoranthene	2017-03	ug/L	< 10.4			< 10.4									
Benzo(k)fluoranthene	2018-03	ug/L									< 10				
Benzo(k)fluoranthene	2018-06	ug/L									< 10.8				

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Benzo(k)fluoranthene	2018-09	ug/L													
Benzo(k)fluoranthene	2018-11	ug/L													
Benzo(k)fluoranthene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Benzo(k)fluoranthene	2019-07	ug/L													
Benzo(k)fluoranthene	2021-05	ug/L													< 10.9
Benzo(k)fluoranthene	2022-04	ug/L											< 10		
Benzo(k)fluoranthene	2023-05	ug/L								< 10.4					
Benzo(k)fluoranthene	2023-08	ug/L								< 12.8					
Benzo(k)fluoranthene	2023-11	ug/L								< 10.2					
Benzo(k)fluoranthene	2024-02	ug/L								< 9.26					
Benzo(k)fluoranthene	2024-04	ug/L													< 10
Benzo(k)fluoranthene	2024-05	ug/L				< 10									
Benzo(k)fluoranthene	2024-10	ug/L			< 10.4				< 10.4						
Benzyl Alcohol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Benzyl Alcohol	2009-07	ug/L							< 10.0						
Benzyl Alcohol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Benzyl Alcohol	2011-06	ug/L											< 10.0		
Benzyl Alcohol	2012-04	ug/L											< 10.0		
Benzyl Alcohol	2012-06	ug/L													
Benzyl Alcohol	2013-10	ug/L													
Benzyl Alcohol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Benzyl Alcohol	2015-10	ug/L													
Benzyl Alcohol	2016-01	ug/L													
Benzyl Alcohol	2016-04	ug/L													< 10.3
Benzyl Alcohol	2017-03	ug/L											< 10.1		
Benzyl Alcohol	2018-03	ug/L													
Benzyl Alcohol	2018-06	ug/L													
Benzyl Alcohol	2018-09	ug/L													
Benzyl Alcohol	2018-11	ug/L													
Benzyl Alcohol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Benzyl Alcohol	2019-07	ug/L													
Benzyl Alcohol	2021-05	ug/L													< 10.9
Benzyl Alcohol	2022-04	ug/L											< 10		
Benzyl Alcohol	2023-05	ug/L								< 10.4					
Benzyl Alcohol	2023-08	ug/L								< 12.8					
Benzyl Alcohol	2023-11	ug/L								< 10.2					
Benzyl Alcohol	2024-02	ug/L								< 9.26					
Benzyl Alcohol	2024-04	ug/L													< 10
Benzyl Alcohol	2024-05	ug/L				< 10									
Benzyl Alcohol	2024-10	ug/L			< 10.4				< 10.4						
Beryllium	2007-10	mg/L			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	**0.00168**	< 0.001	< 0.001	
Beryllium	2008-01	mg/L			< 0.001	< 0.001	**0.00103**	**0.00186**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Beryllium	2008-04	mg/L			< 0.001	< 0.001	**0.00344**	< 0.001	< 0.001	< 0.001	< 0.001	**0.00108**	< 0.001	**0.00109**	
Beryllium	2008-07	mg/L			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Beryllium	2008-10	mg/L			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Beryllium	2009-04	mg/L			< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.00140**	< 0.00100	< 0.00100	
Beryllium	2009-07	mg/L							< 0.00100			< 0.00100			
Beryllium	2009-10	mg/L			< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	
Beryllium	2009-12	mg/L							< 0.00100			< 0.00100			
Beryllium	2010-02	mg/L										< 0.00100			
Beryllium	2010-04	mg/L			< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.00121**	< 0.00100	< 0.00100	
Beryllium	2010-06	mg/L										< 0.00100			**0.00133**
Beryllium	2010-08	mg/L													**0.00394**

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Benzo(k)fluoranthene	2018-09	ug/L					< 10.9		< 54.3						
Benzo(k)fluoranthene	2018-11	ug/L							< 10.9						
Benzo(k)fluoranthene	2019-04	ug/L										< 11.1			
Benzo(k)fluoranthene	2019-07	ug/L										< 10.8			
Benzo(k)fluoranthene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Benzo(k)fluoranthene	2022-04	ug/L													
Benzo(k)fluoranthene	2023-05	ug/L								< 11.4					
Benzo(k)fluoranthene	2023-08	ug/L								< 23.3					
Benzo(k)fluoranthene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Benzo(k)fluoranthene	2024-02	ug/L								< 10					
Benzo(k)fluoranthene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Benzo(k)fluoranthene	2024-05	ug/L													
Benzo(k)fluoranthene	2024-10	ug/L													
Benzyl Alcohol	2009-04	ug/L													
Benzyl Alcohol	2009-07	ug/L													
Benzyl Alcohol	2010-04	ug/L													
Benzyl Alcohol	2011-06	ug/L													
Benzyl Alcohol	2012-04	ug/L													
Benzyl Alcohol	2012-06	ug/L					< 10.0		< 10.0						
Benzyl Alcohol	2013-10	ug/L					< 10.3		< 10.3						
Benzyl Alcohol	2014-03	ug/L													
Benzyl Alcohol	2015-10	ug/L									< 10				
Benzyl Alcohol	2016-01	ug/L									< 10.2	< 10			
Benzyl Alcohol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Benzyl Alcohol	2017-03	ug/L	< 10.4			< 10.4									
Benzyl Alcohol	2018-03	ug/L									< 10				
Benzyl Alcohol	2018-06	ug/L									< 10.8				
Benzyl Alcohol	2018-09	ug/L					< 10.9		< 54.3						
Benzyl Alcohol	2018-11	ug/L							< 10.9						
Benzyl Alcohol	2019-04	ug/L										< 11.1			
Benzyl Alcohol	2019-07	ug/L										< 10.8			
Benzyl Alcohol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Benzyl Alcohol	2022-04	ug/L													
Benzyl Alcohol	2023-05	ug/L								< 11.4					
Benzyl Alcohol	2023-08	ug/L								< 11.6					
Benzyl Alcohol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Benzyl Alcohol	2024-02	ug/L								< 10					
Benzyl Alcohol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Benzyl Alcohol	2024-05	ug/L													
Benzyl Alcohol	2024-10	ug/L													
Beryllium	2007-10	mg/L													
Beryllium	2008-01	mg/L													
Beryllium	2008-04	mg/L													
Beryllium	2008-07	mg/L													
Beryllium	2008-10	mg/L													
Beryllium	2009-04	mg/L													
Beryllium	2009-07	mg/L													
Beryllium	2009-10	mg/L													
Beryllium	2009-12	mg/L													
Beryllium	2010-02	mg/L													
Beryllium	2010-04	mg/L													
Beryllium	2010-06	mg/L													
Beryllium	2010-08	mg/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Beryllium	2010-10	mg/L			< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.00191**
Beryllium	2010-12	mg/L													< 0.00100
Beryllium	2011-02	mg/L													**0.00109**
Beryllium	2011-04	mg/L			< 0.00100	< 0.00100	< 0.00100	**0.00138**	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Beryllium	2011-06	mg/L											< 0.00100		< 0.00100
Beryllium	2011-10	mg/L			< 0.00100	< 0.00100	< 0.00100	**0.000423 J**	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.000651 J**	< 0.00100
Beryllium	2011-12	mg/L	< 0.00100 J												< 0.00100 J
Beryllium	2012-02	mg/L	< 0.000500												
Beryllium	2012-04	mg/L	**0.000250 J**		< 0.00250	**0.000500 J**	**0.000500 J**	**0.000250 J**	**0.000400 J**	**0.000350 J**	**0.000250 J**	**0.000200 J**	**0.000300 J**	**0.000550 J**	**0.000600 J**
Beryllium	2012-06	mg/L													
Beryllium	2012-08	mg/L	< 0.000500												
Beryllium	2012-10	mg/L	< 0.000500		< 0.00500	< 0.0100	< 0.00500	< 0.0100	< 0.00500	< 0.000500	< 0.00500	< 0.00500	< 0.000500	< 0.00500	< 0.000500
Beryllium	2013-01	mg/L													
Beryllium	2013-04	mg/L	< 0.000500		< 0.000500	< 0.000500	**0.0000798 J**	**0.000110 J**	< 0.000500	**0.0000991 J**	**0.0000716 J**	< 0.000500	< 0.000500	< 0.000500	< 0.000500
Beryllium	2013-06	mg/L													
Beryllium	2013-08	mg/L													
Beryllium	2013-10	mg/L	< 0.00100		< 0.00100	< 0.00100	**0.000172 J**	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Beryllium	2013-12	mg/L													
Beryllium	2014-03	mg/L	**0.000226 J**		< 0.00100	< 0.00100	**0.000182 J**	< 0.00100	**0.000135 J**	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.000569 J**
Beryllium	2014-09	mg/L	< 0.00100		< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Beryllium	2015-05	mg/L	**0.000041 J**		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Beryllium	2015-10	mg/L	< 0.001		**0.000059 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Beryllium	2016-01	mg/L													
Beryllium	2016-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Beryllium	2016-07	mg/L		< 0.001											
Beryllium	2016-09	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Beryllium	2016-12	mg/L		< 0.001											
Beryllium	2017-03	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2017-08	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2018-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2018-06	mg/L													
Beryllium	2018-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2018-11	mg/L													
Beryllium	2019-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		~~< 0.001~~
Beryllium	2019-07	mg/L													
Beryllium	2019-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2020-04	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2020-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2021-05	mg/L	**0.000304 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Beryllium	2021-10	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2022-04	mg/L		< 0.001		< 0.001						< 0.001	< 0.001		< 0.001
Beryllium	2022-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2023-05	mg/L	< 0.001	< 0.001		< 0.001				< 0.001		< 0.001	< 0.001		< 0.001
Beryllium	2023-08	mg/L								< 0.001					
Beryllium	2023-11	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2024-02	mg/L								< 0.001					
Beryllium	2024-04	mg/L		< 0.001									< 0.001		< 0.001
Beryllium	2024-05	mg/L				< 0.001						< 0.001			
Beryllium	2024-09	mg/L													
Beryllium	2024-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Beryllium	2025-04	mg/L	< 0.001	< 0.001		< 0.001						< 0.001	< 0.001		< 0.001
Beryllium	2025-10	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
beta-BHC	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Beryllium	2010-10	mg/L													
Beryllium	2010-12	mg/L													
Beryllium	2011-02	mg/L													
Beryllium	2011-04	mg/L													
Beryllium	2011-06	mg/L													
Beryllium	2011-10	mg/L													
Beryllium	2011-12	mg/L													
Beryllium	2012-02	mg/L					< 0.000500		**0.000180 J**	**0.0000600 J**	**0.0000200 J**	**0.000260 J**	**0.0000700 J**		
Beryllium	2012-04	mg/L					**0.000300 J**		**0.000700 J**	**0.000300 J**	**0.000550 J**	**0.000400 J**	**0.000350 J**		
Beryllium	2012-06	mg/L					**0.000120 J**		**0.000350 J**	**0.0000200 J**	< 0.000500	**0.0000700 J**	< 0.000500		
Beryllium	2012-08	mg/L					**0.0000200 J**		**0.000270 J**	**0.000130 J**	**0.0000700 J**	**0.000720**	**0.0000900 J**		
Beryllium	2012-10	mg/L		~~< 0.00500~~	~~< 0.0100~~		< 0.00500		**0.000530**	**0.0000300 J**	< 0.000500	**0.0000300 J**	< 0.000500		
Beryllium	2013-01	mg/L		< 0.00100	**0.000458 J**										
Beryllium	2013-04	mg/L		**0.000594**	**0.000113 J**		< 0.000500		**0.000143 J**	< 0.000500	< 0.000500	< 0.000500	< 0.000500		
Beryllium	2013-06	mg/L		< 0.00250	< 0.00250										
Beryllium	2013-08	mg/L		< 0.000500	< 0.000500										
Beryllium	2013-10	mg/L		< 0.00100	**0.0000983 J**		< 0.00100		**0.000313 J**	< 0.00100	< 0.00100	< 0.00100	< 0.00100		
Beryllium	2013-12	mg/L		< 0.00100	< 0.00100										
Beryllium	2014-03	mg/L		< 0.00100	< 0.00100		**0.0000870 J**		< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100		
Beryllium	2014-09	mg/L		< 0.00100	< 0.00100		< 0.00100		< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100		
Beryllium	2015-05	mg/L		< 0.001	< 0.001		< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2015-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2016-01	mg/L									< 0.001	< 0.001			
Beryllium	2016-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2016-07	mg/L													
Beryllium	2016-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2016-12	mg/L													
Beryllium	2017-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2017-08	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2018-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2018-06	mg/L									< 0.001				
Beryllium	2018-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2018-11	mg/L							< 0.001						
Beryllium	2019-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	~~< 0.001~~		
Beryllium	2019-07	mg/L										< 0.001			
Beryllium	2019-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2020-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2020-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2021-05	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2021-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2022-04	mg/L	~~< 0.004~~	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001		
Beryllium	2022-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2023-05	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001		< 0.001	< 0.001		
Beryllium	2023-08	mg/L								< 0.001					
Beryllium	2023-11	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Beryllium	2024-02	mg/L								< 0.001					
Beryllium	2024-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001		
Beryllium	2024-05	mg/L													
Beryllium	2024-09	mg/L		< 0.001	< 0.001	< 0.001							< 0.001		
Beryllium	2024-10	mg/L	< 0.001				< 0.001		< 0.001	< 0.001	< 0.001	< 0.001			
Beryllium	2025-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001		
Beryllium	2025-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
beta-BHC	2009-04	ug/L													

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beta-BHC	2009-07	ug/L							< 0.0320						
beta-BHC	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
beta-BHC	2011-06	ug/L											< 0.0320		
beta-BHC	2012-04	ug/L											< 0.0320		
beta-BHC	2012-06	ug/L													
beta-BHC	2013-10	ug/L													
beta-BHC	2013-12	ug/L													
beta-BHC	2014-03	ug/L			< 0.0352	**0.0235 J**	< 0.0360	**0.0122 J**	< 0.0340		< 0.0337				
beta-BHC	2014-06	ug/L				< 0.0333		< 0.0333							
beta-BHC	2014-09	ug/L				< 0.0356		< 0.0356							
beta-BHC	2014-12	ug/L				< 0.0356		< 0.0352							
beta-BHC	2015-05	ug/L				< 0.0333		< 0.0348							< 0.0337
beta-BHC	2015-10	ug/L													
beta-BHC	2016-01	ug/L													
beta-BHC	2016-04	ug/L													< 0.0327
beta-BHC	2017-03	ug/L											< 0.16		
beta-BHC	2018-03	ug/L													
beta-BHC	2018-06	ug/L													
beta-BHC	2018-09	ug/L													
beta-BHC	2018-11	ug/L													
beta-BHC	2019-04	ug/L			< 0.0352	**0.00963 J**			**0.00749 J**						
beta-BHC	2019-07	ug/L													
beta-BHC	2021-05	ug/L													< 0.0395
beta-BHC	2022-04	ug/L											< 0.0696		
beta-BHC	2023-05	ug/L								< 0.0681					
beta-BHC	2023-08	ug/L								< 0.0744					
beta-BHC	2023-11	ug/L								< 0.0667					
beta-BHC	2024-02	ug/L								< 0.0593					
beta-BHC	2024-04	ug/L													< 0.064
beta-BHC	2024-05	ug/L				< 0.064									
beta-BHC	2024-10	ug/L			< 0.0919				< 0.0921						
bis(2-Chloroethoxy)methane	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
bis(2-Chloroethoxy)methane	2009-07	ug/L							< 10.0						
bis(2-Chloroethoxy)methane	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
bis(2-Chloroethoxy)methane	2011-06	ug/L											< 10.0		
bis(2-Chloroethoxy)methane	2012-04	ug/L											< 10.0		
bis(2-Chloroethoxy)methane	2012-06	ug/L													
bis(2-Chloroethoxy)methane	2013-10	ug/L													
bis(2-Chloroethoxy)methane	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
bis(2-Chloroethoxy)methane	2015-10	ug/L													
bis(2-Chloroethoxy)methane	2016-01	ug/L													
bis(2-Chloroethoxy)methane	2016-04	ug/L													< 10.3
bis(2-Chloroethoxy)methane	2017-03	ug/L											< 10.1		
bis(2-Chloroethoxy)methane	2018-03	ug/L													
bis(2-Chloroethoxy)methane	2018-06	ug/L													
bis(2-Chloroethoxy)methane	2018-09	ug/L													
bis(2-Chloroethoxy)methane	2018-11	ug/L													
bis(2-Chloroethoxy)methane	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
bis(2-Chloroethoxy)methane	2019-07	ug/L													
bis(2-Chloroethoxy)methane	2021-05	ug/L													< 10.9
bis(2-Chloroethoxy)methane	2022-04	ug/L											< 10		
bis(2-Chloroethoxy)methane	2023-05	ug/L								< 10.4					
bis(2-Chloroethoxy)methane	2023-08	ug/L								< 12.8					

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beta-BHC	2009-07	ug/L													
beta-BHC	2010-04	ug/L													
beta-BHC	2011-06	ug/L													
beta-BHC	2012-04	ug/L													
beta-BHC	2012-06	ug/L					< 0.0320		< 0.0320						
beta-BHC	2013-10	ug/L					**0.00970 J**		< 0.0327						
beta-BHC	2013-12	ug/L					< 0.0327								
beta-BHC	2014-03	ug/L					**0.0141 J**								
beta-BHC	2014-06	ug/L					< 0.0330								
beta-BHC	2014-09	ug/L													
beta-BHC	2014-12	ug/L													
beta-BHC	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
beta-BHC	2015-10	ug/L									< 0.162				
beta-BHC	2016-01	ug/L									< 0.032	< 0.032			
beta-BHC	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
beta-BHC	2017-03	ug/L	< 0.0323			< 0.0337									
beta-BHC	2018-03	ug/L									< 0.032				
beta-BHC	2018-06	ug/L									< 0.0364				
beta-BHC	2018-09	ug/L					**0.0165 J**		< 0.0344						
beta-BHC	2018-11	ug/L							< 0.0333						
beta-BHC	2019-04	ug/L										< 0.0352			
beta-BHC	2019-07	ug/L										< 0.0356			
beta-BHC	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
beta-BHC	2022-04	ug/L													
beta-BHC	2023-05	ug/L								< 0.0711					
beta-BHC	2023-08	ug/L								< 0.0696					
beta-BHC	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
beta-BHC	2024-02	ug/L								< 0.064					
beta-BHC	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
beta-BHC	2024-05	ug/L													
beta-BHC	2024-10	ug/L													
bis(2-Chloroethoxy)methane	2009-04	ug/L													
bis(2-Chloroethoxy)methane	2009-07	ug/L													
bis(2-Chloroethoxy)methane	2010-04	ug/L													
bis(2-Chloroethoxy)methane	2011-06	ug/L													
bis(2-Chloroethoxy)methane	2012-04	ug/L													
bis(2-Chloroethoxy)methane	2012-06	ug/L					< 10.0		< 10.0						
bis(2-Chloroethoxy)methane	2013-10	ug/L					< 10.3		< 10.3						
bis(2-Chloroethoxy)methane	2014-03	ug/L													
bis(2-Chloroethoxy)methane	2015-10	ug/L									< 10				
bis(2-Chloroethoxy)methane	2016-01	ug/L									< 10.2	< 10			
bis(2-Chloroethoxy)methane	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
bis(2-Chloroethoxy)methane	2017-03	ug/L	< 10.4			< 10.4									
bis(2-Chloroethoxy)methane	2018-03	ug/L									< 10				
bis(2-Chloroethoxy)methane	2018-06	ug/L									< 10.8				
bis(2-Chloroethoxy)methane	2018-09	ug/L					< 10.9		< 54.3						
bis(2-Chloroethoxy)methane	2018-11	ug/L							< 10.9						
bis(2-Chloroethoxy)methane	2019-04	ug/L										< 11.1			
bis(2-Chloroethoxy)methane	2019-07	ug/L										< 10.8			
bis(2-Chloroethoxy)methane	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
bis(2-Chloroethoxy)methane	2022-04	ug/L													
bis(2-Chloroethoxy)methane	2023-05	ug/L								< 11.4					
bis(2-Chloroethoxy)methane	2023-08	ug/L								< 11.6					

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bis(2-Chloroethoxy)methane	2023-11	ug/L								< 10.2					
bis(2-Chloroethoxy)methane	2024-02	ug/L								< 9.26					
bis(2-Chloroethoxy)methane	2024-04	ug/L													< 10
bis(2-Chloroethoxy)methane	2024-05	ug/L				< 10									
bis(2-Chloroethoxy)methane	2024-10	ug/L			< 10.4				< 10.4						
bis(2-Chloroethyl)ether	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
bis(2-Chloroethyl)ether	2009-07	ug/L							< 10.0						
bis(2-Chloroethyl)ether	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
bis(2-Chloroethyl)ether	2011-06	ug/L											< 10.0		
bis(2-Chloroethyl)ether	2012-04	ug/L											< 10.0		
bis(2-Chloroethyl)ether	2012-06	ug/L													
bis(2-Chloroethyl)ether	2013-10	ug/L													
bis(2-Chloroethyl)ether	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
bis(2-Chloroethyl)ether	2015-10	ug/L													
bis(2-Chloroethyl)ether	2016-01	ug/L													
bis(2-Chloroethyl)ether	2016-04	ug/L													< 10.3
bis(2-Chloroethyl)ether	2017-03	ug/L											< 10.1		
bis(2-Chloroethyl)ether	2018-03	ug/L													
bis(2-Chloroethyl)ether	2018-06	ug/L													
bis(2-Chloroethyl)ether	2018-09	ug/L													
bis(2-Chloroethyl)ether	2018-11	ug/L													
bis(2-Chloroethyl)ether	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
bis(2-Chloroethyl)ether	2019-07	ug/L													
bis(2-Chloroethyl)ether	2021-05	ug/L													< 10.9
bis(2-Chloroethyl)ether	2022-04	ug/L											< 10		
bis(2-Chloroethyl)ether	2023-05	ug/L								< 10.4					
bis(2-Chloroethyl)ether	2023-08	ug/L								< 12.8					
bis(2-Chloroethyl)ether	2023-11	ug/L								< 10.2					
bis(2-Chloroethyl)ether	2024-02	ug/L								< 9.26					
bis(2-Chloroethyl)ether	2024-04	ug/L													< 10
bis(2-Chloroethyl)ether	2024-05	ug/L				< 10									
bis(2-Chloroethyl)ether	2024-10	ug/L			< 10.4				< 10.4						
bis(2-Ethylhexyl)phthalate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
bis(2-Ethylhexyl)phthalate	2009-07	ug/L							< 10.0						
bis(2-Ethylhexyl)phthalate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
bis(2-Ethylhexyl)phthalate	2011-06	ug/L											< 10.0		
bis(2-Ethylhexyl)phthalate	2012-04	ug/L											< 10.0		
bis(2-Ethylhexyl)phthalate	2012-06	ug/L													
bis(2-Ethylhexyl)phthalate	2012-08	ug/L													
bis(2-Ethylhexyl)phthalate	2012-10	ug/L													
bis(2-Ethylhexyl)phthalate	2013-01	ug/L													
bis(2-Ethylhexyl)phthalate	2013-04	ug/L													
bis(2-Ethylhexyl)phthalate	2013-10	ug/L													
bis(2-Ethylhexyl)phthalate	2014-03	ug/L			< 10.5 J	< 10.8 J	< 11.5	< 11.5	< 10.6		< 11.4				
bis(2-Ethylhexyl)phthalate	2015-10	ug/L													< 10 J
bis(2-Ethylhexyl)phthalate	2016-01	ug/L													
bis(2-Ethylhexyl)phthalate	2016-04	ug/L													< 10.3
bis(2-Ethylhexyl)phthalate	2016-09	ug/L													< 10.5
bis(2-Ethylhexyl)phthalate	2017-03	ug/L											< 10.1		< 10.2
bis(2-Ethylhexyl)phthalate	2017-08	ug/L													< 10.9
bis(2-Ethylhexyl)phthalate	2018-03	ug/L													**2.35 J**
bis(2-Ethylhexyl)phthalate	2018-06	ug/L													
bis(2-Ethylhexyl)phthalate	2018-09	ug/L													< 10.9

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
bis(2-Chloroethoxy)methane	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
bis(2-Chloroethoxy)methane	2024-02	ug/L								< 10					
bis(2-Chloroethoxy)methane	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
bis(2-Chloroethoxy)methane	2024-05	ug/L													
bis(2-Chloroethoxy)methane	2024-10	ug/L													
bis(2-Chloroethyl)ether	2009-04	ug/L													
bis(2-Chloroethyl)ether	2009-07	ug/L													
bis(2-Chloroethyl)ether	2010-04	ug/L													
bis(2-Chloroethyl)ether	2011-06	ug/L													
bis(2-Chloroethyl)ether	2012-04	ug/L													
bis(2-Chloroethyl)ether	2012-06	ug/L					< 10.0		< 10.0						
bis(2-Chloroethyl)ether	2013-10	ug/L					< 10.3		< 10.3						
bis(2-Chloroethyl)ether	2014-03	ug/L													
bis(2-Chloroethyl)ether	2015-10	ug/L									< 10				
bis(2-Chloroethyl)ether	2016-01	ug/L									< 10.2	< 10			
bis(2-Chloroethyl)ether	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
bis(2-Chloroethyl)ether	2017-03	ug/L	< 10.4			< 10.4									
bis(2-Chloroethyl)ether	2018-03	ug/L									< 10				
bis(2-Chloroethyl)ether	2018-06	ug/L									< 10.8				
bis(2-Chloroethyl)ether	2018-09	ug/L					< 10.9		< 54.3						
bis(2-Chloroethyl)ether	2018-11	ug/L							< 10.9						
bis(2-Chloroethyl)ether	2019-04	ug/L										< 11.1			
bis(2-Chloroethyl)ether	2019-07	ug/L										< 10.8			
bis(2-Chloroethyl)ether	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
bis(2-Chloroethyl)ether	2022-04	ug/L													
bis(2-Chloroethyl)ether	2023-05	ug/L								< 11.4					
bis(2-Chloroethyl)ether	2023-08	ug/L								< 11.6					
bis(2-Chloroethyl)ether	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
bis(2-Chloroethyl)ether	2024-02	ug/L								< 10					
bis(2-Chloroethyl)ether	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
bis(2-Chloroethyl)ether	2024-05	ug/L													
bis(2-Chloroethyl)ether	2024-10	ug/L													
bis(2-Ethylhexyl)phthalate	2009-04	ug/L													
bis(2-Ethylhexyl)phthalate	2009-07	ug/L													
bis(2-Ethylhexyl)phthalate	2010-04	ug/L													
bis(2-Ethylhexyl)phthalate	2011-06	ug/L													
bis(2-Ethylhexyl)phthalate	2012-04	ug/L													
bis(2-Ethylhexyl)phthalate	2012-06	ug/L					**2.34 J**		< 10.0						
bis(2-Ethylhexyl)phthalate	2012-08	ug/L					< 10.0								
bis(2-Ethylhexyl)phthalate	2012-10	ug/L					< 10.0								
bis(2-Ethylhexyl)phthalate	2013-01	ug/L					< 10.9 J								
bis(2-Ethylhexyl)phthalate	2013-04	ug/L					< 10.2 J								
bis(2-Ethylhexyl)phthalate	2013-10	ug/L					**11.3**		**19.5**						
bis(2-Ethylhexyl)phthalate	2014-03	ug/L													
bis(2-Ethylhexyl)phthalate	2015-10	ug/L		< 10 J	< 10.2 J		< 10 J		< 10 J		< 10 J	< 10 J	< 10 J		
bis(2-Ethylhexyl)phthalate	2016-01	ug/L									< 10.2	< 10			
bis(2-Ethylhexyl)phthalate	2016-04	ug/L		< 10	< 10 J		< 10 J				< 10 J	< 10 J	< 10 J		
bis(2-Ethylhexyl)phthalate	2016-09	ug/L	< 101	< 10	< 10	< 10.1	< 10						< 10		
bis(2-Ethylhexyl)phthalate	2017-03	ug/L	< 10.4	< 10.3	< 10.2	< 10.4	< 10.4						< 10.8		
bis(2-Ethylhexyl)phthalate	2017-08	ug/L	< 10.9	< 10.5	< 11.1	< 10.8 J	**2.29 J**						< 10.5		
bis(2-Ethylhexyl)phthalate	2018-03	ug/L	**0.762 J**	**2.45 J**	**2.21 J**	**2.49 J**	**2.32 J**				< 10		**2.46 J**		
bis(2-Ethylhexyl)phthalate	2018-06	ug/L									< 10.8				
bis(2-Ethylhexyl)phthalate	2018-09	ug/L	< 11.2	< 10.5	< 10.8	< 10.8	< 10.9		< 54.3				< 11.1		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
bis(2-Ethylhexyl)phthalate	2018-11	ug/L													
bis(2-Ethylhexyl)phthalate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						~~< 11~~
bis(2-Ethylhexyl)phthalate	2019-07	ug/L													
bis(2-Ethylhexyl)phthalate	2019-10	ug/L													< 10.5
bis(2-Ethylhexyl)phthalate	2020-04	ug/L													< 12.5
bis(2-Ethylhexyl)phthalate	2020-10	ug/L													< 10.5
bis(2-Ethylhexyl)phthalate	2021-05	ug/L													< 10.9
bis(2-Ethylhexyl)phthalate	2021-10	ug/L													< 11
bis(2-Ethylhexyl)phthalate	2022-04	ug/L											< 10		< 10.9
bis(2-Ethylhexyl)phthalate	2022-10	ug/L													< 8.47
bis(2-Ethylhexyl)phthalate	2023-05	ug/L								< 10.4					< 10.9
bis(2-Ethylhexyl)phthalate	2023-08	ug/L								< 12.8					
bis(2-Ethylhexyl)phthalate	2023-11	ug/L								< 10.2					
bis(2-Ethylhexyl)phthalate	2024-02	ug/L								< 9.26					
bis(2-Ethylhexyl)phthalate	2024-04	ug/L													< 10
bis(2-Ethylhexyl)phthalate	2024-05	ug/L				< 10									
bis(2-Ethylhexyl)phthalate	2024-09	ug/L													
bis(2-Ethylhexyl)phthalate	2024-10	ug/L			< 10.4				< 10.4						< 10
bis(2-Ethylhexyl)phthalate	2025-04	ug/L													< 10.2
bis(2-Ethylhexyl)phthalate	2025-10	ug/L													< 9.43
Bromochloromethane	2007-10	ug/L			< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	
Bromochloromethane	2008-01	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Bromochloromethane	2008-04	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Bromochloromethane	2008-07	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Bromochloromethane	2008-10	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Bromochloromethane	2009-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Bromochloromethane	2009-07	ug/L							< 5.00			< 5.00			
Bromochloromethane	2009-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Bromochloromethane	2009-12	ug/L							< 5.00			< 5.00			
Bromochloromethane	2010-02	ug/L										< 5.00			
Bromochloromethane	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Bromochloromethane	2010-06	ug/L										< 5.00			< 5.00
Bromochloromethane	2010-08	ug/L													< 5.00
Bromochloromethane	2010-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromochloromethane	2010-12	ug/L													< 5.00
Bromochloromethane	2011-02	ug/L													< 5.00
Bromochloromethane	2011-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromochloromethane	2011-06	ug/L											< 5.00		< 5.00
Bromochloromethane	2011-10	ug/L			< 5.00	< 5.00 J	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromochloromethane	2011-12	ug/L	< 5.00												< 5.00
Bromochloromethane	2012-02	ug/L	< 5.00												
Bromochloromethane	2012-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromochloromethane	2012-06	ug/L	< 5.00												
Bromochloromethane	2012-08	ug/L	< 5.00												
Bromochloromethane	2012-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromochloromethane	2013-01	ug/L													
Bromochloromethane	2013-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromochloromethane	2013-06	ug/L													
Bromochloromethane	2013-08	ug/L													
Bromochloromethane	2013-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromochloromethane	2013-12	ug/L													
Bromochloromethane	2014-03	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromochloromethane	2014-09	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00

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bis(2-Ethylhexyl)phthalate	2018-11	ug/L							< 10.9						
bis(2-Ethylhexyl)phthalate	2019-04	ug/L	< 10.8	< 11	< 11	< 11	< 10.5		< 10.3			< 11.1	~~< 10.9~~		
bis(2-Ethylhexyl)phthalate	2019-07	ug/L										< 10.8			
bis(2-Ethylhexyl)phthalate	2019-10	ug/L	< 10.1	< 10.6	< 10.9	< 10.6	< 52.1		< 53.2				< 10.7		
bis(2-Ethylhexyl)phthalate	2020-04	ug/L	< 11.8	< 12.3	< 11.8	< 10.4	< 12.5		< 12.3				< 11.4		
bis(2-Ethylhexyl)phthalate	2020-10	ug/L	< 11.5	< 11.8	< 11.8	< 11.4	< 10.9		< 10.5				< 11.1		
bis(2-Ethylhexyl)phthalate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9	< 11.5		< 11				< 11.6		
bis(2-Ethylhexyl)phthalate	2021-10	ug/L	< 11.5	< 11.8	< 11.1	< 10	< 10.5		< 10.9				< 11.5		
bis(2-Ethylhexyl)phthalate	2022-04	ug/L	< 10.4	< 10	< 11.9	< 10	< 9.26						< 10		
bis(2-Ethylhexyl)phthalate	2022-10	ug/L	< 7.94	< 8.62	< 8.06	< 8.33	< 8.62		< 8.2				< 8.47		
bis(2-Ethylhexyl)phthalate	2023-05	ug/L	< 10.9	< 10.6	< 10.9	< 10	< 10.9			< 11.4			~~< 10.9~~		
bis(2-Ethylhexyl)phthalate	2023-08	ug/L								< 11.6					
bis(2-Ethylhexyl)phthalate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
bis(2-Ethylhexyl)phthalate	2024-02	ug/L								< 10					
bis(2-Ethylhexyl)phthalate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
bis(2-Ethylhexyl)phthalate	2024-05	ug/L													
bis(2-Ethylhexyl)phthalate	2024-09	ug/L		< 10.4	< 10.4	< 10.4							< 10.9		
bis(2-Ethylhexyl)phthalate	2024-10	ug/L	< 10				< 10.6								
bis(2-Ethylhexyl)phthalate	2025-04	ug/L	< 10.4	< 10.4	< 10.4	< 10.4	< 10.2						< 10.4 UJ		
bis(2-Ethylhexyl)phthalate	2025-10	ug/L	< 10.2	< 10	< 10	< 10.2	< 10.4		< 10.2				< 10		
Bromochloromethane	2007-10	ug/L													
Bromochloromethane	2008-01	ug/L													
Bromochloromethane	2008-04	ug/L													
Bromochloromethane	2008-07	ug/L													
Bromochloromethane	2008-10	ug/L													
Bromochloromethane	2009-04	ug/L													
Bromochloromethane	2009-07	ug/L													
Bromochloromethane	2009-10	ug/L													
Bromochloromethane	2009-12	ug/L													
Bromochloromethane	2010-02	ug/L													
Bromochloromethane	2010-04	ug/L													
Bromochloromethane	2010-06	ug/L													
Bromochloromethane	2010-08	ug/L													
Bromochloromethane	2010-10	ug/L													
Bromochloromethane	2010-12	ug/L													
Bromochloromethane	2011-02	ug/L													
Bromochloromethane	2011-04	ug/L													
Bromochloromethane	2011-06	ug/L													
Bromochloromethane	2011-10	ug/L													
Bromochloromethane	2011-12	ug/L													
Bromochloromethane	2012-02	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromochloromethane	2012-04	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromochloromethane	2012-06	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromochloromethane	2012-08	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromochloromethane	2012-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromochloromethane	2013-01	ug/L		< 5.00	< 5.00										
Bromochloromethane	2013-04	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromochloromethane	2013-06	ug/L		< 5.00	< 5.00										
Bromochloromethane	2013-08	ug/L		< 5.00	< 5.00										
Bromochloromethane	2013-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromochloromethane	2013-12	ug/L		< 5.00	< 5.00										
Bromochloromethane	2014-03	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromochloromethane	2014-09	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Bromochloromethane	2015-05	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2015-10	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2016-01	ug/L													
Bromochloromethane	2016-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2016-07	ug/L		< 5											
Bromochloromethane	2016-09	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2016-12	ug/L		< 5											
Bromochloromethane	2017-03	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2017-11	ug/L													
Bromochloromethane	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2018-06	ug/L													
Bromochloromethane	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2018-11	ug/L													
Bromochloromethane	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~
Bromochloromethane	2019-05	ug/L		< 5											
Bromochloromethane	2019-07	ug/L													
Bromochloromethane	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2020-04	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2021-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2022-04	ug/L		< 5		< 5						< 5	< 5		< 5
Bromochloromethane	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2023-05	ug/L	< 5	< 5		< 5				< 5		< 5	< 5		< 5
Bromochloromethane	2023-08	ug/L								< 5					
Bromochloromethane	2023-11	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2024-02	ug/L								< 5					
Bromochloromethane	2024-04	ug/L		< 5									< 5		< 5
Bromochloromethane	2024-05	ug/L				< 5						< 5			
Bromochloromethane	2024-09	ug/L													
Bromochloromethane	2024-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2025-04	ug/L	< 5	< 5		< 5						< 5	< 5		< 5
Bromochloromethane	2025-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Bromodichloromethane	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Bromodichloromethane	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Bromodichloromethane	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Bromodichloromethane	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Bromodichloromethane	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Bromodichloromethane	2009-07	ug/L							< 1.00			< 1.00			
Bromodichloromethane	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 2.00	< 1.00	< 1.00	< 2.00	< 1.00	
Bromodichloromethane	2009-12	ug/L							< 5.00			< 5.00			
Bromodichloromethane	2010-02	ug/L										< 1.00			
Bromodichloromethane	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Bromodichloromethane	2010-06	ug/L										< 4.00			< 5.00
Bromodichloromethane	2010-08	ug/L													< 1.00
Bromodichloromethane	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	2010-12	ug/L													< 1.00
Bromodichloromethane	2011-02	ug/L													< 1.00
Bromodichloromethane	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	2011-06	ug/L											< 1.00		< 1.00
Bromodichloromethane	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Bromochloromethane	2015-05	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5		
Bromochloromethane	2015-10	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2016-01	ug/L									< 5	< 5		< 5	< 5
Bromochloromethane	2016-04	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2016-07	ug/L												< 5	< 5
Bromochloromethane	2016-09	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2016-12	ug/L													
Bromochloromethane	2017-03	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2017-11	ug/L						< 5							
Bromochloromethane	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2018-06	ug/L						< 5			< 5				
Bromochloromethane	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2018-11	ug/L							< 5						
Bromochloromethane	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~	< 5	< 5
Bromochloromethane	2019-05	ug/L													
Bromochloromethane	2019-07	ug/L										< 5			
Bromochloromethane	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2020-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2021-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2022-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Bromochloromethane	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2023-05	ug/L	< 5	< 5	< 5	< 5	< 5			< 5		< 5	< 5		
Bromochloromethane	2023-08	ug/L								< 5					
Bromochloromethane	2023-11	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2024-02	ug/L								< 5					
Bromochloromethane	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Bromochloromethane	2024-05	ug/L													
Bromochloromethane	2024-09	ug/L		< 5	< 5	< 5							< 5		
Bromochloromethane	2024-10	ug/L	< 5				< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5
Bromochloromethane	2025-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Bromochloromethane	2025-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	2007-10	ug/L													
Bromodichloromethane	2008-01	ug/L													
Bromodichloromethane	2008-04	ug/L													
Bromodichloromethane	2008-07	ug/L													
Bromodichloromethane	2008-10	ug/L													
Bromodichloromethane	2009-04	ug/L													
Bromodichloromethane	2009-07	ug/L													
Bromodichloromethane	2009-10	ug/L													
Bromodichloromethane	2009-12	ug/L													
Bromodichloromethane	2010-02	ug/L													
Bromodichloromethane	2010-04	ug/L													
Bromodichloromethane	2010-06	ug/L													
Bromodichloromethane	2010-08	ug/L													
Bromodichloromethane	2010-10	ug/L													
Bromodichloromethane	2010-12	ug/L													
Bromodichloromethane	2011-02	ug/L													
Bromodichloromethane	2011-04	ug/L													
Bromodichloromethane	2011-06	ug/L													
Bromodichloromethane	2011-10	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Bromodichloromethane	2011-12	ug/L	< 1.00												< 1.00
Bromodichloromethane	2012-02	ug/L	< 1.00												
Bromodichloromethane	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	2012-06	ug/L	< 1.00												
Bromodichloromethane	2012-08	ug/L	< 1.00												
Bromodichloromethane	2012-10	ug/L	< 1.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 1.00
Bromodichloromethane	2013-01	ug/L													
Bromodichloromethane	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	2013-06	ug/L													
Bromodichloromethane	2013-08	ug/L													
Bromodichloromethane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	2013-12	ug/L													
Bromodichloromethane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2016-01	ug/L													
Bromodichloromethane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2016-07	ug/L		< 1											
Bromodichloromethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2016-12	ug/L		< 1											
Bromodichloromethane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2017-11	ug/L													
Bromodichloromethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2018-06	ug/L													
Bromodichloromethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2018-11	ug/L													
Bromodichloromethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Bromodichloromethane	2019-05	ug/L		< 1											
Bromodichloromethane	2019-07	ug/L													
Bromodichloromethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
Bromodichloromethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
Bromodichloromethane	2023-08	ug/L								< 1					
Bromodichloromethane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2024-02	ug/L								< 1					
Bromodichloromethane	2024-04	ug/L		< 1									< 1		< 1
Bromodichloromethane	2024-05	ug/L				< 1						< 1			
Bromodichloromethane	2024-09	ug/L													
Bromodichloromethane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Bromodichloromethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	2007-10	ug/L			< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	
Bromoform	2008-01	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Bromoform	2008-04	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Bromoform	2008-07	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Bromoform	2008-10	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Bromodichloromethane	2011-12	ug/L													
Bromodichloromethane	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Bromodichloromethane	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Bromodichloromethane	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Bromodichloromethane	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Bromodichloromethane	2012-10	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 1.00	< 1.00		
Bromodichloromethane	2013-01	ug/L		< 1.00	< 1.00										
Bromodichloromethane	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Bromodichloromethane	2013-06	ug/L		< 1.00	< 1.00										
Bromodichloromethane	2013-08	ug/L		< 1.00	< 1.00										
Bromodichloromethane	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Bromodichloromethane	2013-12	ug/L		< 1.00	< 1.00										
Bromodichloromethane	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Bromodichloromethane	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Bromodichloromethane	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
Bromodichloromethane	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2016-01	ug/L									< 1	< 1		< 1	< 1
Bromodichloromethane	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2016-07	ug/L												< 1	< 1
Bromodichloromethane	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2016-12	ug/L													
Bromodichloromethane	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2017-11	ug/L						< 1							
Bromodichloromethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2018-06	ug/L						< 1			< 1				
Bromodichloromethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2018-11	ug/L							< 1						
Bromodichloromethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
Bromodichloromethane	2019-05	ug/L													
Bromodichloromethane	2019-07	ug/L										< 1			
Bromodichloromethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Bromodichloromethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
Bromodichloromethane	2023-08	ug/L								< 1					
Bromodichloromethane	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2024-02	ug/L								< 1					
Bromodichloromethane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Bromodichloromethane	2024-05	ug/L													
Bromodichloromethane	2024-09	ug/L		< 1	< 1	< 1							< 1		
Bromodichloromethane	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
Bromodichloromethane	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Bromodichloromethane	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	2007-10	ug/L													
Bromoform	2008-01	ug/L													
Bromoform	2008-04	ug/L													
Bromoform	2008-07	ug/L													
Bromoform	2008-10	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Bromoform	2009-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Bromoform	2009-07	ug/L							< 5.00			< 5.00			
Bromoform	2009-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 50.0	< 50.0	< 5.00	< 5.00	< 50.0	< 5.00	
Bromoform	2009-12	ug/L							< 10.0			< 10.0			
Bromoform	2010-02	ug/L										< 5.00			
Bromoform	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Bromoform	2010-06	ug/L										< 5.00			< 5.00
Bromoform	2010-08	ug/L													< 5.00
Bromoform	2010-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2010-12	ug/L													< 5.00
Bromoform	2011-02	ug/L													< 5.00
Bromoform	2011-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2011-06	ug/L											< 5.00		< 5.00
Bromoform	2011-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	**0.140 J**	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2011-12	ug/L	< 5.00												< 5.00
Bromoform	2012-02	ug/L	< 5.00												
Bromoform	2012-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2012-06	ug/L	< 5.00												
Bromoform	2012-08	ug/L	< 5.00												
Bromoform	2012-10	ug/L	< 5.00 J		< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J
Bromoform	2013-01	ug/L													
Bromoform	2013-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	**0.207 J**
Bromoform	2013-06	ug/L													
Bromoform	2013-08	ug/L													
Bromoform	2013-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2013-12	ug/L													
Bromoform	2014-03	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2014-09	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2015-05	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2015-10	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2016-01	ug/L													
Bromoform	2016-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2016-07	ug/L		< 5											
Bromoform	2016-09	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2016-12	ug/L		< 5											
Bromoform	2017-03	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2017-11	ug/L													
Bromoform	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2018-06	ug/L													
Bromoform	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2018-11	ug/L													
Bromoform	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~
Bromoform	2019-05	ug/L		< 5											
Bromoform	2019-07	ug/L													
Bromoform	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2020-04	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2021-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2022-04	ug/L		< 5		< 5						< 5	< 5		< 5
Bromoform	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2023-05	ug/L	< 5	< 5		< 5				< 5		< 5	< 5		< 5

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Table 14
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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Bromoform	2009-04	ug/L													
Bromoform	2009-07	ug/L													
Bromoform	2009-10	ug/L													
Bromoform	2009-12	ug/L													
Bromoform	2010-02	ug/L													
Bromoform	2010-04	ug/L													
Bromoform	2010-06	ug/L													
Bromoform	2010-08	ug/L													
Bromoform	2010-10	ug/L													
Bromoform	2010-12	ug/L													
Bromoform	2011-02	ug/L													
Bromoform	2011-04	ug/L													
Bromoform	2011-06	ug/L													
Bromoform	2011-10	ug/L													
Bromoform	2011-12	ug/L													
Bromoform	2012-02	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromoform	2012-04	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromoform	2012-06	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromoform	2012-08	ug/L					**0.250 J**		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromoform	2012-10	ug/L		< 5.00 J	< 5.00 J		< 5.00 J		< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J	< 5.00 J		
Bromoform	2013-01	ug/L		< 5.00	< 5.00										
Bromoform	2013-04	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromoform	2013-06	ug/L		< 5.00	< 5.00										
Bromoform	2013-08	ug/L		**0.201 J**	< 5.00										
Bromoform	2013-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromoform	2013-12	ug/L		< 5.00	< 5.00										
Bromoform	2014-03	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromoform	2014-09	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Bromoform	2015-05	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5		
Bromoform	2015-10	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2016-01	ug/L									< 5	< 5		< 5	< 5
Bromoform	2016-04	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2016-07	ug/L												< 5	< 5
Bromoform	2016-09	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2016-12	ug/L													
Bromoform	2017-03	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2017-11	ug/L						< 5							
Bromoform	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2018-06	ug/L						< 5			< 5				
Bromoform	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2018-11	ug/L							< 5						
Bromoform	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~	< 5	< 5
Bromoform	2019-05	ug/L													
Bromoform	2019-07	ug/L										< 5			
Bromoform	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2020-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2021-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2022-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Bromoform	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2023-05	ug/L	< 5	< 5	< 5	< 5	< 5			< 5		< 5	< 5		

Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Bromoform	2023-08	ug/L								< 5					
Bromoform	2023-11	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2024-02	ug/L								< 5					
Bromoform	2024-04	ug/L		< 5									< 5		< 5
Bromoform	2024-05	ug/L				< 5						< 5			
Bromoform	2024-09	ug/L													
Bromoform	2024-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2025-04	ug/L	< 5	< 5		< 5						< 5	< 5		< 5
Bromoform	2025-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromomethane	2007-10	ug/L			< 4	< 4	< 4	< 20	< 4	< 4	< 4	< 4	< 4	< 4	
Bromomethane	2008-01	ug/L			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Bromomethane	2008-04	ug/L			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Bromomethane	2008-07	ug/L			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Bromomethane	2008-10	ug/L			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Bromomethane	2009-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Bromomethane	2009-07	ug/L							< 4.00			< 4.00			
Bromomethane	2009-10	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 10.0	< 10.0	< 4.00	< 4.00	< 10.0	< 4.00	
Bromomethane	2009-12	ug/L							< 4.00			< 4.00			
Bromomethane	2010-02	ug/L										< 4.00			
Bromomethane	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Bromomethane	2010-06	ug/L										< 4.00			< 4.00
Bromomethane	2010-08	ug/L													< 4.00
Bromomethane	2010-10	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Bromomethane	2010-12	ug/L													< 4.00
Bromomethane	2011-02	ug/L													< 4.00
Bromomethane	2011-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Bromomethane	2011-06	ug/L											< 20.0		< 4.00
Bromomethane	2011-10	ug/L			**0.270 J**	< 50.0 J	< 50.0	< 50.0	< 50.0 J	< 50.0	**0.580 J**	< 50.0	< 50.0	< 50.0	< 50.0
Bromomethane	2011-12	ug/L	< 4.00 J												< 4.00
Bromomethane	2012-02	ug/L	< 4.00												
Bromomethane	2012-04	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	**0.740 J**	< 4.00	< 4.00 J	< 4.00	< 4.00
Bromomethane	2012-06	ug/L	< 4.00												
Bromomethane	2012-08	ug/L	< 4.00 J												
Bromomethane	2012-10	ug/L	< 4.00		< 5.00 J	< 5.00 J	< 5.00 J	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00 J	< 4.00
Bromomethane	2013-01	ug/L													
Bromomethane	2013-04	ug/L	< 4.00		< 4.00	**0.326 J**	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Bromomethane	2013-06	ug/L													
Bromomethane	2013-08	ug/L													
Bromomethane	2013-10	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Bromomethane	2013-12	ug/L													
Bromomethane	2014-03	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Bromomethane	2014-09	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	**0.235 J**
Bromomethane	2015-05	ug/L	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2015-10	ug/L	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2016-01	ug/L													
Bromomethane	2016-04	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2016-07	ug/L		< 4											
Bromomethane	2016-09	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2016-12	ug/L		< 4											
Bromomethane	2017-03	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2017-08	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2017-11	ug/L													
Bromomethane	2018-03	ug/L	< 4	< 4	< 4	< 4	< 4	< 4 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Bromoform	2023-08	ug/L								< 5					
Bromoform	2023-11	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2024-02	ug/L								< 5					
Bromoform	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Bromoform	2024-05	ug/L													
Bromoform	2024-09	ug/L		< 5	< 5	< 5							< 5		
Bromoform	2024-10	ug/L	< 5				< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5
Bromoform	2025-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Bromoform	2025-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromomethane	2007-10	ug/L													
Bromomethane	2008-01	ug/L													
Bromomethane	2008-04	ug/L													
Bromomethane	2008-07	ug/L													
Bromomethane	2008-10	ug/L													
Bromomethane	2009-04	ug/L													
Bromomethane	2009-07	ug/L													
Bromomethane	2009-10	ug/L													
Bromomethane	2009-12	ug/L													
Bromomethane	2010-02	ug/L													
Bromomethane	2010-04	ug/L													
Bromomethane	2010-06	ug/L													
Bromomethane	2010-08	ug/L													
Bromomethane	2010-10	ug/L													
Bromomethane	2010-12	ug/L													
Bromomethane	2011-02	ug/L													
Bromomethane	2011-04	ug/L													
Bromomethane	2011-06	ug/L													
Bromomethane	2011-10	ug/L													
Bromomethane	2011-12	ug/L													
Bromomethane	2012-02	ug/L					< 4.00 J		< 4.00 J	< 4.00	< 4.00	< 4.00	< 4.00		
Bromomethane	2012-04	ug/L					< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00 J		
Bromomethane	2012-06	ug/L					< 4.00 J		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Bromomethane	2012-08	ug/L					< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00 J		
Bromomethane	2012-10	ug/L		< 5.00	< 5.00 J		< 5.00 J		< 5.00	< 5.00	< 5.00	< 4.00	**0.260 J**		
Bromomethane	2013-01	ug/L		< 4.00	< 4.00										
Bromomethane	2013-04	ug/L		< 4.00	< 4.00		< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Bromomethane	2013-06	ug/L		< 4.00	< 4.00										
Bromomethane	2013-08	ug/L		< 4.00	< 4.00										
Bromomethane	2013-10	ug/L		< 4.00	< 4.00		< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Bromomethane	2013-12	ug/L		< 4.00	< 4.00										
Bromomethane	2014-03	ug/L		< 4.00	< 4.00		< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Bromomethane	2014-09	ug/L		< 4.00	< 4.00		< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Bromomethane	2015-05	ug/L		< 4	< 4		< 4		< 4	< 4	< 4	< 4	< 4		
Bromomethane	2015-10	ug/L		< 4	< 4		< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2016-01	ug/L									< 4 J	< 4		< 4	< 4
Bromomethane	2016-04	ug/L		< 4	< 4		< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2016-07	ug/L												< 4	< 4
Bromomethane	2016-09	ug/L	< 4	< 4	< 4	< 4	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2016-12	ug/L													
Bromomethane	2017-03	ug/L	< 4	< 4	< 4	< 4	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2017-08	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2017-11	ug/L						< 4							
Bromomethane	2018-03	ug/L	< 4	< 4	< 4	< 4	< 4	< 4 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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Analytical Data Summary
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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Bromomethane	2018-06	ug/L													
Bromomethane	2018-09	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2018-11	ug/L													
Bromomethane	2019-04	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	~~< 4~~
Bromomethane	2019-05	ug/L		< 4											
Bromomethane	2019-07	ug/L													
Bromomethane	2019-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2020-04	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2020-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2021-05	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2021-10	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2022-04	ug/L		< 4		< 4						< 4	< 4		< 4
Bromomethane	2022-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2023-05	ug/L	< 4	< 4		< 4				< 4		< 4	< 4		< 4
Bromomethane	2023-08	ug/L								< 4					
Bromomethane	2023-11	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2024-02	ug/L								< 4					
Bromomethane	2024-04	ug/L		< 4									< 4		< 4
Bromomethane	2024-05	ug/L				< 4						< 4			
Bromomethane	2024-09	ug/L													
Bromomethane	2024-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2025-04	ug/L	< 4	< 4		< 4						< 4	< 4		< 4
Bromomethane	2025-10	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Butylbenzylphthalate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Butylbenzylphthalate	2009-07	ug/L							< 10.0						
Butylbenzylphthalate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Butylbenzylphthalate	2011-06	ug/L											< 10.0		
Butylbenzylphthalate	2012-04	ug/L											< 10.0		
Butylbenzylphthalate	2012-06	ug/L													
Butylbenzylphthalate	2013-10	ug/L													
Butylbenzylphthalate	2014-03	ug/L			< 10.5	< 10.8	**0.467 J**	**0.544 J**	< 10.6		**0.884 J**				
Butylbenzylphthalate	2014-06	ug/L					< 10.9	< 10.5			< 11.0				
Butylbenzylphthalate	2014-09	ug/L					< 11.1	< 11.1			< 10.9				
Butylbenzylphthalate	2014-12	ug/L					< 10.9	< 10.9			< 11.0				
Butylbenzylphthalate	2015-05	ug/L					< 11	< 11			< 10.1				< 11
Butylbenzylphthalate	2015-10	ug/L													
Butylbenzylphthalate	2016-01	ug/L													
Butylbenzylphthalate	2016-04	ug/L													< 10.3
Butylbenzylphthalate	2017-03	ug/L											< 10.1		
Butylbenzylphthalate	2018-03	ug/L													
Butylbenzylphthalate	2018-06	ug/L													
Butylbenzylphthalate	2018-09	ug/L													
Butylbenzylphthalate	2018-11	ug/L													
Butylbenzylphthalate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Butylbenzylphthalate	2019-07	ug/L													
Butylbenzylphthalate	2021-05	ug/L													< 10.9
Butylbenzylphthalate	2022-04	ug/L											< 10		
Butylbenzylphthalate	2023-05	ug/L								< 10.4					
Butylbenzylphthalate	2023-08	ug/L								< 12.8					
Butylbenzylphthalate	2023-11	ug/L								< 10.2					
Butylbenzylphthalate	2024-02	ug/L								< 9.26					
Butylbenzylphthalate	2024-04	ug/L													< 10
Butylbenzylphthalate	2024-05	ug/L				< 10									

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Bromomethane	2018-06	ug/L						< 4			< 4				
Bromomethane	2018-09	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2018-11	ug/L							< 4						
Bromomethane	2019-04	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	~~< 4~~	< 4	< 4
Bromomethane	2019-05	ug/L													
Bromomethane	2019-07	ug/L										< 4			
Bromomethane	2019-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2020-04	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2020-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2021-05	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2021-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2022-04	ug/L	< 4	< 4	< 4	< 4	< 4					< 4	< 4		
Bromomethane	2022-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**1.19 J**	< 4	< 4	< 4	< 4	< 4
Bromomethane	2023-05	ug/L	< 4	< 4	< 4	< 4	< 4			< 4		< 4	< 4		
Bromomethane	2023-08	ug/L								< 4					
Bromomethane	2023-11	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2024-02	ug/L								< 4					
Bromomethane	2024-04	ug/L	< 4	< 4	< 4	< 4	< 4					< 4	< 4		
Bromomethane	2024-05	ug/L													
Bromomethane	2024-09	ug/L		< 4	< 4	< 4							< 4		
Bromomethane	2024-10	ug/L	< 4				< 4	< 4	< 4	< 4	< 4	< 4		< 4	< 4
Bromomethane	2025-04	ug/L	< 4	< 4	< 4	< 4	< 4					< 4	< 4		
Bromomethane	2025-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Butylbenzylphthalate	2009-04	ug/L													
Butylbenzylphthalate	2009-07	ug/L													
Butylbenzylphthalate	2010-04	ug/L													
Butylbenzylphthalate	2011-06	ug/L													
Butylbenzylphthalate	2012-04	ug/L													
Butylbenzylphthalate	2012-06	ug/L					< 10.0		< 10.0						
Butylbenzylphthalate	2013-10	ug/L					< 10.3		< 10.3						
Butylbenzylphthalate	2014-03	ug/L													
Butylbenzylphthalate	2014-06	ug/L													
Butylbenzylphthalate	2014-09	ug/L													
Butylbenzylphthalate	2014-12	ug/L													
Butylbenzylphthalate	2015-05	ug/L		< 10	< 10							< 11	< 10.9		
Butylbenzylphthalate	2015-10	ug/L									< 10				
Butylbenzylphthalate	2016-01	ug/L									< 10.2	< 10			
Butylbenzylphthalate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Butylbenzylphthalate	2017-03	ug/L	< 10.4			< 10.4									
Butylbenzylphthalate	2018-03	ug/L									< 10				
Butylbenzylphthalate	2018-06	ug/L									< 10.8				
Butylbenzylphthalate	2018-09	ug/L					< 10.9		< 54.3						
Butylbenzylphthalate	2018-11	ug/L							< 10.9						
Butylbenzylphthalate	2019-04	ug/L										< 11.1			
Butylbenzylphthalate	2019-07	ug/L										< 10.8			
Butylbenzylphthalate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Butylbenzylphthalate	2022-04	ug/L													
Butylbenzylphthalate	2023-05	ug/L								< 11.4					
Butylbenzylphthalate	2023-08	ug/L								< 11.6					
Butylbenzylphthalate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Butylbenzylphthalate	2024-02	ug/L								< 10					
Butylbenzylphthalate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Butylbenzylphthalate	2024-05	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Butylbenzylphthalate	2024-10	ug/L			< 10.4				< 10.4						
Cadmium	2007-10	mg/L			< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000938**	< 0.0005	< 0.0005	
Cadmium	2008-01	mg/L			< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Cadmium	2008-04	mg/L			< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Cadmium	2008-07	mg/L			< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Cadmium	2008-10	mg/L			< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Cadmium	2009-04	mg/L			< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	**0.000962**	< 0.000500	< 0.000500	
Cadmium	2009-07	mg/L							< 0.000500			< 0.000500			
Cadmium	2009-10	mg/L			< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	
Cadmium	2009-12	mg/L							< 0.000500			**0.000680**			
Cadmium	2010-02	mg/L										**0.000579**			
Cadmium	2010-04	mg/L			< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	**0.000886**	< 0.000500	< 0.000500	
Cadmium	2010-06	mg/L										< 0.000500			**0.000749**
Cadmium	2010-08	mg/L													**0.00149**
Cadmium	2010-10	mg/L			< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	**0.00136**
Cadmium	2010-12	mg/L													< 0.000500
Cadmium	2011-02	mg/L													**0.000738**
Cadmium	2011-04	mg/L			< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	**0.000516**
Cadmium	2011-06	mg/L											< 0.000500		< 0.000500
Cadmium	2011-10	mg/L			**0.000690**	< 0.000500	< 0.000500 J	< 0.000500	< 0.000500	< 0.000500	< 0.000500 J	< 0.000500 J	< 0.000500	< 0.000500 J	< 0.000500
Cadmium	2011-12	mg/L	< 0.000500												**0.000599**
Cadmium	2012-02	mg/L	< 0.000500												
Cadmium	2012-04	mg/L	< 0.00250		< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	**0.000350 J**	< 0.00250	< 0.00250	< 0.00250
Cadmium	2012-06	mg/L													
Cadmium	2012-08	mg/L	< 0.000500												
Cadmium	2012-10	mg/L	< 0.000500		**0.000700 J**	< 0.0100	**0.000700 J**	< 0.0100	**0.00100 J**	< 0.000500	< 0.00500	< 0.00500	< 0.000500	< 0.00500	< 0.000500
Cadmium	2013-01	mg/L													
Cadmium	2013-04	mg/L	**0.000151 J**		**0.000452 J**	< 0.000500	**0.000133 J**	**0.000225 J**	< 0.000500	**0.000169 J**	**0.000176 J**	< 0.000500	**0.000322 J**	< 0.000500	**0.000125 J**
Cadmium	2013-06	mg/L													
Cadmium	2013-08	mg/L													
Cadmium	2013-10	mg/L	< 0.00100		**0.000252 J**	< 0.00100	**0.000134 J**	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.000111 J**	< 0.00100	< 0.00100
Cadmium	2013-12	mg/L													
Cadmium	2014-03	mg/L	**0.000172 J**		**0.000295 J**	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.000347 J**
Cadmium	2014-09	mg/L	< 0.000500		**0.000176 J**	< 0.000500	**0.000135 J**	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	**0.00171**	< 0.000500	< 0.000500
Cadmium	2015-05	mg/L	< 0.0005		< 0.0005	< 0.0005	**0.000112 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Cadmium	2015-10	mg/L	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000126 J**	< 0.0005	< 0.0005
Cadmium	2016-01	mg/L													
Cadmium	2016-04	mg/L	< 0.0005	< 0.0005	< 0.0005	**0.000127 J**	**0.000053 J**	**0.000215 J**	< 0.0005	< 0.0005	< 0.0005	**0.00009 J**	**0.000089 J**	**0.00052**	**0.000096 J**
Cadmium	2016-07	mg/L		< 0.0005											
Cadmium	2016-09	mg/L		< 0.0005	**0.000154 J**	< 0.0005	**0.000109 J**	< 0.0005	**0.000048 J**	**0.000044 J**	**0.000063 J**	< 0.0005	**0.000087 J**	< 0.0005	< 0.0005
Cadmium	2016-12	mg/L		< 0.0005											
Cadmium	2017-03	mg/L		< 0.0005	< 0.0005	< 0.0005	**0.000054 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000071 J**	< 0.0005		< 0.0005
Cadmium	2017-08	mg/L	< 0.0005	< 0.0005	**0.000064 J**	< 0.0005	**0.000067 J**	< 0.0005	< 0.0005	< 0.0005	**0.000054 J**	**0.000092 J**	**0.000082 J**		< 0.0005
Cadmium	2018-03	mg/L	< 0.0005	< 0.0005	**0.000127 J**	< 0.0005	< 0.0005	**0.000059 J**	< 0.0005	< 0.0005	< 0.0005	**0.000097 J**	< 0.0005		< 0.0005
Cadmium	2018-06	mg/L													
Cadmium	2018-09	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000063 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000075 J**	< 0.0005		< 0.0005
Cadmium	2018-11	mg/L													
Cadmium	2019-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		~~< 0.0005~~
Cadmium	2019-07	mg/L													
Cadmium	2019-10	mg/L	**0.000057 J**	< 0.0001	**0.000315**	< 0.0001	< 0.0001	**0.000041 J**	< 0.0001	< 0.0001	< 0.0001	**0.000057 J**	**0.000068 J**		< 0.0001
Cadmium	2020-04	mg/L		< 0.0001	**0.00028**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000082 J**	< 0.0001		< 0.0001
Cadmium	2020-10	mg/L	< 0.0001	< 0.0001	**0.000232**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000088 J**	**0.00009 J**	**0.000099 J**		< 0.0001
Cadmium	2021-05	mg/L	**0.000243**	< 0.0001	**0.000238**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000051 J**	**0.000071 J**	< 0.0001	< 0.0001

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Butylbenzylphthalate	2024-10	ug/L													
Cadmium	2007-10	mg/L													
Cadmium	2008-01	mg/L													
Cadmium	2008-04	mg/L													
Cadmium	2008-07	mg/L													
Cadmium	2008-10	mg/L													
Cadmium	2009-04	mg/L													
Cadmium	2009-07	mg/L													
Cadmium	2009-10	mg/L													
Cadmium	2009-12	mg/L													
Cadmium	2010-02	mg/L													
Cadmium	2010-04	mg/L													
Cadmium	2010-06	mg/L													
Cadmium	2010-08	mg/L													
Cadmium	2010-10	mg/L													
Cadmium	2010-12	mg/L													
Cadmium	2011-02	mg/L													
Cadmium	2011-04	mg/L													
Cadmium	2011-06	mg/L													
Cadmium	2011-10	mg/L													
Cadmium	2011-12	mg/L													
Cadmium	2012-02	mg/L					**0.0000900 J**		**0.0000700 J**	**0.000190 J**	**0.000170 J**	**0.000310 J**	**0.000160 J**		
Cadmium	2012-04	mg/L					< 0.00250		< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250		
Cadmium	2012-06	mg/L					**0.000260 J**		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500		
Cadmium	2012-08	mg/L					**0.000130 J**		**0.000150 J**	**0.000430 J**	**0.000210 J**	**0.00123**	**0.000200 J**		
Cadmium	2012-10	mg/L		**0.000700 J**	~~< 0.0100~~		< 0.00500		**0.000210 J**	**0.000160 J**	**0.0000800 J**	< 0.000500	**0.0000800 J**		
Cadmium	2013-01	mg/L		< 0.000500	**0.000326 J**										
Cadmium	2013-04	mg/L		**0.000842**	**0.000210 J**		**0.000225 J**		**0.000121 J**	**0.000135 J**	**0.000373 J**	**0.000144 J**	**0.000950**		
Cadmium	2013-06	mg/L		< 0.00250	< 0.00250										
Cadmium	2013-08	mg/L		< 0.000500	< 0.000500										
Cadmium	2013-10	mg/L		< 0.00100	< 0.00100		< 0.00100		< 0.00100	**0.000196 J**	< 0.00100	< 0.00100	**0.000103 J**		
Cadmium	2013-12	mg/L		< 0.00100	< 0.00100										
Cadmium	2014-03	mg/L		< 0.00100	< 0.00100		**0.000197 J**		< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.000154 J**		
Cadmium	2014-09	mg/L		< 0.000500	< 0.000500		< 0.000500		< 0.000500	**0.000223 J**	< 0.000500	< 0.000500	< 0.000500		
Cadmium	2015-05	mg/L		< 0.0005	< 0.0005		< 0.0005		< 0.0005	**0.000152 J**	< 0.0005	< 0.0005	< 0.0005		
Cadmium	2015-10	mg/L	**0.000648**	< 0.0005	< 0.0005	**0.000147 J**	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Cadmium	2016-01	mg/L									< 0.0005	< 0.0005			
Cadmium	2016-04	mg/L	**0.00068**	< 0.0005	< 0.0005	**0.000185 J**	**0.000334 J**		< 0.0005	**0.000091 J**	**0.000634**	**0.000333 J**	**0.000539**		
Cadmium	2016-07	mg/L													
Cadmium	2016-09	mg/L	**0.000664**	< 0.0005	< 0.0005	**0.000143 J**	< 0.0005		< 0.0005	**0.000109 J**	< 0.0005	< 0.0005	**0.000163 J**		
Cadmium	2016-12	mg/L													
Cadmium	2017-03	mg/L	**0.000768**	< 0.0005	**0.000063 J**	**0.000046 J**	< 0.0005		< 0.0005	**0.000055 J**	< 0.0005	< 0.0005	**0.000147 J**		
Cadmium	2017-08	mg/L	**0.000186 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	**0.000048 J**	< 0.0005	< 0.0005	**0.000225 J**		
Cadmium	2018-03	mg/L	**0.000892**	< 0.0005	**0.000105 J**	**0.000188 J**	< 0.0005		< 0.0005	< 0.0005	< 0.0005	**0.000133 J**	**0.000462 J**		
Cadmium	2018-06	mg/L									< 0.0005				
Cadmium	2018-09	mg/L	**0.000978**	< 0.0005	< 0.0005	**0.000091 J**	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.00008 J**		
Cadmium	2018-11	mg/L							< 0.0005						
Cadmium	2019-04	mg/L	**0.000601**	< 0.0005	**0.00025 J**	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	~~< 0.0005~~		
Cadmium	2019-07	mg/L										< 0.0005			
Cadmium	2019-10	mg/L	**0.000095 J**	**0.000054 J**	< 0.0001	**0.000063 J**	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	~~**0.000105**~~		
Cadmium	2020-04	mg/L	**0.000725**	< 0.0001	**0.000054 J**	**0.000074 J**	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000106**		
Cadmium	2020-10	mg/L	**0.000186**	< 0.0001	**0.000066 J**	**0.000052 J**	**0.000051 J**		< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000067 J**		
Cadmium	2021-05	mg/L	**0.00076**	< 0.0001	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000063 J**		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Cadmium	2021-10	mg/L		< 0.0001	**0.000435**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000109**	**0.000077 J**		< 0.0001
Cadmium	2022-04	mg/L		< 0.0001		< 0.0001						**0.000059 J**	< 0.0001		< 0.0001
Cadmium	2022-10	mg/L	**0.000057 J**	**0.000066 J**	**0.00044**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000112**	**0.000055 J**		< 0.0001
Cadmium	2023-05	mg/L	< 0.0002	< 0.0002		< 0.0002				**0.000119 J**		< 0.0002	< 0.0002		< 0.0002
Cadmium	2023-08	mg/L								< 0.0002					
Cadmium	2023-11	mg/L		< 0.0002	**0.000372**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000114 J**	< 0.0002	< 0.0002		< 0.0002
Cadmium	2024-02	mg/L								< 0.0002					
Cadmium	2024-04	mg/L		< 0.0002									< 0.0002		< 0.0002
Cadmium	2024-05	mg/L				< 0.0002						**0.000174 J**			
Cadmium	2024-09	mg/L													
Cadmium	2024-10	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000101 J**	< 0.0002		< 0.0002
Cadmium	2025-04	mg/L	< 0.0002	< 0.0002		< 0.0002						< 0.0002	< 0.0002		< 0.0002
Cadmium	2025-10	mg/L		< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000191 J**	< 0.0002		< 0.0002
Carbon Disulfide	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Carbon Disulfide	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Carbon Disulfide	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Carbon Disulfide	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Carbon Disulfide	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Carbon Disulfide	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Carbon Disulfide	2009-07	ug/L							< 1.00			< 1.00			
Carbon Disulfide	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 2.00	< 2.00	< 1.00	< 1.00	< 2.00	< 1.00	
Carbon Disulfide	2009-12	ug/L							< 1.00			< 1.00			
Carbon Disulfide	2010-02	ug/L										< 1.00			
Carbon Disulfide	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Carbon Disulfide	2010-06	ug/L										< 1.00			< 5.00
Carbon Disulfide	2010-08	ug/L													< 4.00
Carbon Disulfide	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Carbon Disulfide	2010-12	ug/L													< 1.00
Carbon Disulfide	2011-02	ug/L													< 1.00
Carbon Disulfide	2011-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Carbon Disulfide	2011-06	ug/L											< 1.00		< 1.00
Carbon Disulfide	2011-10	ug/L			< 1.00	< 1.00 J	< 1.00 J	< 1.00 J	< 1.00 J	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 J	< 1.00
Carbon Disulfide	2011-12	ug/L	< 1.00 J												< 1.00 J
Carbon Disulfide	2012-02	ug/L	< 1.00												
Carbon Disulfide	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 J	< 1.00	< 1.00 J	< 1.00	< 1.00
Carbon Disulfide	2012-06	ug/L	< 1.00 J												
Carbon Disulfide	2012-08	ug/L	< 1.00 J												
Carbon Disulfide	2012-10	ug/L	< 1.00		< 1.00	< 1.00 J	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	2013-01	ug/L													
Carbon Disulfide	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	2013-06	ug/L													
Carbon Disulfide	2013-08	ug/L													
Carbon Disulfide	2013-10	ug/L	**0.552 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	2013-12	ug/L													
Carbon Disulfide	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2016-01	ug/L													
Carbon Disulfide	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2016-07	ug/L		< 1											
Carbon Disulfide	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2016-12	ug/L		< 1											

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Cadmium	2021-10	mg/L	**0.00119**	< 0.0001	< 0.0001	**0.000088 J**	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001		
Cadmium	2022-04	mg/L	~~**0.000968**~~	< 0.0001	< 0.0001	< 0.0001	< 0.0001					< 0.0001	< 0.0001		
Cadmium	2022-10	mg/L	**0.00023**	**0.000068 J**	< 0.0001	**0.000109**	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001		
Cadmium	2023-05	mg/L	**0.000518**	< 0.0002	< 0.0002	< 0.0002	< 0.0002			< 0.0002		< 0.0002	< 0.0002		
Cadmium	2023-08	mg/L								< 0.0002					
Cadmium	2023-11	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002		< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.0001 J**		
Cadmium	2024-02	mg/L								< 0.0002					
Cadmium	2024-04	mg/L	**0.000384**	< 0.0002	< 0.0002	< 0.0002	< 0.0002					< 0.0002	< 0.0002		
Cadmium	2024-05	mg/L													
Cadmium	2024-09	mg/L		< 0.0002	< 0.0002	< 0.0002							< 0.0002		
Cadmium	2024-10	mg/L	< 0.0002				< 0.0002		< 0.0002	< 0.0002	< 0.0002	< 0.0002			
Cadmium	2025-04	mg/L	**0.000108 J**	< 0.0002	< 0.0002	**0.000241**	< 0.0002					< 0.0002	< 0.0002		
Cadmium	2025-10	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002		< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
Carbon Disulfide	2007-10	ug/L													
Carbon Disulfide	2008-01	ug/L													
Carbon Disulfide	2008-04	ug/L													
Carbon Disulfide	2008-07	ug/L													
Carbon Disulfide	2008-10	ug/L													
Carbon Disulfide	2009-04	ug/L													
Carbon Disulfide	2009-07	ug/L													
Carbon Disulfide	2009-10	ug/L													
Carbon Disulfide	2009-12	ug/L													
Carbon Disulfide	2010-02	ug/L													
Carbon Disulfide	2010-04	ug/L													
Carbon Disulfide	2010-06	ug/L													
Carbon Disulfide	2010-08	ug/L													
Carbon Disulfide	2010-10	ug/L													
Carbon Disulfide	2010-12	ug/L													
Carbon Disulfide	2011-02	ug/L													
Carbon Disulfide	2011-04	ug/L													
Carbon Disulfide	2011-06	ug/L													
Carbon Disulfide	2011-10	ug/L													
Carbon Disulfide	2011-12	ug/L													
Carbon Disulfide	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Carbon Disulfide	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Carbon Disulfide	2012-06	ug/L					< 1.00 J		< 1.00 J	< 1.00 J	< 1.00 J	< 1.00 J	< 1.00 J		
Carbon Disulfide	2012-08	ug/L					**0.220 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 J		
Carbon Disulfide	2012-10	ug/L		< 1.00	< 1.00 J		< 1.00 J		< 1.00 J	< 1.00 J	< 1.00	< 1.00	**0.380 J**		
Carbon Disulfide	2013-01	ug/L		< 1.00	< 1.00										
Carbon Disulfide	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	**13.8**	< 1.00	< 1.00		
Carbon Disulfide	2013-06	ug/L		< 1.00	< 1.00										
Carbon Disulfide	2013-08	ug/L		< 1.00	< 1.00										
Carbon Disulfide	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Carbon Disulfide	2013-12	ug/L		< 1.00	< 1.00										
Carbon Disulfide	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	**0.215 J**	< 1.00	< 1.00		
Carbon Disulfide	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Carbon Disulfide	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
Carbon Disulfide	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2016-01	ug/L									< 1	< 1		< 1	< 1
Carbon Disulfide	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2016-07	ug/L												< 1	< 1
Carbon Disulfide	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2016-12	ug/L													

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Carbon Disulfide	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.176 J**	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2017-11	ug/L													
Carbon Disulfide	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2018-06	ug/L													
Carbon Disulfide	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2018-11	ug/L													
Carbon Disulfide	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Carbon Disulfide	2019-05	ug/L		< 1											
Carbon Disulfide	2019-07	ug/L													
Carbon Disulfide	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
Carbon Disulfide	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2023-05	ug/L	~~< 1~~	< 1		< 1				< 1		< 1	< 1		< 1
Carbon Disulfide	2023-08	ug/L								< 1					
Carbon Disulfide	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2024-02	ug/L								< 1					
Carbon Disulfide	2024-04	ug/L		< 1									< 1		< 1
Carbon Disulfide	2024-05	ug/L				< 1						< 1			
Carbon Disulfide	2024-09	ug/L													
Carbon Disulfide	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Carbon Disulfide	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	2007-10	ug/L			< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	
Carbon Tetrachloride	2008-01	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Carbon Tetrachloride	2008-04	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Carbon Tetrachloride	2008-07	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Carbon Tetrachloride	2008-10	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Carbon Tetrachloride	2009-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
Carbon Tetrachloride	2009-07	ug/L							< 2.00			< 2.00			
Carbon Tetrachloride	2009-10	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
Carbon Tetrachloride	2009-12	ug/L							< 2.00			< 2.00			
Carbon Tetrachloride	2010-02	ug/L										< 2.00			
Carbon Tetrachloride	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Carbon Tetrachloride	2010-06	ug/L										< 4.00			< 4.00
Carbon Tetrachloride	2010-08	ug/L													< 5.00
Carbon Tetrachloride	2010-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Carbon Tetrachloride	2010-12	ug/L													< 2.00
Carbon Tetrachloride	2011-02	ug/L													< 2.00
Carbon Tetrachloride	2011-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Carbon Tetrachloride	2011-06	ug/L											< 2.00		< 2.00
Carbon Tetrachloride	2011-10	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Carbon Tetrachloride	2011-12	ug/L	< 2.00												< 2.00
Carbon Tetrachloride	2012-02	ug/L	< 2.00												
Carbon Tetrachloride	2012-04	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	**0.240 J**	< 2.00	< 2.00	< 2.00
Carbon Tetrachloride	2012-06	ug/L	< 2.00												
Carbon Tetrachloride	2012-08	ug/L	< 2.00												
Carbon Tetrachloride	2012-10	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Carbon Tetrachloride	2013-01	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Carbon Disulfide	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2017-11	ug/L						**0.294 J**							
Carbon Disulfide	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2018-06	ug/L						< 1			< 1				
Carbon Disulfide	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2018-11	ug/L							< 1						
Carbon Disulfide	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
Carbon Disulfide	2019-05	ug/L													
Carbon Disulfide	2019-07	ug/L										< 1			
Carbon Disulfide	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.455 J**	< 1	< 1	< 1	< 1
Carbon Disulfide	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Carbon Disulfide	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			~~< 1~~		< 1	< 1		
Carbon Disulfide	2023-08	ug/L								< 1					
Carbon Disulfide	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2024-02	ug/L								< 1					
Carbon Disulfide	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Carbon Disulfide	2024-05	ug/L													
Carbon Disulfide	2024-09	ug/L		< 1	< 1	< 1							< 1		
Carbon Disulfide	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
Carbon Disulfide	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Carbon Disulfide	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	2007-10	ug/L													
Carbon Tetrachloride	2008-01	ug/L													
Carbon Tetrachloride	2008-04	ug/L													
Carbon Tetrachloride	2008-07	ug/L													
Carbon Tetrachloride	2008-10	ug/L													
Carbon Tetrachloride	2009-04	ug/L													
Carbon Tetrachloride	2009-07	ug/L													
Carbon Tetrachloride	2009-10	ug/L													
Carbon Tetrachloride	2009-12	ug/L													
Carbon Tetrachloride	2010-02	ug/L													
Carbon Tetrachloride	2010-04	ug/L													
Carbon Tetrachloride	2010-06	ug/L													
Carbon Tetrachloride	2010-08	ug/L													
Carbon Tetrachloride	2010-10	ug/L													
Carbon Tetrachloride	2010-12	ug/L													
Carbon Tetrachloride	2011-02	ug/L													
Carbon Tetrachloride	2011-04	ug/L													
Carbon Tetrachloride	2011-06	ug/L													
Carbon Tetrachloride	2011-10	ug/L													
Carbon Tetrachloride	2011-12	ug/L													
Carbon Tetrachloride	2012-02	ug/L					< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2012-04	ug/L					< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2012-06	ug/L					< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2012-08	ug/L					< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2012-10	ug/L		< 2.00	**0.240 J**		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2013-01	ug/L		< 2.00	< 2.00										

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Carbon Tetrachloride	2013-04	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Carbon Tetrachloride	2013-06	ug/L													
Carbon Tetrachloride	2013-08	ug/L													
Carbon Tetrachloride	2013-10	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Carbon Tetrachloride	2013-12	ug/L													
Carbon Tetrachloride	2014-03	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Carbon Tetrachloride	2014-09	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Carbon Tetrachloride	2015-05	ug/L	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2015-10	ug/L	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2016-01	ug/L													
Carbon Tetrachloride	2016-04	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2016-07	ug/L		< 2											
Carbon Tetrachloride	2016-09	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2016-12	ug/L		< 2											
Carbon Tetrachloride	2017-03	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2017-08	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2017-11	ug/L													
Carbon Tetrachloride	2018-03	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2018-06	ug/L													
Carbon Tetrachloride	2018-09	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2018-11	ug/L													
Carbon Tetrachloride	2019-04	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	~~< 2~~
Carbon Tetrachloride	2019-05	ug/L		< 2											
Carbon Tetrachloride	2019-07	ug/L													
Carbon Tetrachloride	2019-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2020-04	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2020-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2021-05	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2021-10	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2022-04	ug/L		< 2		< 2						< 2	< 2		< 2
Carbon Tetrachloride	2022-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2023-05	ug/L	< 2	< 2		< 2				< 2		< 2	< 2		< 2
Carbon Tetrachloride	2023-08	ug/L								< 2					
Carbon Tetrachloride	2023-11	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2024-02	ug/L								< 2					
Carbon Tetrachloride	2024-04	ug/L		< 2									< 2		< 2
Carbon Tetrachloride	2024-05	ug/L				< 2						< 2			
Carbon Tetrachloride	2024-09	ug/L													
Carbon Tetrachloride	2024-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2025-04	ug/L	< 2	< 2		< 2						< 2	< 2		< 2
Carbon Tetrachloride	2025-10	ug/L		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	2007-10	ug/L			< 1	**2.44**	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Chlorobenzene	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Chlorobenzene	2008-04	ug/L			< 1	**5**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Chlorobenzene	2008-07	ug/L			< 1	**3.16**	< 1	**2.15**	< 1	< 1	< 1	< 1	< 1	< 1	
Chlorobenzene	2008-10	ug/L			< 1	**2.51**	< 1	**2.18**	< 1	< 1	< 1	< 1	< 1	< 1	
Chlorobenzene	2009-04	ug/L			**0.290 J**	**2.34**	< 1.00	< 1.00	< 1.00	< 1.00	**0.330 J**	< 1.00	< 1.00	< 1.00	
Chlorobenzene	2009-07	ug/L							< 1.00			< 1.00			
Chlorobenzene	2009-10	ug/L			< 1.00	**1.93**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Chlorobenzene	2009-12	ug/L							< 1.00			< 1.00			
Chlorobenzene	2010-02	ug/L										< 1.00			
Chlorobenzene	2010-04	ug/L			< 1.00	**1.66**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Chlorobenzene	2010-06	ug/L										< 1.00			< 1.00

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Carbon Tetrachloride	2013-04	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2013-06	ug/L		< 2.00	< 2.00										
Carbon Tetrachloride	2013-08	ug/L		< 2.00	< 2.00										
Carbon Tetrachloride	2013-10	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2013-12	ug/L		< 2.00	< 2.00										
Carbon Tetrachloride	2014-03	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2014-09	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Carbon Tetrachloride	2015-05	ug/L		< 2	< 2		< 2		< 2	< 2	< 2	< 2	< 2		
Carbon Tetrachloride	2015-10	ug/L		< 2	< 2		< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2016-01	ug/L									< 2	< 2		< 2	< 2
Carbon Tetrachloride	2016-04	ug/L		< 2	< 2		< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2016-07	ug/L												< 2	< 2
Carbon Tetrachloride	2016-09	ug/L	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2016-12	ug/L													
Carbon Tetrachloride	2017-03	ug/L	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2017-08	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2017-11	ug/L						< 2							
Carbon Tetrachloride	2018-03	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2018-06	ug/L						< 2			< 2				
Carbon Tetrachloride	2018-09	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2018-11	ug/L							< 2						
Carbon Tetrachloride	2019-04	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	~~< 2~~	< 2	< 2
Carbon Tetrachloride	2019-05	ug/L													
Carbon Tetrachloride	2019-07	ug/L										< 2			
Carbon Tetrachloride	2019-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2020-04	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2020-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2021-05	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2021-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2022-04	ug/L	< 2	< 2	< 2	< 2	< 2					< 2	< 2		
Carbon Tetrachloride	2022-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2023-05	ug/L	< 2	< 2	< 2	< 2	< 2			< 2		< 2	< 2		
Carbon Tetrachloride	2023-08	ug/L								< 2					
Carbon Tetrachloride	2023-11	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2024-02	ug/L								< 2					
Carbon Tetrachloride	2024-04	ug/L	< 2	< 2	< 2	< 2	< 2					< 2	< 2		
Carbon Tetrachloride	2024-05	ug/L													
Carbon Tetrachloride	2024-09	ug/L		< 2	< 2	< 2							< 2		
Carbon Tetrachloride	2024-10	ug/L	< 2				< 2	< 2	< 2	< 2	< 2	< 2		< 2	< 2
Carbon Tetrachloride	2025-04	ug/L	< 2	< 2	< 2	< 2	< 2					< 2	< 2		
Carbon Tetrachloride	2025-10	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	2007-10	ug/L													
Chlorobenzene	2008-01	ug/L													
Chlorobenzene	2008-04	ug/L													
Chlorobenzene	2008-07	ug/L													
Chlorobenzene	2008-10	ug/L													
Chlorobenzene	2009-04	ug/L													
Chlorobenzene	2009-07	ug/L													
Chlorobenzene	2009-10	ug/L													
Chlorobenzene	2009-12	ug/L													
Chlorobenzene	2010-02	ug/L													
Chlorobenzene	2010-04	ug/L													
Chlorobenzene	2010-06	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Chlorobenzene	2010-08	ug/L													< 1.00
Chlorobenzene	2010-10	ug/L			< 1.00	**4.49**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2010-12	ug/L													< 1.00
Chlorobenzene	2011-02	ug/L													< 1.00
Chlorobenzene	2011-04	ug/L			< 1.00	**2.35**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2011-06	ug/L											< 1.00		< 1.00
Chlorobenzene	2011-10	ug/L			< 1.00	**3.94**	< 1.00	**2.56**	**1.01**	< 1.00	**0.910 J**	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2011-12	ug/L	< 1.00												< 1.00
Chlorobenzene	2012-02	ug/L	< 1.00												
Chlorobenzene	2012-04	ug/L	< 1.00		**0.490 J**	**1.56**	< 1.00	< 1.00	**0.990 J**	< 1.00	**0.940 J**	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2012-06	ug/L	< 1.00												
Chlorobenzene	2012-08	ug/L	< 1.00												
Chlorobenzene	2012-10	ug/L	< 1.00		**0.280 J**	**4.04**	**0.480 J**	**6.35**	**2.96**	< 1.00	**1.18**	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2013-01	ug/L													
Chlorobenzene	2013-04	ug/L	< 1.00		< 1.00	**0.878 J**	< 1.00	< 1.00	< 1.00	< 1.00	**1.27**	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2013-06	ug/L													
Chlorobenzene	2013-08	ug/L													
Chlorobenzene	2013-10	ug/L	< 1.00		< 1.00	**1.13**	**0.510 J**	**0.756 J**	**0.939 J**	< 1.00	**0.586 J**	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2013-12	ug/L													
Chlorobenzene	2014-03	ug/L	< 1.00		< 1.00	**2.46**	< 1.00	< 1.00	< 1.00	< 1.00	**1.01**	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	**0.538 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2015-05	ug/L	< 1		< 1	**0.415 J**	< 1	< 1	**0.34 J**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2016-01	ug/L													
Chlorobenzene	2016-04	ug/L	< 1	< 1	< 1	**0.349 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2016-07	ug/L		< 1											
Chlorobenzene	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2016-12	ug/L		< 1											
Chlorobenzene	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2017-08	ug/L	< 1	< 1	< 1	**3.53**	< 1	**0.365 J**	**0.858 J**	< 1	**0.783 J**	< 1	< 1	< 1	< 1
Chlorobenzene	2017-11	ug/L													
Chlorobenzene	2018-03	ug/L	< 1	< 1	< 1	**6.83**	**0.214 J**	< 1	**2.4**	< 1	**1.17**	< 1	< 1	< 1	< 1
Chlorobenzene	2018-06	ug/L									< 1				
Chlorobenzene	2018-09	ug/L	< 1	< 1	< 1	**1.37**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2018-11	ug/L													
Chlorobenzene	2019-04	ug/L	< 1	< 1	< 1	**5.06**	< 1	< 1	**1.08**	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Chlorobenzene	2019-05	ug/L		< 1											
Chlorobenzene	2019-07	ug/L													
Chlorobenzene	2019-10	ug/L	< 1	< 1	< 1	**7.85**	< 1	< 1	**1.26**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2020-04	ug/L		< 1	< 1	**5.55**	**1.46**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2020-08	ug/L					< 1								
Chlorobenzene	2020-10	ug/L	< 1	< 1	< 1	**9.93**	< 1	< 1	**2.56**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2021-05	ug/L	< 1	< 1	< 1	**8.66**	< 1	< 1	**1.82**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2021-10	ug/L		< 1	**0.647 J**	**10.7**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2022-04	ug/L		< 1		**5.59**						< 1	< 1		< 1
Chlorobenzene	2022-10	ug/L	< 1	< 1	< 1	**2.82**	< 1	< 1	**1.88**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2023-05	ug/L	< 1	< 1		**0.698 J**				< 1		< 1	< 1		< 1
Chlorobenzene	2023-08	ug/L								< 1					
Chlorobenzene	2023-11	ug/L		< 1	< 1	**0.949 J**	< 1	< 1	**2.34**	< 1	**0.592 J**	< 1	< 1	< 1	< 1
Chlorobenzene	2024-02	ug/L								< 1					
Chlorobenzene	2024-04	ug/L		< 1									< 1		< 1
Chlorobenzene	2024-05	ug/L				< 1						< 1			
Chlorobenzene	2024-09	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Chlorobenzene	2010-08	ug/L													
Chlorobenzene	2010-10	ug/L													
Chlorobenzene	2010-12	ug/L													
Chlorobenzene	2011-02	ug/L													
Chlorobenzene	2011-04	ug/L													
Chlorobenzene	2011-06	ug/L													
Chlorobenzene	2011-10	ug/L													
Chlorobenzene	2011-12	ug/L													
Chlorobenzene	2012-02	ug/L					< 1.00		**4.90**	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2012-04	ug/L					< 1.00		**1.72**	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2012-06	ug/L					**0.280 J**		**1.88**	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2012-08	ug/L					**2.68**		**2.83**	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2012-10	ug/L		< 1.00	< 1.00		**1.81**		**4.60**	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2013-01	ug/L		< 1.00	< 1.00										
Chlorobenzene	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2013-06	ug/L		< 1.00	< 1.00										
Chlorobenzene	2013-08	ug/L		< 1.00	< 1.00										
Chlorobenzene	2013-10	ug/L		< 1.00	< 1.00		< 1.00		**1.72**	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2013-12	ug/L		< 1.00	< 1.00										
Chlorobenzene	2014-03	ug/L		< 1.00	< 1.00		< 1.00		**1.02**	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chlorobenzene	2015-05	ug/L		< 1	< 1		**0.475 J**		< 1	< 1	< 1	< 1	< 1		
Chlorobenzene	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2016-01	ug/L									< 1	< 1		< 1	< 1
Chlorobenzene	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2016-07	ug/L												**0.201 J**	< 1
Chlorobenzene	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2016-12	ug/L													
Chlorobenzene	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**3.02**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2017-11	ug/L						< 1	< 1						
Chlorobenzene	2018-03	ug/L	< 1	< 1	< 1	< 1	**0.65 J**	< 1	**1.82**	< 1	< 1	< 1	< 1	**0.313 J**	< 1
Chlorobenzene	2018-06	ug/L						< 1	**1.85**		< 1				
Chlorobenzene	2018-09	ug/L	< 1	< 1	< 1	< 1	**0.586 J**	< 1	**2.73**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2018-11	ug/L							< 1						
Chlorobenzene	2019-04	ug/L	< 1	< 1	< 1	< 1	**0.678 J**	< 1	**1.03**	< 1	< 1	< 1	~~< 1~~	**1.01**	< 1
Chlorobenzene	2019-05	ug/L													
Chlorobenzene	2019-07	ug/L										< 1			
Chlorobenzene	2019-10	ug/L	< 1	< 1	< 1	< 1	**0.982 J**	< 1	**2.54**	< 1	< 1	< 1	< 1	**0.72 J**	< 1
Chlorobenzene	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**1.73**	< 1	< 1	< 1	< 1	**0.969 J**	< 1
Chlorobenzene	2020-08	ug/L													
Chlorobenzene	2020-10	ug/L	< 1	< 1	< 1	< 1	**1.89**	< 1	**2.1**	< 1	< 1	< 1	< 1	**1.08**	< 1
Chlorobenzene	2021-05	ug/L	< 1	< 1	< 1	< 1	**2.56**	< 1	**2.37**	< 1	< 1	< 1	< 1	**0.697 J**	< 1
Chlorobenzene	2021-10	ug/L	< 1	< 1	< 1	< 1	**3.16**	< 1	< 1	< 1	< 1	< 1	< 1	**1.72**	< 1
Chlorobenzene	2022-04	ug/L	< 1	< 1	< 1	< 1	**2.9**					< 1	< 1		
Chlorobenzene	2022-10	ug/L	< 1	< 1	< 1	< 1	**3.16**	< 1	**2.12**	< 1	< 1	< 1	< 1	**0.918 J**	< 1
Chlorobenzene	2023-05	ug/L	< 1	< 1	< 1	< 1	**3.56**			< 1		< 1	< 1		
Chlorobenzene	2023-08	ug/L								< 1					
Chlorobenzene	2023-11	ug/L	< 1	< 1	< 1	< 1	**4.16**	< 1	**2.37**	< 1	< 1	< 1	< 1	**0.427 J**	< 1
Chlorobenzene	2024-02	ug/L								< 1					
Chlorobenzene	2024-04	ug/L	< 1	< 1	< 1	< 1	**4.14**					< 1	< 1		
Chlorobenzene	2024-05	ug/L													
Chlorobenzene	2024-09	ug/L		< 1	< 1	< 1							< 1		

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Chlorobenzene	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**2.2**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Chlorobenzene	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	**1.29**	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzilate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Chlorobenzilate	2009-07	ug/L							< 10.0						
Chlorobenzilate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Chlorobenzilate	2011-06	ug/L											< 10.0		
Chlorobenzilate	2012-04	ug/L											< 10.0		
Chlorobenzilate	2012-06	ug/L													
Chlorobenzilate	2013-10	ug/L													
Chlorobenzilate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Chlorobenzilate	2015-10	ug/L													
Chlorobenzilate	2016-01	ug/L													
Chlorobenzilate	2016-04	ug/L													< 10.3
Chlorobenzilate	2017-03	ug/L											< 10.1		
Chlorobenzilate	2018-03	ug/L													
Chlorobenzilate	2018-06	ug/L													
Chlorobenzilate	2018-09	ug/L													
Chlorobenzilate	2018-11	ug/L													
Chlorobenzilate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Chlorobenzilate	2019-07	ug/L													
Chlorobenzilate	2021-05	ug/L													< 10.9
Chlorobenzilate	2022-04	ug/L											< 10		
Chlorobenzilate	2023-05	ug/L								< 10.4					
Chlorobenzilate	2023-08	ug/L								< 12.8					
Chlorobenzilate	2023-11	ug/L								< 10.2					
Chlorobenzilate	2024-02	ug/L								< 9.26					
Chlorobenzilate	2024-04	ug/L													< 10
Chlorobenzilate	2024-05	ug/L				< 10									
Chlorobenzilate	2024-10	ug/L			< 10.4				< 10.4						
Chlorodibromomethane	2007-10	ug/L			< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	
Chlorodibromomethane	2008-01	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Chlorodibromomethane	2008-04	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Chlorodibromomethane	2008-07	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Chlorodibromomethane	2008-10	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Chlorodibromomethane	2009-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	**0.420 J**	< 5.00	< 5.00	< 5.00	
Chlorodibromomethane	2009-07	ug/L							< 5.00			< 5.00			
Chlorodibromomethane	2009-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 10.0	< 10.0	< 5.00	< 5.00	< 10.0	< 5.00	
Chlorodibromomethane	2009-12	ug/L							< 10.0			< 10.0			
Chlorodibromomethane	2010-02	ug/L										< 5.00			
Chlorodibromomethane	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Chlorodibromomethane	2010-06	ug/L										< 5.00			< 5.00
Chlorodibromomethane	2010-08	ug/L													< 10.0
Chlorodibromomethane	2010-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2010-12	ug/L													< 5.00
Chlorodibromomethane	2011-02	ug/L													< 5.00
Chlorodibromomethane	2011-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2011-06	ug/L											< 5.00		< 5.00
Chlorodibromomethane	2011-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2011-12	ug/L	< 5.00												< 5.00
Chlorodibromomethane	2012-02	ug/L	< 5.00												
Chlorodibromomethane	2012-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2012-06	ug/L	< 5.00												

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Chlorobenzene	2024-10	ug/L	< 1				**4.32**	< 1	**1.79**	< 1	< 1	< 1		**0.578 J**	< 1
Chlorobenzene	2025-04	ug/L	< 1	< 1	< 1	< 1	**5.11**					< 1	< 1		
Chlorobenzene	2025-10	ug/L	< 1	< 1	< 1	< 1	**5.36**	< 1	**0.732 J**	< 1	< 1	< 1	< 1	**0.523 J**	< 1
Chlorobenzilate	2009-04	ug/L													
Chlorobenzilate	2009-07	ug/L													
Chlorobenzilate	2010-04	ug/L													
Chlorobenzilate	2011-06	ug/L													
Chlorobenzilate	2012-04	ug/L													
Chlorobenzilate	2012-06	ug/L					< 10.0		< 10.0						
Chlorobenzilate	2013-10	ug/L					< 10.3		< 10.3						
Chlorobenzilate	2014-03	ug/L													
Chlorobenzilate	2015-10	ug/L									< 10				
Chlorobenzilate	2016-01	ug/L									< 10.2	< 10			
Chlorobenzilate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Chlorobenzilate	2017-03	ug/L	< 10.4			< 10.4									
Chlorobenzilate	2018-03	ug/L									< 10				
Chlorobenzilate	2018-06	ug/L									< 10.8				
Chlorobenzilate	2018-09	ug/L					< 10.9		< 54.3						
Chlorobenzilate	2018-11	ug/L							< 10.9						
Chlorobenzilate	2019-04	ug/L										< 11.1			
Chlorobenzilate	2019-07	ug/L										< 10.8			
Chlorobenzilate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Chlorobenzilate	2022-04	ug/L													
Chlorobenzilate	2023-05	ug/L								< 11.4					
Chlorobenzilate	2023-08	ug/L								< 11.6					
Chlorobenzilate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Chlorobenzilate	2024-02	ug/L								< 10					
Chlorobenzilate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Chlorobenzilate	2024-05	ug/L													
Chlorobenzilate	2024-10	ug/L													
Chlorodibromomethane	2007-10	ug/L													
Chlorodibromomethane	2008-01	ug/L													
Chlorodibromomethane	2008-04	ug/L													
Chlorodibromomethane	2008-07	ug/L													
Chlorodibromomethane	2008-10	ug/L													
Chlorodibromomethane	2009-04	ug/L													
Chlorodibromomethane	2009-07	ug/L													
Chlorodibromomethane	2009-10	ug/L													
Chlorodibromomethane	2009-12	ug/L													
Chlorodibromomethane	2010-02	ug/L													
Chlorodibromomethane	2010-04	ug/L													
Chlorodibromomethane	2010-06	ug/L													
Chlorodibromomethane	2010-08	ug/L													
Chlorodibromomethane	2010-10	ug/L													
Chlorodibromomethane	2010-12	ug/L													
Chlorodibromomethane	2011-02	ug/L													
Chlorodibromomethane	2011-04	ug/L													
Chlorodibromomethane	2011-06	ug/L													
Chlorodibromomethane	2011-10	ug/L													
Chlorodibromomethane	2011-12	ug/L													
Chlorodibromomethane	2012-02	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Chlorodibromomethane	2012-04	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Chlorodibromomethane	2012-06	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		

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Chlorodibromomethane	2012-08	ug/L	< 5.00												
Chlorodibromomethane	2012-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2013-01	ug/L													
Chlorodibromomethane	2013-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2013-06	ug/L													
Chlorodibromomethane	2013-08	ug/L													
Chlorodibromomethane	2013-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2013-12	ug/L													
Chlorodibromomethane	2014-03	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2014-09	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Chlorodibromomethane	2015-05	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2015-10	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2016-01	ug/L													
Chlorodibromomethane	2016-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2016-07	ug/L		< 5											
Chlorodibromomethane	2016-09	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2016-12	ug/L		< 5											
Chlorodibromomethane	2017-03	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2017-11	ug/L													
Chlorodibromomethane	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2018-06	ug/L													
Chlorodibromomethane	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2018-11	ug/L													
Chlorodibromomethane	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~
Chlorodibromomethane	2019-05	ug/L		< 5											
Chlorodibromomethane	2019-07	ug/L													
Chlorodibromomethane	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2020-04	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2021-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2022-04	ug/L		< 5		< 5						< 5	< 5		< 5
Chlorodibromomethane	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2023-05	ug/L	< 5	< 5		< 5				< 5		< 5	< 5		< 5
Chlorodibromomethane	2023-08	ug/L								< 5					
Chlorodibromomethane	2023-11	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2024-02	ug/L								< 5					
Chlorodibromomethane	2024-04	ug/L		< 5									< 5		< 5
Chlorodibromomethane	2024-05	ug/L				< 5						< 5			
Chlorodibromomethane	2024-09	ug/L													
Chlorodibromomethane	2024-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2025-04	ug/L	< 5	< 5		< 5						< 5	< 5		< 5
Chlorodibromomethane	2025-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane	2007-10	ug/L			< 4	**11.5**	< 4	< 20	< 4	< 4	< 4	< 4	< 4	< 4	
Chloroethane	2008-01	ug/L			< 4	**12.6**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Chloroethane	2008-04	ug/L			< 4	**5.34**	< 4	**91.9**	< 4	< 4	< 4	< 4	< 4	< 4	
Chloroethane	2008-07	ug/L			< 4	**6.37**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Chloroethane	2008-10	ug/L			< 4	**6.55**	< 4	**4.46**	< 4	< 4	< 4	< 4	< 4	< 4	
Chloroethane	2009-04	ug/L			**1.67 J**	**3.26 J**	**2.45 J**	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Chloroethane	2009-07	ug/L							< 4.00			< 4.00			
Chloroethane	2009-10	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Chloroethane	2009-12	ug/L							< 4.00			< 4.00			

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Chlorodibromomethane	2012-08	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Chlorodibromomethane	2012-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Chlorodibromomethane	2013-01	ug/L		< 5.00	< 5.00										
Chlorodibromomethane	2013-04	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Chlorodibromomethane	2013-06	ug/L		< 5.00	< 5.00										
Chlorodibromomethane	2013-08	ug/L		< 5.00	< 5.00										
Chlorodibromomethane	2013-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Chlorodibromomethane	2013-12	ug/L		< 5.00	< 5.00										
Chlorodibromomethane	2014-03	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Chlorodibromomethane	2014-09	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Chlorodibromomethane	2015-05	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5		
Chlorodibromomethane	2015-10	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2016-01	ug/L									< 5	< 5		< 5	< 5
Chlorodibromomethane	2016-04	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2016-07	ug/L												< 5	< 5
Chlorodibromomethane	2016-09	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2016-12	ug/L													
Chlorodibromomethane	2017-03	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2017-11	ug/L						< 5							
Chlorodibromomethane	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2018-06	ug/L						< 5			< 5				
Chlorodibromomethane	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2018-11	ug/L							< 5						
Chlorodibromomethane	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~	< 5	< 5
Chlorodibromomethane	2019-05	ug/L													
Chlorodibromomethane	2019-07	ug/L										< 5			
Chlorodibromomethane	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2020-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2021-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2022-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Chlorodibromomethane	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2023-05	ug/L	< 5	< 5	< 5	< 5	< 5			< 5		< 5	< 5		
Chlorodibromomethane	2023-08	ug/L								< 5					
Chlorodibromomethane	2023-11	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2024-02	ug/L								< 5					
Chlorodibromomethane	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Chlorodibromomethane	2024-05	ug/L													
Chlorodibromomethane	2024-09	ug/L		< 5	< 5	< 5							< 5		
Chlorodibromomethane	2024-10	ug/L	< 5				< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5
Chlorodibromomethane	2025-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Chlorodibromomethane	2025-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane	2007-10	ug/L													
Chloroethane	2008-01	ug/L													
Chloroethane	2008-04	ug/L													
Chloroethane	2008-07	ug/L													
Chloroethane	2008-10	ug/L													
Chloroethane	2009-04	ug/L													
Chloroethane	2009-07	ug/L													
Chloroethane	2009-10	ug/L													
Chloroethane	2009-12	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Chloroethane	2010-02	ug/L										< 4.00			
Chloroethane	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	**4.90**	< 4.00	
Chloroethane	2010-06	ug/L										< 4.00			< 4.00
Chloroethane	2010-08	ug/L													< 4.00
Chloroethane	2010-10	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Chloroethane	2010-12	ug/L													< 4.00
Chloroethane	2011-02	ug/L													< 4.00
Chloroethane	2011-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	**6.93**	< 4.00	< 4.00
Chloroethane	2011-06	ug/L											**8.60**		< 4.00
Chloroethane	2011-10	ug/L			**0.350 J**	**0.390 J**	< 4.00	**1.99 J**	**1.67 J**	< 4.00	**0.170 J**	< 4.00	**16.2**	< 4.00	< 4.00
Chloroethane	2011-12	ug/L	< 4.00												< 4.00
Chloroethane	2012-02	ug/L	**0.220 J**												
Chloroethane	2012-04	ug/L	< 4.00		**0.640 J**	**0.310 J**	**0.160 J**	< 4.00	**1.19 J**	< 4.00	**0.580 J**	< 4.00	**10.1**	< 4.00	< 4.00
Chloroethane	2012-06	ug/L	< 4.00												
Chloroethane	2012-08	ug/L	< 4.00 J												
Chloroethane	2012-10	ug/L	< 4.00		**0.330 J**	**1.02 J**	< 4.00	**1.41 J**	**1.81 J**	**0.520 J**	**0.880 J**	**0.230 J**	**11.4**	< 4.00	< 4.00
Chloroethane	2013-01	ug/L													
Chloroethane	2013-04	ug/L	< 4.00		**4.00**	< 4.00	< 4.00	< 4.00	**3.86 J**	< 4.00	**0.940 J**	< 4.00	**8.03**	< 4.00	< 4.00
Chloroethane	2013-06	ug/L													
Chloroethane	2013-08	ug/L													
Chloroethane	2013-10	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	**1.25 J**	< 4.00	< 4.00	< 4.00	**10.2**	< 4.00	< 4.00
Chloroethane	2013-12	ug/L													
Chloroethane	2014-03	ug/L	< 4.00		**0.260 J**	< 4.00	< 4.00	< 4.00	**1.08 J**	< 4.00	< 4.00	< 4.00	**5.40**	< 4.00	< 4.00
Chloroethane	2014-09	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	**10.6**	< 4.00	< 4.00
Chloroethane	2015-05	ug/L	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**18.8**	< 4	< 4
Chloroethane	2015-10	ug/L	**2 J**		< 4	< 4	< 4	< 4	**0.862 J**	< 4	< 4	< 4	**18.8**	< 4	< 4
Chloroethane	2016-01	ug/L													
Chloroethane	2016-04	ug/L	**3.03 J**	< 4	< 4	< 4	< 4	< 4	**0.998 J**	< 4	< 4	< 4	**16.3**	< 4	< 4
Chloroethane	2016-07	ug/L		< 4											
Chloroethane	2016-09	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**6.35**	< 4	< 4
Chloroethane	2016-12	ug/L		< 4											
Chloroethane	2017-03	ug/L		**0.688 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**13.9**	< 4	< 4
Chloroethane	2017-08	ug/L	**1.76 J**	< 4	< 4	**0.653 J**	< 4	< 4	**1.13 J**	< 4	< 4	< 4	**10.3**	< 4	< 4
Chloroethane	2017-11	ug/L													
Chloroethane	2018-03	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroethane	2018-06	ug/L													
Chloroethane	2018-09	ug/L	**3.58 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**6.29**	< 4	< 4
Chloroethane	2018-11	ug/L													
Chloroethane	2019-04	ug/L	**1.15 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**2.29 J**	< 4	~~< 4~~
Chloroethane	2019-05	ug/L		< 4											
Chloroethane	2019-07	ug/L													
Chloroethane	2019-10	ug/L	**0.871 J**	< 4	< 4	< 4	< 4	< 4	**0.904 J**	< 4	< 4	< 4	**5.46**	< 4	< 4
Chloroethane	2020-04	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**3.63 J**	< 4	< 4
Chloroethane	2020-10	ug/L	**0.897 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**4.68**	< 4	< 4
Chloroethane	2021-05	ug/L	< 4	< 4	< 4	**1.12 J**	< 4	< 4	< 4	< 4	< 4	< 4	**6.28**	< 4	< 4
Chloroethane	2021-10	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**4.42**	< 4	< 4
Chloroethane	2022-04	ug/L		< 4		< 4						< 4	**2.58 J**		< 4
Chloroethane	2022-10	ug/L	**1.25 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**6.97**	< 4	< 4
Chloroethane	2023-05	ug/L	< 4	< 4		< 4				< 4		< 4	**6.59**		< 4
Chloroethane	2023-08	ug/L								< 4					
Chloroethane	2023-11	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**6.42**	< 4	< 4
Chloroethane	2024-02	ug/L								< 4					
Chloroethane	2024-04	ug/L		< 4									**5.66 J+**		< 4

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Chloroethane	2010-02	ug/L													
Chloroethane	2010-04	ug/L													
Chloroethane	2010-06	ug/L													
Chloroethane	2010-08	ug/L													
Chloroethane	2010-10	ug/L													
Chloroethane	2010-12	ug/L													
Chloroethane	2011-02	ug/L													
Chloroethane	2011-04	ug/L													
Chloroethane	2011-06	ug/L													
Chloroethane	2011-10	ug/L													
Chloroethane	2011-12	ug/L													
Chloroethane	2012-02	ug/L					**2.25 J**		**0.690 J**	< 4.00	**0.180 J**	**0.150 J**	< 4.00		
Chloroethane	2012-04	ug/L					**1.90 J**		**0.280 J**	< 4.00	**0.410 J**	< 4.00	< 4.00		
Chloroethane	2012-06	ug/L					< 4.00 J		< 4.00	< 4.00 J	< 4.00 J	< 4.00	< 4.00		
Chloroethane	2012-08	ug/L					**2.40 J**		**0.670 J**	**0.790 J**	**0.830 J**	**0.370 J**	< 4.00		
Chloroethane	2012-10	ug/L		**0.250 J**	< 4.00		**2.91 J**		**0.670 J**	< 4.00	< 4.00	< 4.00	< 4.00		
Chloroethane	2013-01	ug/L		< 4.00	< 4.00										
Chloroethane	2013-04	ug/L		< 4.00	< 4.00		**5.07**		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Chloroethane	2013-06	ug/L		< 4.00	< 4.00										
Chloroethane	2013-08	ug/L		< 4.00	< 4.00										
Chloroethane	2013-10	ug/L		< 4.00	< 4.00		**2.13 J**		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Chloroethane	2013-12	ug/L		< 4.00	< 4.00										
Chloroethane	2014-03	ug/L		< 4.00	< 4.00		**2.72 J**		< 4.00	< 4.00	**2.40 J**	< 4.00	< 4.00		
Chloroethane	2014-09	ug/L		< 4.00	< 4.00		**1.90 J**		< 4.00	< 4.00	**2.55 J**	< 4.00	< 4.00		
Chloroethane	2015-05	ug/L		< 4	< 4		< 4		< 4	< 4	< 4	**8.57**	< 4		
Chloroethane	2015-10	ug/L		< 4	< 4		**2.53 J**		< 4	< 4	**1.08 J**	**3.09 J**	< 4	< 4	< 4
Chloroethane	2016-01	ug/L									**0.692 J**	**1.43 J**		< 4	< 4
Chloroethane	2016-04	ug/L		< 4	< 4		**3.1 J**		< 4	< 4	< 4	**0.607 J**	< 4	< 4	< 4
Chloroethane	2016-07	ug/L												< 4	< 4
Chloroethane	2016-09	ug/L	< 4	< 4	< 4	< 4	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroethane	2016-12	ug/L													
Chloroethane	2017-03	ug/L	< 4	< 4	< 4	< 4	**3.19 J**		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroethane	2017-08	ug/L	< 4	< 4	< 4	< 4	**2.83 J**	< 4	**0.335 J**	< 4	**1.32 J**	**1.26 J**	< 4	< 4	< 4
Chloroethane	2017-11	ug/L						< 4							
Chloroethane	2018-03	ug/L	< 4	< 4	< 4	< 4	**0.783 J**	< 4	< 4	< 4	**1.93 J**	< 4	< 4	< 4	< 4
Chloroethane	2018-06	ug/L						< 4			**1.24 J**				
Chloroethane	2018-09	ug/L	< 4	< 4	< 4	< 4	**2.67 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroethane	2018-11	ug/L							< 4						
Chloroethane	2019-04	ug/L	< 4	< 4	< 4	< 4	**2.35 J**	< 4	< 4	< 4	**0.951 J**	< 4	~~< 4~~	< 4	< 4
Chloroethane	2019-05	ug/L													
Chloroethane	2019-07	ug/L										< 4			
Chloroethane	2019-10	ug/L	< 4	< 4	< 4	< 4	**2.73 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroethane	2020-04	ug/L	< 4	< 4	< 4	< 4	**2.35 J**	< 4	< 4	< 4	**0.885 J**	**1.52 J**	< 4	< 4	< 4
Chloroethane	2020-10	ug/L	< 4	< 4	< 4	< 4	**1.87 J**	< 4	< 4	< 4	**0.973 J**	< 4	< 4	< 4	< 4
Chloroethane	2021-05	ug/L	< 4	< 4	< 4	< 4	**1.98 J**	< 4	< 4	< 4	**1.49 J**	< 4	< 4	< 4	< 4
Chloroethane	2021-10	ug/L	< 4	< 4	< 4	< 4	**1.48 J**	< 4	< 4	< 4	**1.91 J**	< 4	< 4	< 4	< 4
Chloroethane	2022-04	ug/L	< 4	< 4	< 4	< 4	**1.64 J**					< 4	< 4		
Chloroethane	2022-10	ug/L	< 4	< 4	< 4	< 4	**1.95 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroethane	2023-05	ug/L	< 4	< 4	< 4	< 4	**1.4 J**			< 4		< 4	< 4		
Chloroethane	2023-08	ug/L								< 4					
Chloroethane	2023-11	ug/L	< 4	< 4	< 4	< 4	**1.14 J**	< 4	< 4	< 4	**1.1 J**	< 4	< 4	< 4	< 4
Chloroethane	2024-02	ug/L								< 4					
Chloroethane	2024-04	ug/L	< 4	< 4	< 4	< 4	**1.35 J+**					< 4	< 4		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Chloroethane	2024-05	ug/L				< 4						< 4			
Chloroethane	2024-09	ug/L													
Chloroethane	2024-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**4.23**	< 4	< 4
Chloroethane	2025-04	ug/L	< 4	< 4		< 4						< 4	**3.5 J**		< 4
Chloroethane	2025-10	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**2.36 J**	< 4	< 4
Chloroform	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Chloroform	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Chloroform	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Chloroform	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Chloroform	2008-10	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Chloroform	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Chloroform	2009-07	ug/L							< 1.00			< 1.00			
Chloroform	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Chloroform	2009-12	ug/L							< 1.00			< 1.00			
Chloroform	2010-02	ug/L										< 1.00			
Chloroform	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Chloroform	2010-06	ug/L										< 1.00			< 1.00
Chloroform	2010-08	ug/L													< 1.00
Chloroform	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	2010-12	ug/L													< 1.00
Chloroform	2011-02	ug/L													< 1.00
Chloroform	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	2011-06	ug/L											< 1.00		< 1.00
Chloroform	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	2011-12	ug/L	< 1.00												< 1.00
Chloroform	2012-02	ug/L	< 1.00												
Chloroform	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	2012-06	ug/L	< 1.00												
Chloroform	2012-08	ug/L	< 1.00												
Chloroform	2012-10	ug/L	< 1.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 1.00
Chloroform	2013-01	ug/L													
Chloroform	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	2013-06	ug/L													
Chloroform	2013-08	ug/L													
Chloroform	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	2013-12	ug/L													
Chloroform	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroform	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2016-01	ug/L													
Chloroform	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2016-07	ug/L		< 1											
Chloroform	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2016-12	ug/L		< 1											
Chloroform	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2017-11	ug/L													
Chloroform	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2018-06	ug/L													
Chloroform	2018-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2018-11	ug/L													
Chloroform	2019-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	~~< 3~~

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Chloroethane	2024-05	ug/L													
Chloroethane	2024-09	ug/L		< 4	< 4	< 4							< 4		
Chloroethane	2024-10	ug/L	< 4				**1.82 J**	< 4	< 4	< 4	**2.91 J**	**1 J**		< 4	< 4
Chloroethane	2025-04	ug/L	< 4	< 4	< 4	< 4	**1.29 J**					< 4	< 4		
Chloroethane	2025-10	ug/L	< 4	< 4	< 4	< 4	**0.908 J**	< 4	< 4	< 4	**1 J**	< 4	< 4	< 4	< 4
Chloroform	2007-10	ug/L													
Chloroform	2008-01	ug/L													
Chloroform	2008-04	ug/L													
Chloroform	2008-07	ug/L													
Chloroform	2008-10	ug/L													
Chloroform	2009-04	ug/L													
Chloroform	2009-07	ug/L													
Chloroform	2009-10	ug/L													
Chloroform	2009-12	ug/L													
Chloroform	2010-02	ug/L													
Chloroform	2010-04	ug/L													
Chloroform	2010-06	ug/L													
Chloroform	2010-08	ug/L													
Chloroform	2010-10	ug/L													
Chloroform	2010-12	ug/L													
Chloroform	2011-02	ug/L													
Chloroform	2011-04	ug/L													
Chloroform	2011-06	ug/L													
Chloroform	2011-10	ug/L													
Chloroform	2011-12	ug/L													
Chloroform	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chloroform	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chloroform	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chloroform	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chloroform	2012-10	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 1.00	< 1.00		
Chloroform	2013-01	ug/L		< 1.00	< 1.00										
Chloroform	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chloroform	2013-06	ug/L		< 1.00	< 1.00										
Chloroform	2013-08	ug/L		< 1.00	< 1.00										
Chloroform	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chloroform	2013-12	ug/L		< 1.00	< 1.00										
Chloroform	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	**0.562 J**	< 1.00	< 1.00		
Chloroform	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Chloroform	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
Chloroform	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2016-01	ug/L									< 1	< 1		< 1	< 1
Chloroform	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2016-07	ug/L												< 1	< 1
Chloroform	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2016-12	ug/L													
Chloroform	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2017-11	ug/L						< 1							
Chloroform	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	2018-06	ug/L						< 3			< 3				
Chloroform	2018-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2018-11	ug/L							< 3						
Chloroform	2019-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	~~< 3~~	< 3	< 3

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Chloroform	2019-05	ug/L		< 3											
Chloroform	2019-07	ug/L													
Chloroform	2019-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2020-04	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2020-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2021-05	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2021-10	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2022-04	ug/L		< 3		< 3						< 3	< 3		< 3
Chloroform	2022-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2023-05	ug/L	< 3	< 3		< 3				< 3		< 3	< 3		< 3
Chloroform	2023-08	ug/L								< 3					
Chloroform	2023-11	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2024-02	ug/L								< 3					
Chloroform	2024-04	ug/L		< 3									< 3		< 3
Chloroform	2024-05	ug/L				< 3						< 3			
Chloroform	2024-09	ug/L													
Chloroform	2024-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2025-04	ug/L	< 3	< 3		< 3						< 3	< 3		< 3
Chloroform	2025-10	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2007-10	ug/L			< 3	< 3	< 3	< 15	< 3	< 3	< 3	< 3	< 3	< 3	
Chloromethane	2008-01	ug/L			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Chloromethane	2008-04	ug/L			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Chloromethane	2008-07	ug/L			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Chloromethane	2008-10	ug/L			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Chloromethane	2009-04	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	
Chloromethane	2009-07	ug/L							< 3.00			< 3.00			
Chloromethane	2009-10	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	
Chloromethane	2009-12	ug/L							< 3.00			< 3.00			
Chloromethane	2010-02	ug/L										< 3.00			
Chloromethane	2010-04	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	
Chloromethane	2010-06	ug/L										< 3.00			< 3.00
Chloromethane	2010-08	ug/L													< 3.00
Chloromethane	2010-10	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Chloromethane	2010-12	ug/L													< 3.00
Chloromethane	2011-02	ug/L													< 3.00
Chloromethane	2011-04	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Chloromethane	2011-06	ug/L											< 3.00		< 3.00
Chloromethane	2011-10	ug/L			< 3.00	< 3.00 J	< 3.00	< 3.00 J	< 3.00 J	< 3.00	< 3.00	< 3.00 J	< 3.00 J	< 3.00	< 3.00
Chloromethane	2011-12	ug/L	< 3.00												< 3.00
Chloromethane	2012-02	ug/L	< 3.00												
Chloromethane	2012-04	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	**0.340 J**	< 3.00	< 3.00
Chloromethane	2012-06	ug/L	< 3.00												
Chloromethane	2012-08	ug/L	**0.310 J**												
Chloromethane	2012-10	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Chloromethane	2013-01	ug/L													
Chloromethane	2013-04	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Chloromethane	2013-06	ug/L													
Chloromethane	2013-08	ug/L													
Chloromethane	2013-10	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Chloromethane	2013-12	ug/L													
Chloromethane	2014-03	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Chloromethane	2014-09	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Chloromethane	2015-05	ug/L	< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Chloroform	2019-05	ug/L													
Chloroform	2019-07	ug/L										< 3			
Chloroform	2019-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2020-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2020-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2021-05	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2021-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2022-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Chloroform	2022-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2023-05	ug/L	< 3	< 3	< 3	< 3	< 3			< 3		< 3	< 3		
Chloroform	2023-08	ug/L								< 3					
Chloroform	2023-11	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2024-02	ug/L								< 3					
Chloroform	2024-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Chloroform	2024-05	ug/L													
Chloroform	2024-09	ug/L		< 3	< 3	< 3							< 3		
Chloroform	2024-10	ug/L	< 3				< 3	< 3	< 3	< 3	< 3	< 3		< 3	< 3
Chloroform	2025-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Chloroform	2025-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2007-10	ug/L													
Chloromethane	2008-01	ug/L													
Chloromethane	2008-04	ug/L													
Chloromethane	2008-07	ug/L													
Chloromethane	2008-10	ug/L													
Chloromethane	2009-04	ug/L													
Chloromethane	2009-07	ug/L													
Chloromethane	2009-10	ug/L													
Chloromethane	2009-12	ug/L													
Chloromethane	2010-02	ug/L													
Chloromethane	2010-04	ug/L													
Chloromethane	2010-06	ug/L													
Chloromethane	2010-08	ug/L													
Chloromethane	2010-10	ug/L													
Chloromethane	2010-12	ug/L													
Chloromethane	2011-02	ug/L													
Chloromethane	2011-04	ug/L													
Chloromethane	2011-06	ug/L													
Chloromethane	2011-10	ug/L													
Chloromethane	2011-12	ug/L													
Chloromethane	2012-02	ug/L					< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Chloromethane	2012-04	ug/L					< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Chloromethane	2012-06	ug/L					< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Chloromethane	2012-08	ug/L					< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	**0.330 J**		
Chloromethane	2012-10	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Chloromethane	2013-01	ug/L		< 3.00	< 3.00										
Chloromethane	2013-04	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Chloromethane	2013-06	ug/L		< 3.00	< 3.00										
Chloromethane	2013-08	ug/L		< 3.00	< 3.00										
Chloromethane	2013-10	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Chloromethane	2013-12	ug/L		< 3.00	< 3.00										
Chloromethane	2014-03	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Chloromethane	2014-09	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Chloromethane	2015-05	ug/L		< 3	< 3		< 3		< 3	< 3	< 3	< 3	< 3		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Chloromethane	2015-10	ug/L	< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2016-01	ug/L													
Chloromethane	2016-04	ug/L	< 3	< 3	**0.359 J**	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	**0.472 J**	< 3
Chloromethane	2016-07	ug/L		< 3											
Chloromethane	2016-09	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2016-12	ug/L		< 3											
Chloromethane	2017-03	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2017-08	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2017-11	ug/L													
Chloromethane	2018-03	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2018-06	ug/L													
Chloromethane	2018-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2018-11	ug/L													
Chloromethane	2019-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	~~< 3~~
Chloromethane	2019-05	ug/L		< 3											
Chloromethane	2019-07	ug/L													
Chloromethane	2019-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2020-04	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2020-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2021-05	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2021-10	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2022-04	ug/L		< 3		< 3						< 3	< 3		< 3
Chloromethane	2022-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2023-05	ug/L	< 3	< 3		< 3				< 3		< 3	< 3		< 3
Chloromethane	2023-08	ug/L								< 3					
Chloromethane	2023-11	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2024-02	ug/L								< 3					
Chloromethane	2024-04	ug/L		< 3									< 3		< 3
Chloromethane	2024-05	ug/L				< 3						< 3			
Chloromethane	2024-09	ug/L													
Chloromethane	2024-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2025-04	ug/L	< 3	< 3		< 3						< 3	< 3		< 3
Chloromethane	2025-10	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroprene	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00			< 1.00				
Chloroprene	2009-07	ug/L							< 1.00						
Chloroprene	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
Chloroprene	2011-06	ug/L											< 1.00		
Chloroprene	2012-04	ug/L											< 1.00		
Chloroprene	2012-06	ug/L													
Chloroprene	2013-10	ug/L													
Chloroprene	2014-03	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
Chloroprene	2015-10	ug/L													
Chloroprene	2016-01	ug/L													
Chloroprene	2016-04	ug/L													< 1
Chloroprene	2017-03	ug/L											< 1		
Chloroprene	2018-03	ug/L													
Chloroprene	2018-06	ug/L													
Chloroprene	2018-09	ug/L													
Chloroprene	2018-11	ug/L													
Chloroprene	2019-04	ug/L			< 1	< 1			< 1						
Chloroprene	2019-07	ug/L													
Chloroprene	2021-05	ug/L													< 1
Chloroprene	2022-04	ug/L											< 1		

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Chloromethane	2015-10	ug/L		< 3	< 3		< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2016-01	ug/L									< 3	< 3		< 3	< 3
Chloromethane	2016-04	ug/L		< 3	< 3		< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2016-07	ug/L												< 3	< 3
Chloromethane	2016-09	ug/L	< 3	< 3	< 3	< 3	< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2016-12	ug/L													
Chloromethane	2017-03	ug/L	< 3	< 3	< 3	< 3	< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2017-08	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	**0.326 J**	< 3	< 3	< 3
Chloromethane	2017-11	ug/L						< 3							
Chloromethane	2018-03	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2018-06	ug/L						< 3			< 3				
Chloromethane	2018-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2018-11	ug/L							< 3						
Chloromethane	2019-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	~~< 3~~	< 3	< 3
Chloromethane	2019-05	ug/L													
Chloromethane	2019-07	ug/L										< 3			
Chloromethane	2019-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2020-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2020-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2021-05	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2021-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2022-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Chloromethane	2022-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2023-05	ug/L	< 3	< 3	< 3	< 3	< 3			< 3		< 3	< 3		
Chloromethane	2023-08	ug/L								< 3					
Chloromethane	2023-11	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2024-02	ug/L								< 3					
Chloromethane	2024-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Chloromethane	2024-05	ug/L													
Chloromethane	2024-09	ug/L		< 3	< 3	< 3							< 3		
Chloromethane	2024-10	ug/L	< 3				< 3	< 3	< 3	< 3	< 3	< 3		< 3	< 3
Chloromethane	2025-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Chloromethane	2025-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroprene	2009-04	ug/L													
Chloroprene	2009-07	ug/L													
Chloroprene	2010-04	ug/L													
Chloroprene	2011-06	ug/L													
Chloroprene	2012-04	ug/L													
Chloroprene	2012-06	ug/L					< 1.00		< 1.00						
Chloroprene	2013-10	ug/L					< 1.00		< 1.00						
Chloroprene	2014-03	ug/L													
Chloroprene	2015-10	ug/L									< 1				
Chloroprene	2016-01	ug/L									< 1	< 1			
Chloroprene	2016-04	ug/L		< 1	< 1						< 1	< 1	< 1		
Chloroprene	2017-03	ug/L	< 1			< 1									
Chloroprene	2018-03	ug/L									< 1				
Chloroprene	2018-06	ug/L									< 1				
Chloroprene	2018-09	ug/L					< 1		< 1						
Chloroprene	2018-11	ug/L							< 1						
Chloroprene	2019-04	ug/L										< 1			
Chloroprene	2019-07	ug/L										< 1			
Chloroprene	2021-05	ug/L	< 1	< 1	< 1	< 1							< 1		
Chloroprene	2022-04	ug/L													

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Chloroprene	2023-05	ug/L								< 1					
Chloroprene	2023-08	ug/L								< 1					
Chloroprene	2023-11	ug/L								< 1					
Chloroprene	2024-02	ug/L								< 1					
Chloroprene	2024-04	ug/L													< 1
Chloroprene	2024-05	ug/L				< 1									
Chloroprene	2024-10	ug/L			< 1				< 1						
Chromium	2007-10	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.0554**	< 0.02	< 0.02	
Chromium	2008-01	mg/L			< 0.02	< 0.02	< 0.02	**0.068**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Chromium	2008-04	mg/L			< 0.02	< 0.02	**0.0586**	< 0.02	**0.0272**	< 0.02	< 0.02	**0.0336**	< 0.02	**0.0413**	
Chromium	2008-07	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Chromium	2008-10	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Chromium	2009-04	mg/L			< 0.0200	< 0.0200	**0.0265**	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.0513**	< 0.0200	< 0.0200	
Chromium	2009-07	mg/L							< 0.0200			< 0.0200			
Chromium	2009-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Chromium	2009-12	mg/L							< 0.0200			< 0.0200			
Chromium	2010-02	mg/L										< 0.0200			
Chromium	2010-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Chromium	2010-06	mg/L										< 0.0200			< 0.0200
Chromium	2010-08	mg/L													< 0.0200
Chromium	2010-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.201**
Chromium	2010-12	mg/L													< 0.0200
Chromium	2011-02	mg/L													< 0.0200
Chromium	2011-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Chromium	2011-06	mg/L											< 0.0200		**0.0245**
Chromium	2011-10	mg/L			**0.0200**	< 0.0200	< 0.0200	**0.00548 J**	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.00325 J**	< 0.0200
Chromium	2011-12	mg/L	< 0.0200												**0.0132 J**
Chromium	2012-02	mg/L	**0.00102**												
Chromium	2012-04	mg/L	**0.00210 J**		< 0.0250	**0.00625 J**	**0.00415 J**	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250
Chromium	2012-06	mg/L													
Chromium	2012-08	mg/L	**0.000510 J**												
Chromium	2012-10	mg/L	**0.000490 J**		< 0.0500	< 0.1	< 0.0500	< 0.1	< 0.0500	< 0.00500	< 0.0500	< 0.0500	< 0.00500	< 0.0500	< 0.00500
Chromium	2013-01	mg/L													
Chromium	2013-04	mg/L	**0.000438 J**		**0.00103 J**	< 0.00500	< 0.00500	**0.000920 J**	**0.000455 J**	**0.000576 J**	**0.000468 J**	**0.000632 J**	**0.00202 J**	**0.000752 J**	< 0.00500
Chromium	2013-06	mg/L													
Chromium	2013-08	mg/L													
Chromium	2013-10	mg/L	< 0.00200		**0.000939 J**	**0.00105 J**	**0.00612**	**0.00354**	**0.000719 J**	< 0.00200	**0.000735 J**	**0.00153 J**	< 0.00200	**0.00226**	**0.00159 J**
Chromium	2013-12	mg/L													
Chromium	2014-03	mg/L	**0.00780**		< 0.00200	**0.000650 J**	**0.00442**	**0.00195 J**	**0.00507**	< 0.00200	< 0.00200	**0.000509 J**	< 0.00200	**0.00165 J**	**0.0184**
Chromium	2014-09	mg/L	< 0.00500		< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Chromium	2015-05	mg/L	< 0.005		**0.00131 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chromium	2015-10	mg/L	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chromium	2016-01	mg/L													
Chromium	2016-04	mg/L	< 0.005	**0.000404 J**	**0.000446 J**	< 0.005	< 0.005	**0.000605 J**	**0.000382 J**	< 0.005	< 0.005	**0.000467 J**	< 0.005	< 0.005	< 0.005
Chromium	2016-07	mg/L		< 0.005											
Chromium	2016-09	mg/L		< 0.005	**0.000788 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.000499 J**	< 0.005	< 0.005	< 0.005
Chromium	2016-12	mg/L		< 0.005											
Chromium	2017-03	mg/L		< 0.005	**0.00103 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2017-08	mg/L	< 0.005	< 0.005	**0.00119 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2018-03	mg/L	< 0.005	< 0.005	< 0.005	**0.00124 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2018-06	mg/L													
Chromium	2018-09	mg/L	< 0.005	< 0.005	**0.00129 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2018-11	mg/L													

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Chloroprene	2023-05	ug/L								< 1					
Chloroprene	2023-08	ug/L								< 1					
Chloroprene	2023-11	ug/L							< 1	< 1	< 1				
Chloroprene	2024-02	ug/L								< 1					
Chloroprene	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1						< 1		
Chloroprene	2024-05	ug/L													
Chloroprene	2024-10	ug/L													
Chromium	2007-10	mg/L													
Chromium	2008-01	mg/L													
Chromium	2008-04	mg/L													
Chromium	2008-07	mg/L													
Chromium	2008-10	mg/L													
Chromium	2009-04	mg/L													
Chromium	2009-07	mg/L													
Chromium	2009-10	mg/L													
Chromium	2009-12	mg/L													
Chromium	2010-02	mg/L													
Chromium	2010-04	mg/L													
Chromium	2010-06	mg/L													
Chromium	2010-08	mg/L													
Chromium	2010-10	mg/L													
Chromium	2010-12	mg/L													
Chromium	2011-02	mg/L													
Chromium	2011-04	mg/L													
Chromium	2011-06	mg/L													
Chromium	2011-10	mg/L													
Chromium	2011-12	mg/L													
Chromium	2012-02	mg/L					**0.00105**		**0.00177**	**0.00151**	**0.00111**	**0.00306**	**0.00209**		
Chromium	2012-04	mg/L					< 0.0250		< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250		
Chromium	2012-06	mg/L					**0.00192 J**		**0.00225 J**	< 0.00500	**0.00279 J**	**0.000830 J**	< 0.00500		
Chromium	2012-08	mg/L					< 0.00500		**0.00212 J**	**0.00147 J**	**0.00134 J**	**0.00394 J**	**0.00136 J**		
Chromium	2012-10	mg/L		~~< 0.0500~~	~~< 0.1~~		< 0.0500		**0.00264 J**	**0.000510 J**	< 0.00500	**0.000700 J**	**0.000830 J**		
Chromium	2013-01	mg/L		< 0.0200	< 0.0200										
Chromium	2013-04	mg/L		**0.00154 J**	< 0.00500		< 0.00500		**0.000657 J**	**0.000584 J**	**0.00258 J**	**0.00525**	**0.000864 J**		
Chromium	2013-06	mg/L		**0.00309 J**	**0.00525 J**										
Chromium	2013-08	mg/L		**0.00117 J**	< 0.00500										
Chromium	2013-10	mg/L		**0.00246**	**0.00279**		**0.000554 J**		**0.0112**	**0.000531 J**	**0.000539 J**	< 0.00200	< 0.00200		
Chromium	2013-12	mg/L		**0.00235**	**0.00194 J**										
Chromium	2014-03	mg/L		**0.00101 J**	**0.000602 J**		**0.00103 J**		**0.000545 J**	< 0.00200	< 0.00200	< 0.00200	**0.000868 J**		
Chromium	2014-09	mg/L		< 0.00500	< 0.00500		**0.00126 J**		< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500		
Chromium	2015-05	mg/L		< 0.005	< 0.005		< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2015-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2016-01	mg/L									< 0.005	< 0.005			
Chromium	2016-04	mg/L	< 0.005	**0.000657 J**	< 0.005	**0.00036 J**	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	**0.000961 J**		
Chromium	2016-07	mg/L													
Chromium	2016-09	mg/L	< 0.005	**0.000508 J**	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2016-12	mg/L													
Chromium	2017-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2017-08	mg/L	**0.00114 J**	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2018-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2018-06	mg/L									< 0.005 J				
Chromium	2018-09	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2018-11	mg/L							< 0.005						

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Chromium	2019-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		~~< 0.005~~
Chromium	2019-07	mg/L													
Chromium	2019-10	mg/L	**0.00115 J**	**0.00127 J**	< 0.005	**0.001 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2020-04	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2020-10	mg/L	< 0.005	< 0.005	< 0.005	**0.00209 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2021-05	mg/L	< 0.005	< 0.005	< 0.005	**0.00114 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chromium	2021-10	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2022-04	mg/L		< 0.005		< 0.005						< 0.005	< 0.005		< 0.005
Chromium	2022-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2023-05	mg/L	< 0.005	< 0.005		< 0.005				< 0.005		< 0.005	< 0.005		< 0.005
Chromium	2023-08	mg/L								< 0.005					
Chromium	2023-11	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2024-02	mg/L								< 0.005					
Chromium	2024-04	mg/L		< 0.005									< 0.005		< 0.005
Chromium	2024-05	mg/L				< 0.005						< 0.005			
Chromium	2024-09	mg/L													
Chromium	2024-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Chromium	2025-04	mg/L	< 0.005	< 0.005		< 0.005						< 0.005	< 0.005		< 0.005
Chromium	2025-10	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00609**	< 0.005	< 0.005	< 0.005		< 0.005
Chrysene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Chrysene	2009-07	ug/L							< 10.0						
Chrysene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Chrysene	2011-06	ug/L											< 10.0		
Chrysene	2012-04	ug/L											< 10.0		
Chrysene	2012-06	ug/L													
Chrysene	2013-10	ug/L													
Chrysene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Chrysene	2015-10	ug/L													
Chrysene	2016-01	ug/L													
Chrysene	2016-04	ug/L													< 10.3
Chrysene	2017-03	ug/L											< 10.1		
Chrysene	2018-03	ug/L													
Chrysene	2018-06	ug/L													
Chrysene	2018-09	ug/L													
Chrysene	2018-11	ug/L													
Chrysene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Chrysene	2019-07	ug/L													
Chrysene	2021-05	ug/L													< 10.9
Chrysene	2022-04	ug/L											< 10		
Chrysene	2023-05	ug/L								< 10.4					
Chrysene	2023-08	ug/L								< 12.8					
Chrysene	2023-11	ug/L								< 10.2					
Chrysene	2024-02	ug/L								< 9.26					
Chrysene	2024-04	ug/L													< 10
Chrysene	2024-05	ug/L				< 10									
Chrysene	2024-10	ug/L			< 10.4				< 10.4						
cis-1,2-Dichloroethene	2007-10	ug/L			**18.6**	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
cis-1,2-Dichloroethene	2008-01	ug/L			**43.2**	< 1	**1.47**	**1.04**	**1**	< 1	**1.97**	< 1	< 1	< 1	
cis-1,2-Dichloroethene	2008-04	ug/L			**27**	< 1	**1.01**	< 1	< 1	< 1	**2.27**	< 1	< 1	< 1	
cis-1,2-Dichloroethene	2008-07	ug/L			**8.91**	< 1	**2.19**	**1.12**	< 1	< 1	< 1	< 1	< 1	< 1	
cis-1,2-Dichloroethene	2008-10	ug/L			**27.8**	< 1	**1.72**	< 1	< 1	< 1	**1.28**	< 1	< 1	< 1	
cis-1,2-Dichloroethene	2009-04	ug/L			**8.83**	< 1.00	**0.530 J**	< 1.00	< 1.00	< 1.00	**0.810 J**	< 1.00	< 1.00	< 1.00	
cis-1,2-Dichloroethene	2009-07	ug/L							< 1.00			< 1.00			

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Chromium	2019-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	~~< 0.005~~		
Chromium	2019-07	mg/L										< 0.005			
Chromium	2019-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2020-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2020-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2021-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2021-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2022-04	mg/L	< 0.02	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005		
Chromium	2022-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	**0.00143 J**	< 0.005	< 0.005	< 0.005		
Chromium	2023-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			**0.00144 J**		< 0.005	< 0.005		
Chromium	2023-08	mg/L								< 0.005					
Chromium	2023-11	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chromium	2024-02	mg/L								< 0.005					
Chromium	2024-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005		
Chromium	2024-05	mg/L													
Chromium	2024-09	mg/L		< 0.005	< 0.005	< 0.005							< 0.005		
Chromium	2024-10	mg/L	< 0.005				< 0.005		< 0.005	< 0.005	< 0.005	< 0.005			
Chromium	2025-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005		
Chromium	2025-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	**0.00228 J**		
Chrysene	2009-04	ug/L													
Chrysene	2009-07	ug/L													
Chrysene	2010-04	ug/L													
Chrysene	2011-06	ug/L													
Chrysene	2012-04	ug/L													
Chrysene	2012-06	ug/L					< 10.0		< 10.0						
Chrysene	2013-10	ug/L					< 10.3		< 10.3						
Chrysene	2014-03	ug/L													
Chrysene	2015-10	ug/L									< 10				
Chrysene	2016-01	ug/L									< 10.2	< 10			
Chrysene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Chrysene	2017-03	ug/L	< 10.4			< 10.4									
Chrysene	2018-03	ug/L									< 10				
Chrysene	2018-06	ug/L									< 10.8				
Chrysene	2018-09	ug/L					< 10.9		< 54.3						
Chrysene	2018-11	ug/L							< 10.9						
Chrysene	2019-04	ug/L										< 11.1			
Chrysene	2019-07	ug/L										< 10.8			
Chrysene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Chrysene	2022-04	ug/L													
Chrysene	2023-05	ug/L								< 11.4					
Chrysene	2023-08	ug/L								< 11.6					
Chrysene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Chrysene	2024-02	ug/L								< 10					
Chrysene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Chrysene	2024-05	ug/L													
Chrysene	2024-10	ug/L													
cis-1,2-Dichloroethene	2007-10	ug/L													
cis-1,2-Dichloroethene	2008-01	ug/L													
cis-1,2-Dichloroethene	2008-04	ug/L													
cis-1,2-Dichloroethene	2008-07	ug/L													
cis-1,2-Dichloroethene	2008-10	ug/L													
cis-1,2-Dichloroethene	2009-04	ug/L													
cis-1,2-Dichloroethene	2009-07	ug/L													

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cis-1,2-Dichloroethene	2009-10	ug/L			**16.7**	< 1.00	**1.67**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
cis-1,2-Dichloroethene	2009-12	ug/L							< 1.00			< 1.00			
cis-1,2-Dichloroethene	2010-02	ug/L										< 1.00			
cis-1,2-Dichloroethene	2010-04	ug/L			**16.0**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
cis-1,2-Dichloroethene	2010-06	ug/L										< 1.00			< 1.00
cis-1,2-Dichloroethene	2010-08	ug/L													< 1.00
cis-1,2-Dichloroethene	2010-10	ug/L			**20.6**	< 1.00	**1.15**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
cis-1,2-Dichloroethene	2010-12	ug/L													< 1.00
cis-1,2-Dichloroethene	2011-02	ug/L													< 1.00
cis-1,2-Dichloroethene	2011-04	ug/L			**5.97**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
cis-1,2-Dichloroethene	2011-06	ug/L											**1.01**		< 1.00
cis-1,2-Dichloroethene	2011-10	ug/L			**8.73**	< 1.00 J	**0.680 J**	**0.640 J**	< 1.00 J	< 1.00	**0.230 J**	< 1.00	**2.64**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2011-12	ug/L	< 1.00												< 1.00
cis-1,2-Dichloroethene	2012-02	ug/L	< 1.00												
cis-1,2-Dichloroethene	2012-04	ug/L	< 1.00		**2.33**	< 1.00	< 1.00	< 1.00	**0.750 J**	< 1.00	**0.480 J**	< 1.00	**2.81**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2012-06	ug/L	< 1.00 J												
cis-1,2-Dichloroethene	2012-08	ug/L	< 1.00 J												
cis-1,2-Dichloroethene	2012-10	ug/L	**0.140 J**		**3.22**	**0.350 J**	**0.610 J**	**0.680 J**	**0.680 J**	< 1.00	**0.390 J**	< 1.00	**4.78**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2013-01	ug/L													
cis-1,2-Dichloroethene	2013-04	ug/L	< 1.00		**11.6**	< 1.00	**0.388 J**	< 1.00	**0.415 J**	< 1.00	**0.738 J**	< 1.00	**2.69**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2013-06	ug/L													
cis-1,2-Dichloroethene	2013-08	ug/L													
cis-1,2-Dichloroethene	2013-10	ug/L	**0.490 J**		**0.680 J**	< 1.00	**0.237 J**	< 1.00	**0.840 J**	< 1.00	< 1.00	< 1.00	**5.79**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2013-12	ug/L													
cis-1,2-Dichloroethene	2014-03	ug/L	< 1.00		**5.66**	< 1.00	< 1.00	< 1.00	**0.467 J**	< 1.00	< 1.00	< 1.00	**2.11**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2014-09	ug/L	**0.813 J**		**0.591 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**3.38**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2015-05	ug/L	**1.31**		**1.3**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**7.9**	< 1	< 1
cis-1,2-Dichloroethene	2015-10	ug/L	**2.12**		< 1	< 1	< 1	< 1	**0.734 J**	< 1	< 1	< 1	**7.32**	< 1	< 1
cis-1,2-Dichloroethene	2016-01	ug/L													
cis-1,2-Dichloroethene	2016-04	ug/L	**2.83**	**0.275 J**	**1.2**	< 1	< 1	< 1	**0.638 J**	< 1	< 1	< 1	**11.3**	< 1	< 1
cis-1,2-Dichloroethene	2016-07	ug/L		**0.271 J**											
cis-1,2-Dichloroethene	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	**0.822 J**	< 1	< 1	< 1	**2.4**	< 1	< 1
cis-1,2-Dichloroethene	2016-12	ug/L		**0.322 J**											
cis-1,2-Dichloroethene	2017-03	ug/L		**1.14**	**5.32**	< 1	< 1	< 1	**0.573 J**	< 1	< 1	< 1	**7.48**	< 1	< 1
cis-1,2-Dichloroethene	2017-06	ug/L		**0.97 J**											
cis-1,2-Dichloroethene	2017-08	ug/L	**2**	**0.614 J**	**2.85**	**0.67 J**	< 1	< 1	**0.735 J**	< 1	**0.139 J**	< 1	**5.81**	< 1	< 1
cis-1,2-Dichloroethene	2017-11	ug/L													
cis-1,2-Dichloroethene	2018-03	ug/L	**2.71**	**0.362 J**	**3.17**	**0.641 J**	< 1	< 1	**0.766 J**	< 1	**0.166 J**	< 1	**1.03**	< 1	< 1
cis-1,2-Dichloroethene	2018-06	ug/L													
cis-1,2-Dichloroethene	2018-09	ug/L	**2.44**	**1.41**	**0.318 J**	< 1	< 1	< 1	**0.614 J**	< 1	**0.436 J**	< 1	**3.04**	< 1	< 1
cis-1,2-Dichloroethene	2018-11	ug/L		**1.36**											
cis-1,2-Dichloroethene	2019-04	ug/L	**2.16**	**1.24**	**4.77**	< 1	< 1	< 1	**0.587 J**	< 1	< 1	< 1	**1.13**	< 1	~~< 1~~
cis-1,2-Dichloroethene	2019-05	ug/L		< 1											
cis-1,2-Dichloroethene	2019-07	ug/L													
cis-1,2-Dichloroethene	2019-10	ug/L	**1.47**	< 1	**4.21**	**0.423 J**	< 1	< 1	**0.824 J**	< 1	< 1	< 1	**1.89**	< 1	< 1
cis-1,2-Dichloroethene	2020-04	ug/L		**0.475 J**	**1.09**	**0.255 J**	< 1	< 1	**0.531 J**	< 1	< 1	< 1	**1.75**	< 1	< 1
cis-1,2-Dichloroethene	2020-10	ug/L	**1.41**	**0.433 J**	**1.04**	**0.307 J**	< 1	< 1	**0.74 J**	< 1	< 1	< 1	**2.04**	< 1	< 1
cis-1,2-Dichloroethene	2021-05	ug/L	**1.35**	**0.259 J**	**0.264 J**	< 1	< 1	< 1	**0.482 J**	< 1	< 1	< 1	**2.41**	< 1	< 1
cis-1,2-Dichloroethene	2021-10	ug/L		**0.357 J**	**1.22**	< 1	< 1	< 1	**0.471 J**	< 1	< 1	< 1	**1.98**	< 1	< 1
cis-1,2-Dichloroethene	2022-04	ug/L		< 1		< 1						< 1	**0.722 J**		< 1
cis-1,2-Dichloroethene	2022-10	ug/L	**1.02**	**0.454 J**	**0.31 J**	< 1	< 1	< 1	**0.541 J**	< 1	< 1	< 1	**1.49**	< 1	< 1
cis-1,2-Dichloroethene	2023-05	ug/L	**0.719 J**	< 1		< 1				< 1		< 1	**2.06**		< 1
cis-1,2-Dichloroethene	2023-08	ug/L								< 1					

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
cis-1,2-Dichloroethene	2009-10	ug/L													
cis-1,2-Dichloroethene	2009-12	ug/L													
cis-1,2-Dichloroethene	2010-02	ug/L													
cis-1,2-Dichloroethene	2010-04	ug/L													
cis-1,2-Dichloroethene	2010-06	ug/L													
cis-1,2-Dichloroethene	2010-08	ug/L													
cis-1,2-Dichloroethene	2010-10	ug/L													
cis-1,2-Dichloroethene	2010-12	ug/L													
cis-1,2-Dichloroethene	2011-02	ug/L													
cis-1,2-Dichloroethene	2011-04	ug/L													
cis-1,2-Dichloroethene	2011-06	ug/L													
cis-1,2-Dichloroethene	2011-10	ug/L													
cis-1,2-Dichloroethene	2011-12	ug/L													
cis-1,2-Dichloroethene	2012-02	ug/L					**49.3**		< 1.00	**0.210 J**	< 1.00	< 1.00	< 1.00		
cis-1,2-Dichloroethene	2012-04	ug/L					**70.6**		**0.150 J**	**0.260 J**	< 1.00	< 1.00	< 1.00		
cis-1,2-Dichloroethene	2012-06	ug/L					**52.4**		< 1.00 J	< 1.00 J	< 1.00 J	< 1.00 J	< 1.00		
cis-1,2-Dichloroethene	2012-08	ug/L					**38.7**		< 1.00	**0.130 J**	< 1.00	< 1.00	< 1.00		
cis-1,2-Dichloroethene	2012-10	ug/L		< 1.00	< 1.00		**40.9**		**0.180 J**	**0.190 J**	< 1.00	< 1.00	< 1.00		
cis-1,2-Dichloroethene	2013-01	ug/L		< 1.00	< 1.00										
cis-1,2-Dichloroethene	2013-04	ug/L		< 1.00	< 1.00		**57.8**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
cis-1,2-Dichloroethene	2013-06	ug/L		< 1.00	< 1.00										
cis-1,2-Dichloroethene	2013-08	ug/L		< 1.00	< 1.00										
cis-1,2-Dichloroethene	2013-10	ug/L		< 1.00	< 1.00		**59.5**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
cis-1,2-Dichloroethene	2013-12	ug/L		< 1.00	< 1.00										
cis-1,2-Dichloroethene	2014-03	ug/L		< 1.00	< 1.00		**53.9**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
cis-1,2-Dichloroethene	2014-09	ug/L		< 1.00	< 1.00		**50.5**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
cis-1,2-Dichloroethene	2015-05	ug/L		< 1	< 1		**52.9**		< 1	< 1	< 1	< 1	< 1		
cis-1,2-Dichloroethene	2015-10	ug/L		< 1	< 1		**51.4**		< 1	**0.318 J**	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	2016-01	ug/L									< 1	< 1		**0.353 J**	< 1
cis-1,2-Dichloroethene	2016-04	ug/L		< 1	< 1		**48.2**		< 1	< 1 J	< 1	< 1	< 1	**1.67**	< 1
cis-1,2-Dichloroethene	2016-07	ug/L												**0.817 J**	< 1
cis-1,2-Dichloroethene	2016-09	ug/L	< 1	< 1	< 1	< 1	**49.1**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	2016-12	ug/L													
cis-1,2-Dichloroethene	2017-03	ug/L	< 1	< 1	< 1	< 1	**48.5**		< 1	**0.332 J**	< 1	< 1	< 1	**3.07**	< 1
cis-1,2-Dichloroethene	2017-06	ug/L													
cis-1,2-Dichloroethene	2017-08	ug/L	< 1	< 1	< 1	< 1	**39.7**	**0.735 J**	< 1	**0.293 J**	< 1	< 1	< 1	**1.76**	< 1
cis-1,2-Dichloroethene	2017-11	ug/L						**1.13**							
cis-1,2-Dichloroethene	2018-03	ug/L	< 1	< 1	< 1	< 1	**44.5**	**0.932 J**	**0.185 J**	**0.189 J**	**0.453 J**	< 1	< 1	**1.44**	< 1
cis-1,2-Dichloroethene	2018-06	ug/L						**1.12**			**0.287 J**				
cis-1,2-Dichloroethene	2018-09	ug/L	< 1	< 1	< 1	< 1	**34.7**	**1.36**	< 1	< 1	< 1	< 1	< 1	**1.14**	< 1
cis-1,2-Dichloroethene	2018-11	ug/L							< 1						
cis-1,2-Dichloroethene	2019-04	ug/L	< 1	< 1	< 1	< 1	**38.5**	**0.955 J**	< 1	< 1	< 1	< 1	~~< 1~~	**1.31**	< 1
cis-1,2-Dichloroethene	2019-05	ug/L													
cis-1,2-Dichloroethene	2019-07	ug/L										< 1			
cis-1,2-Dichloroethene	2019-10	ug/L	< 1	< 1	< 1	< 1	**31.9**	**1.39**	< 1	< 1	**0.42 J**	< 1	< 1	**0.231 J**	< 1
cis-1,2-Dichloroethene	2020-04	ug/L	< 1	< 1	< 1	< 1	**31**	**1.23**	< 1	**0.297 J**	< 1	< 1	< 1	**0.223 J**	< 1
cis-1,2-Dichloroethene	2020-10	ug/L	< 1	< 1	< 1	< 1	**27.1**	**1.77**	< 1	< 1	< 1	< 1	< 1	**0.303 J**	< 1
cis-1,2-Dichloroethene	2021-05	ug/L	< 1	< 1	< 1	< 1	**25.3**	**0.636 J**	< 1	< 1	**0.285 J**	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	2021-10	ug/L	< 1	< 1	< 1	< 1	**18.7**	**0.733 J**	< 1	< 1	**0.432 J**	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	2022-04	ug/L	< 1	< 1	< 1	< 1	**20.3**					< 1	< 1		
cis-1,2-Dichloroethene	2022-10	ug/L	< 1	< 1	< 1	< 1	**23.1**	**1.48**	< 1	< 1	**0.532 J**	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	2023-05	ug/L	< 1	< 1	< 1	< 1	**22.4**			< 1		< 1	< 1		
cis-1,2-Dichloroethene	2023-08	ug/L								< 1					

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
cis-1,2-Dichloroethene	2023-11	ug/L		**0.462 J**	**0.693 J**	< 1	< 1	< 1	**0.419 J**	< 1	< 1	< 1	**1.77**	< 1	< 1
cis-1,2-Dichloroethene	2024-02	ug/L								< 1					
cis-1,2-Dichloroethene	2024-04	ug/L		**0.218 J**									**1.25**		< 1
cis-1,2-Dichloroethene	2024-05	ug/L				< 1						< 1			
cis-1,2-Dichloroethene	2024-09	ug/L													
cis-1,2-Dichloroethene	2024-10	ug/L	**0.656 J**	< 1	< 1	< 1	< 1	< 1	**0.466 J**	< 1	< 1	< 1	**0.616 J**	< 1	< 1
cis-1,2-Dichloroethene	2025-04	ug/L	< 1	< 1		< 1						< 1	**0.218 J**		< 1
cis-1,2-Dichloroethene	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	**0.913 J**	< 1	< 1	< 1	**0.237 J**	< 1	< 1
cis-1,3-Dichloropropene	2007-10	ug/L			< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	
cis-1,3-Dichloropropene	2008-01	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
cis-1,3-Dichloropropene	2008-04	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
cis-1,3-Dichloropropene	2008-07	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
cis-1,3-Dichloropropene	2008-10	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
cis-1,3-Dichloropropene	2009-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
cis-1,3-Dichloropropene	2009-07	ug/L							< 5.00			< 5.00			
cis-1,3-Dichloropropene	2009-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
cis-1,3-Dichloropropene	2009-12	ug/L							< 5.00			< 5.00			
cis-1,3-Dichloropropene	2010-02	ug/L										< 5.00			
cis-1,3-Dichloropropene	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
cis-1,3-Dichloropropene	2010-06	ug/L										< 5.00			< 5.00
cis-1,3-Dichloropropene	2010-08	ug/L													< 10.0
cis-1,3-Dichloropropene	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
cis-1,3-Dichloropropene	2010-12	ug/L													< 5.00
cis-1,3-Dichloropropene	2011-02	ug/L													< 5.00
cis-1,3-Dichloropropene	2011-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2011-06	ug/L											< 5.00		< 5.00
cis-1,3-Dichloropropene	2011-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2011-12	ug/L	< 5.00												< 5.00
cis-1,3-Dichloropropene	2012-02	ug/L	< 5.00												
cis-1,3-Dichloropropene	2012-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	**0.160 J**	< 5.00	< 5.00
cis-1,3-Dichloropropene	2012-06	ug/L	< 5.00												
cis-1,3-Dichloropropene	2012-08	ug/L	< 5.00												
cis-1,3-Dichloropropene	2012-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2013-01	ug/L													
cis-1,3-Dichloropropene	2013-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2013-06	ug/L													
cis-1,3-Dichloropropene	2013-08	ug/L													
cis-1,3-Dichloropropene	2013-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2013-12	ug/L													
cis-1,3-Dichloropropene	2014-03	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2014-09	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2015-05	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2015-10	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2016-01	ug/L													
cis-1,3-Dichloropropene	2016-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2016-07	ug/L		< 5											
cis-1,3-Dichloropropene	2016-09	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2016-12	ug/L		< 5											
cis-1,3-Dichloropropene	2017-03	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2017-11	ug/L													
cis-1,3-Dichloropropene	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2018-06	ug/L													

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cis-1,2-Dichloroethene	2023-11	ug/L	< 1	< 1	< 1	< 1	**15.7**	**0.526 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	2024-02	ug/L								< 1					
cis-1,2-Dichloroethene	2024-04	ug/L	< 1	< 1	< 1	< 1	**16.8**					< 1	< 1		
cis-1,2-Dichloroethene	2024-05	ug/L													
cis-1,2-Dichloroethene	2024-09	ug/L		< 1	< 1	< 1							< 1		
cis-1,2-Dichloroethene	2024-10	ug/L	< 1				**16.6**	**0.282 J**	< 1	< 1	< 1	< 1		< 1	< 1
cis-1,2-Dichloroethene	2025-04	ug/L	< 1	< 1	< 1	< 1	**16.8**					< 1	< 1		
cis-1,2-Dichloroethene	2025-10	ug/L	< 1	< 1	< 1	< 1	**14.5**	**0.32 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,3-Dichloropropene	2007-10	ug/L													
cis-1,3-Dichloropropene	2008-01	ug/L													
cis-1,3-Dichloropropene	2008-04	ug/L													
cis-1,3-Dichloropropene	2008-07	ug/L													
cis-1,3-Dichloropropene	2008-10	ug/L													
cis-1,3-Dichloropropene	2009-04	ug/L													
cis-1,3-Dichloropropene	2009-07	ug/L													
cis-1,3-Dichloropropene	2009-10	ug/L													
cis-1,3-Dichloropropene	2009-12	ug/L													
cis-1,3-Dichloropropene	2010-02	ug/L													
cis-1,3-Dichloropropene	2010-04	ug/L													
cis-1,3-Dichloropropene	2010-06	ug/L													
cis-1,3-Dichloropropene	2010-08	ug/L													
cis-1,3-Dichloropropene	2010-10	ug/L													
cis-1,3-Dichloropropene	2010-12	ug/L													
cis-1,3-Dichloropropene	2011-02	ug/L													
cis-1,3-Dichloropropene	2011-04	ug/L													
cis-1,3-Dichloropropene	2011-06	ug/L													
cis-1,3-Dichloropropene	2011-10	ug/L													
cis-1,3-Dichloropropene	2011-12	ug/L													
cis-1,3-Dichloropropene	2012-02	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2012-04	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2012-06	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2012-08	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2012-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2013-01	ug/L		< 5.00	< 5.00										
cis-1,3-Dichloropropene	2013-04	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2013-06	ug/L		< 5.00	< 5.00										
cis-1,3-Dichloropropene	2013-08	ug/L		< 5.00	< 5.00										
cis-1,3-Dichloropropene	2013-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2013-12	ug/L		< 5.00	< 5.00										
cis-1,3-Dichloropropene	2014-03	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2014-09	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
cis-1,3-Dichloropropene	2015-05	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5		
cis-1,3-Dichloropropene	2015-10	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2016-01	ug/L									< 5	< 5		< 5	< 5
cis-1,3-Dichloropropene	2016-04	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2016-07	ug/L												< 5	< 5
cis-1,3-Dichloropropene	2016-09	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2016-12	ug/L													
cis-1,3-Dichloropropene	2017-03	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2017-11	ug/L						< 5							
cis-1,3-Dichloropropene	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2018-06	ug/L						< 5			< 5				

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
cis-1,3-Dichloropropene	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2018-11	ug/L													
cis-1,3-Dichloropropene	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~
cis-1,3-Dichloropropene	2019-05	ug/L		< 5											
cis-1,3-Dichloropropene	2019-07	ug/L													
cis-1,3-Dichloropropene	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2020-04	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2021-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2022-04	ug/L		< 5		< 5						< 5	< 5		< 5
cis-1,3-Dichloropropene	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2023-05	ug/L	< 5	< 5		< 5				< 5		< 5	< 5		< 5
cis-1,3-Dichloropropene	2023-08	ug/L								< 5					
cis-1,3-Dichloropropene	2023-11	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2024-02	ug/L								< 5					
cis-1,3-Dichloropropene	2024-04	ug/L		< 5									< 5		< 5
cis-1,3-Dichloropropene	2024-05	ug/L				< 5						< 5			
cis-1,3-Dichloropropene	2024-09	ug/L													
cis-1,3-Dichloropropene	2024-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2025-04	ug/L	< 5	< 5		< 5						< 5	< 5		< 5
cis-1,3-Dichloropropene	2025-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Cobalt	2007-10	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.0227**	< 0.02	< 0.02	
Cobalt	2008-01	mg/L			< 0.02	**0.0251**	< 0.02	**0.0234**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Cobalt	2008-04	mg/L			< 0.02	**0.0298**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Cobalt	2008-07	mg/L			< 0.02	**0.0209**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Cobalt	2008-10	mg/L			< 0.02	**0.0204**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Cobalt	2009-04	mg/L			< 0.0200	**0.0219**	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Cobalt	2009-07	mg/L							< 0.0200			< 0.0200			
Cobalt	2009-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Cobalt	2009-12	mg/L							< 0.0200			< 0.0200			
Cobalt	2010-02	mg/L										< 0.0200			
Cobalt	2010-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Cobalt	2010-06	mg/L										< 0.0200			< 0.0200
Cobalt	2010-08	mg/L													< 0.0200
Cobalt	2010-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.0641**
Cobalt	2010-12	mg/L													< 0.0200
Cobalt	2011-02	mg/L													< 0.0200
Cobalt	2011-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Cobalt	2011-06	mg/L											< 0.0200		< 0.0200
Cobalt	2011-10	mg/L			< 0.0200	**0.0101 J**	< 0.0200	**0.00161 J**	< 0.0200	< 0.0200	**0.00229 J**	< 0.0200	< 0.0200	< 0.0200	**0.00282 J**
Cobalt	2011-12	mg/L	< 0.0200												**0.0175 J**
Cobalt	2012-02	mg/L	**0.000420 J**												
Cobalt	2012-04	mg/L	**0.00110 J**		**0.00150 J**	**0.00520**	**0.000750 J**	**0.00105 J**	**0.00200 J**	**0.000450 J**	**0.00640**	**0.000550 J**	**0.00110 J**	**0.000250 J**	**0.00630**
Cobalt	2012-06	mg/L													
Cobalt	2012-08	mg/L	**0.000620**												
Cobalt	2012-10	mg/L	**0.000470 J**		**0.00160 J**	**0.0328**	**0.00110 J**	**0.00760 J**	**0.00370 J**	**0.000480 J**	**0.0106**	**0.00100 J**	**0.00172**	**0.000700 J**	**0.00672**
Cobalt	2013-01	mg/L													
Cobalt	2013-04	mg/L	**0.00206**		**0.00115**	**0.0133**	**0.000815**	**0.00298**	**0.00234**	**0.00117**	**0.0125**	**0.000372 J**	**0.00249**	**0.000393 J**	**0.00552**
Cobalt	2013-06	mg/L													
Cobalt	2013-08	mg/L													
Cobalt	2013-10	mg/L	**0.00127**		**0.000352 J**	**0.00489**	**0.00302**	**0.00380**	**0.00198**	**0.000230 J**	**0.00390**	**0.000534 J**	**0.00143**	**0.00106**	**0.00711**
Cobalt	2013-12	mg/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
cis-1,3-Dichloropropene	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2018-11	ug/L							< 5						
cis-1,3-Dichloropropene	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~	< 5	< 5
cis-1,3-Dichloropropene	2019-05	ug/L													
cis-1,3-Dichloropropene	2019-07	ug/L										< 5			
cis-1,3-Dichloropropene	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2020-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2021-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2022-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
cis-1,3-Dichloropropene	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2023-05	ug/L	< 5	< 5	< 5	< 5	< 5			< 5		< 5	< 5		
cis-1,3-Dichloropropene	2023-08	ug/L								< 5					
cis-1,3-Dichloropropene	2023-11	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2024-02	ug/L								< 5					
cis-1,3-Dichloropropene	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
cis-1,3-Dichloropropene	2024-05	ug/L													
cis-1,3-Dichloropropene	2024-09	ug/L		< 5	< 5	< 5							< 5		
cis-1,3-Dichloropropene	2024-10	ug/L	< 5				< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5
cis-1,3-Dichloropropene	2025-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
cis-1,3-Dichloropropene	2025-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Cobalt	2007-10	mg/L													
Cobalt	2008-01	mg/L													
Cobalt	2008-04	mg/L													
Cobalt	2008-07	mg/L													
Cobalt	2008-10	mg/L													
Cobalt	2009-04	mg/L													
Cobalt	2009-07	mg/L													
Cobalt	2009-10	mg/L													
Cobalt	2009-12	mg/L													
Cobalt	2010-02	mg/L													
Cobalt	2010-04	mg/L													
Cobalt	2010-06	mg/L													
Cobalt	2010-08	mg/L													
Cobalt	2010-10	mg/L													
Cobalt	2010-12	mg/L													
Cobalt	2011-02	mg/L													
Cobalt	2011-04	mg/L													
Cobalt	2011-06	mg/L													
Cobalt	2011-10	mg/L													
Cobalt	2011-12	mg/L													
Cobalt	2012-02	mg/L					**0.00233**		**0.0101**	**0.00436**	**0.00230**	**0.00581**	**0.00310**		
Cobalt	2012-04	mg/L					**0.00235 J**		**0.00565**	**0.00455**	**0.00400**	**0.00215 J**	**0.000550 J**		
Cobalt	2012-06	mg/L					**0.00379**		**0.00736**	**0.00390**	**0.00374**	**0.00167**	**0.000510**		
Cobalt	2012-08	mg/L					**0.00420**		**0.00927**	**0.00380**	**0.00359**	**0.0143**	**0.00216**		
Cobalt	2012-10	mg/L		**0.00200 J**	**0.000600 J**		**0.00460 J**		**0.0134**	**0.00281**	**0.00312**	**0.00130**	**0.000740**		
Cobalt	2013-01	mg/L		**0.00141 J**	**0.00514 J**										
Cobalt	2013-04	mg/L		**0.00424**	**0.00377**		**0.00180**		**0.00775**	**0.00130**	**0.0142**	**0.00218**	**0.00140**		
Cobalt	2013-06	mg/L		**0.00130 J**	**0.00521**										
Cobalt	2013-08	mg/L		**0.000567**	**0.00176**										
Cobalt	2013-10	mg/L		**0.000738 J**	**0.00314**		**0.00124**		**0.00824**	**0.00560**	**0.00475**	**0.000146 J**	**0.000470 J**		
Cobalt	2013-12	mg/L		**0.000786 J**	**0.00203**										

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Cobalt	2014-03	mg/L	0.00581		0.000573 J	0.00778	0.00182	0.00308	0.00250	0.000306 J	0.00755	0.000349 J	0.00135	0.000607 J	0.0126
Cobalt	2014-09	mg/L	0.00169		< 0.000500	0.00322	0.000490 J	0.00200	0.00172	0.000163 J	0.00141	< 0.000500 J	0.00187	< 0.000500 J	0.00661
Cobalt	2015-05	mg/L	0.00233		0.000072 J	0.00365	0.000243 J	0.0022	0.00145	0.000152 J	0.00127	0.000072 J	0.00224	0.000071 J	0.00549
Cobalt	2015-10	mg/L	0.00233		< 0.0005	0.00354	0.000225 J	0.00291	0.00131	0.000122 J	0.00113	< 0.0005	0.00327	< 0.0005	0.00644
Cobalt	2016-01	mg/L													
Cobalt	2016-04	mg/L	0.00256	0.00104	0.000109 J	0.00515	0.000218 J	0.00115	0.00135	0.000159 J	0.00109	0.000107 J	0.0045	0.000685	0.00722
Cobalt	2016-07	mg/L		0.000983											
Cobalt	2016-09	mg/L		0.00127	0.000097 J	0.00426	0.000636	0.00312	0.0015	0.000162 J	0.00148	0.000064 J	0.00357	0.000057 J	0.0052
Cobalt	2016-12	mg/L		0.000202 J											
Cobalt	2017-03	mg/L		0.00174	< 0.0005	0.00621	0.000356 J	0.00144	0.00151	0.000104 J	0.00127	0.000059 J	0.00624		0.00565
Cobalt	2017-08	mg/L	0.00204	0.00146	< 0.0005	0.00899	0.000724	0.00237	0.00215	0.000184 J	0.00959	0.000067 J	0.0075		0.00459
Cobalt	2018-03	mg/L	0.00177	0.00101	< 0.0005	0.0136	0.000448 J	0.00143	0.00235	0.000152 J	0.0119	0.000073 J	0.00222		0.00456
Cobalt	2018-06	mg/L													
Cobalt	2018-09	mg/L	0.00224	0.0022	< 0.0005	0.00422	0.000716	0.00151	0.0021	0.000387 J	0.000903	0.000107 J	0.00695		0.00465
Cobalt	2018-11	mg/L													
Cobalt	2019-04	mg/L	0.00456	0.00414	< 0.001	0.0123	0.000858 J	0.00162	0.00217	0.00117	0.00108	< 0.001	0.00396		~~0.00435~~
Cobalt	2019-07	mg/L													
Cobalt	2019-10	mg/L	0.00183	0.00154	< 0.0005	0.011	0.000942	0.00773	0.0022	0.000353 J	0.00115	< 0.0005	0.00513		0.004
Cobalt	2020-04	mg/L		0.000914	< 0.0005	0.0155	0.00123	0.00164	0.00228	0.000632	0.000474 J	< 0.0005	0.00577		0.00365
Cobalt	2020-10	mg/L	0.001	0.000935	0.000142 J	0.0122	0.000881	0.00134	0.00273	0.000492 J	0.0065	< 0.0005	0.00882		0.00258
Cobalt	2021-05	mg/L	0.00107	0.000803	< 0.0005	0.0167	0.000819	0.000851	0.00218	0.000644	0.00641	< 0.0005	0.0102	0.000101 J	0.00308
Cobalt	2021-10	mg/L		0.00091	0.000197 J	0.0107	0.00154	0.00095	0.00259	0.000837	0.00318	< 0.0005	0.00877		0.00264
Cobalt	2022-04	mg/L		0.000743		0.0105						< 0.0005	0.00657		0.0031
Cobalt	2022-10	mg/L	0.000796	0.00079	0.00021 J	0.00625	0.00114	0.000904	0.0025	0.00144	0.000685	< 0.0005	0.00873		0.00265
Cobalt	2023-05	mg/L	0.000808	0.000943		0.00545				0.00109		< 0.0005	0.0112		0.00434
Cobalt	2023-08	mg/L								0.00153					
Cobalt	2023-11	mg/L		0.000783	0.000214 J	0.00403	0.000814	0.00127	0.00231	0.00133	0.0107	< 0.0005	0.00876		0.00206
Cobalt	2024-02	mg/L								0.00105					
Cobalt	2024-04	mg/L		0.000681									0.0103		0.00309
Cobalt	2024-05	mg/L				0.00419						< 0.0005			
Cobalt	2024-09	mg/L													
Cobalt	2024-10	mg/L	0.000507	0.000683	0.00041 J	0.0035	0.000735	0.00225	0.00214	0.00151	0.000866	< 0.0005	0.00667		0.00189
Cobalt	2025-04	mg/L	0.000818	0.000692		0.004						< 0.0005	0.00794		0.00346
Cobalt	2025-10	mg/L		0.000632	0.00167	0.00372	0.000812	0.00247	0.00181	0.0015	0.00117	< 0.0005	0.00535		0.00279
Copper	2007-10	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.0459	< 0.02	< 0.02	
Copper	2008-01	mg/L			< 0.02	< 0.02	< 0.02	0.0324	< 0.02	< 0.02	< 0.02	< 0.02	0.0396	< 0.02	
Copper	2008-04	mg/L			< 0.02	< 0.02	0.0639	< 0.02	0.0254	< 0.02	< 0.02	0.0208	< 0.02	0.0293	
Copper	2008-07	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Copper	2008-10	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.0226	< 0.02	< 0.02	
Copper	2009-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	0.0323	< 0.0200	< 0.0200	
Copper	2009-07	mg/L							< 0.0200			< 0.0200			
Copper	2009-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Copper	2009-12	mg/L							< 0.0200			< 0.0200			
Copper	2010-02	mg/L										< 0.0200			
Copper	2010-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	0.0345	< 0.0200	< 0.0200	
Copper	2010-06	mg/L										< 0.0200			< 0.0200
Copper	2010-08	mg/L													0.0217
Copper	2010-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	0.192
Copper	2010-12	mg/L													< 0.0200
Copper	2011-02	mg/L													< 0.0200
Copper	2011-04	mg/L			< 0.0200	< 0.0200	< 0.0200	0.0489	0.0222	0.0240	< 0.0200	< 0.0200	0.0246	< 0.0200	0.0411
Copper	2011-06	mg/L											< 0.0200		0.0341
Copper	2011-10	mg/L			0.0193 J	0.0107 J	0.0100 J	0.0138 J	0.00971 J	0.00802 J	0.00558 J	0.00888 J	0.0107 J	0.0189 J	0.00856 J

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Cobalt	2014-03	mg/L		0.000342 J	0.00325		0.00146		0.00568	0.00221	0.00382	0.0000880 J	0.000979 J		
Cobalt	2014-09	mg/L		< 0.000500	0.00160		0.000728		0.00497	0.00366	0.00214	0.000399 J	0.000181 J		
Cobalt	2015-05	mg/L		< 0.0005	0.000957		0.00062		0.00302	0.00462	0.0109	0.0075	0.000199 J		
Cobalt	2015-10	mg/L	0.000191 J	< 0.0005	0.0018	0.00082	0.000511		0.00223	0.00263	0.00118	0.00333	0.000281 J		
Cobalt	2016-01	mg/L									0.00124	0.00603			
Cobalt	2016-04	mg/L	0.000431 J	0.000039 J	0.0012	0.000216 J	0.000698		0.00165	0.00177	0.00428	0.00799	0.000736		
Cobalt	2016-07	mg/L													
Cobalt	2016-09	mg/L	0.000383 J	< 0.0005	0.000781	0.000646	0.000494 J		0.00213	0.00486	0.00133 J	0.00435	0.000532		
Cobalt	2016-12	mg/L													
Cobalt	2017-03	mg/L	0.000863	< 0.0005	0.00133	0.000146 J	0.000614		0.00296	0.00785	0.0114	0.00394	0.000694		
Cobalt	2017-08	mg/L	0.000204 J	< 0.0005	0.00216	0.000409 J	0.000456 J		0.00538	0.00265	0.000484 J	0.00391	0.00119		
Cobalt	2018-03	mg/L	0.000117 J	< 0.0005	0.00352	0.000611	0.000555		0.00518	0.00208	0.00586	0.00447	0.00158		
Cobalt	2018-06	mg/L									0.0082				
Cobalt	2018-09	mg/L	0.000188 J	< 0.0005	0.00118	0.000653	0.000513		0.00738	0.00261	0.00351	0.00461	0.00152		
Cobalt	2018-11	mg/L							0.0078						
Cobalt	2019-04	mg/L	< 0.001	< 0.001	~~0.0325~~	0.000688 J	0.000674 J		0.00704	0.00555	0.00947	0.00433	~~0.00321~~		
Cobalt	2019-07	mg/L										0.00635			
Cobalt	2019-10	mg/L	< 0.0005	< 0.0005	0.000932	0.000284 J	0.000503		0.0102	0.00289	0.00675	0.00405	~~0.0034~~		
Cobalt	2020-04	mg/L	0.000157 J	< 0.0005	0.00191	0.000133 J	0.000458 J		0.00906	0.00184	0.00969	0.00373	0.00419		
Cobalt	2020-10	mg/L	0.000104 J	< 0.0005	0.00152	0.000505	0.000644		0.0085	0.00253	0.00128	0.0053	0.00509		
Cobalt	2021-05	mg/L	0.000555	< 0.0005	0.000544	< 0.0005	0.00055		0.00917	0.00242	0.00344	0.00456	0.00545		
Cobalt	2021-10	mg/L	0.00207	< 0.0005	0.00174	0.000345 J	0.000599		0.00903	0.00279	0.000546	0.00699	0.00502		
Cobalt	2022-04	mg/L	~~0.00624~~	< 0.0005	0.000208 J	0.000208 J	0.000679					0.00498	0.00578		
Cobalt	2022-10	mg/L	0.0182	< 0.0005	0.0018	0.000591	0.000599		0.012	0.00353	0.00114	0.00403	0.00583		
Cobalt	2023-05	mg/L	0.0103	< 0.0005	0.000187 J	< 0.0005	0.000665			0.00597		0.00584	~~0.00838~~		
Cobalt	2023-08	mg/L								0.00387					
Cobalt	2023-11	mg/L	0.00533	< 0.0005	0.000356 J	< 0.0005	0.000603		0.00988	0.0047	0.000594	0.0027	0.00113		
Cobalt	2024-02	mg/L								0.00242					
Cobalt	2024-04	mg/L	0.00687	< 0.0005	0.000415 J	< 0.0005	0.000539					0.00577	~~0.00874~~		
Cobalt	2024-05	mg/L													
Cobalt	2024-09	mg/L		< 0.0005	0.000427 J	0.000951							~~0.00721~~		
Cobalt	2024-10	mg/L	0.0122				0.000659		0.00808	0.0038	0.00122	0.00638			
Cobalt	2025-04	mg/L	0.00934	< 0.0005	0.00019 J	< 0.0005	0.000603					0.00738	~~0.0124~~		
Cobalt	2025-10	mg/L	0.0143	< 0.0005	0.000569	0.000498 J	0.000509		0.00595	0.00362	0.000308 J	0.00503	0.0023		
Copper	2007-10	mg/L													
Copper	2008-01	mg/L													
Copper	2008-04	mg/L													
Copper	2008-07	mg/L													
Copper	2008-10	mg/L													
Copper	2009-04	mg/L													
Copper	2009-07	mg/L													
Copper	2009-10	mg/L													
Copper	2009-12	mg/L													
Copper	2010-02	mg/L													
Copper	2010-04	mg/L													
Copper	2010-06	mg/L													
Copper	2010-08	mg/L													
Copper	2010-10	mg/L													
Copper	2010-12	mg/L													
Copper	2011-02	mg/L													
Copper	2011-04	mg/L													
Copper	2011-06	mg/L													
Copper	2011-10	mg/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Copper	2011-12	mg/L	**0.00965 J**												**0.0425**
Copper	2012-02	mg/L	**0.00105**												
Copper	2012-04	mg/L	**0.00285**		**0.00100 J**	< 0.00250	**0.00500**	< 0.00250	< 0.00250	< 0.00250	**0.000650 J**	**0.00380**	**0.000850 J**	**0.000600 J**	**0.00350**
Copper	2012-06	mg/L													
Copper	2012-08	mg/L	**0.00177**												
Copper	2012-10	mg/L	**0.00177**		**0.00410 J**	**0.00460 J**	**0.00760**	**0.00660 J**	< 0.00500	**0.000750**	**0.00310 J**	**0.00200 J**	**0.00146**	**0.00320 J**	**0.00195**
Copper	2013-01	mg/L													
Copper	2013-04	mg/L	**0.00341**		**0.00356**	**0.00167**	**0.00503**	**0.0107**	**0.00146**	**0.00405**	**0.00426**	**0.00112**	**0.00177**	**0.00253**	**0.00308**
Copper	2013-06	mg/L													
Copper	2013-08	mg/L													
Copper	2013-10	mg/L	**0.000682 J**		**0.00176 J**	**0.000689 J**	**0.00572**	**0.00495**	**0.000584 J**	< 0.00200	**0.000563 J**	**0.00161 J**	**0.00124 J**	**0.00245**	**0.00182 J**
Copper	2013-12	mg/L													
Copper	2014-03	mg/L	**0.0114**		**0.000912 J**	**0.000632 J**	**0.00432**	**0.00202**	**0.154**	**0.000795 J**	**0.000961 J**	**0.00108 J**	< 0.00200	**0.00147 J**	**0.0259**
Copper	2014-09	mg/L	< 0.00200		**0.000790 J**	< 0.00200	**0.00159 J**	< 0.00200	< 0.00200	< 0.00200	< 0.00200	**0.000722 J**	**0.00141 J**	**0.000721 J**	**0.000504 J**
Copper	2015-05	mg/L	< 0.002 J		< 0.002 J	< 0.002	< 0.002 J	< 0.002 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 J	**0.000638 J**	< 0.002
Copper	2015-10	mg/L	< 0.002		< 0.002 J	< 0.002	< 0.002 J	< 0.002 J	< 0.002	< 0.002	< 0.002 J	< 0.002	**0.000495 J**	< 0.002	< 0.002
Copper	2016-01	mg/L													
Copper	2016-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	**0.00285 J**	**0.0017 J**	< 0.005	< 0.005	< 0.005	< 0.005	**0.00168 J**	< 0.005	< 0.005
Copper	2016-07	mg/L		< 0.005											
Copper	2016-09	mg/L		< 0.005	**0.00132 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00196 J**	< 0.005	< 0.005	< 0.005
Copper	2016-12	mg/L		< 0.005											
Copper	2017-03	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2017-08	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2018-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2018-06	mg/L													
Copper	2018-09	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	**0.00173 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2018-11	mg/L													
Copper	2019-04	mg/L	**0.00105 J**	**0.00106 J**	**0.00144 J**	< 0.002	**0.00151 J**	< 0.002	**0.000787 J**	< 0.002	**0.000583 J**	**0.00118 J**	**0.000688 J**		~~< 0.002~~
Copper	2019-07	mg/L													
Copper	2019-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2020-04	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2020-10	mg/L	< 0.005	< 0.005	**0.00211 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2021-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Copper	2021-10	mg/L		< 0.005	**0.00214 J**	< 0.005	**0.00174 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2022-04	mg/L		< 0.005		< 0.005						< 0.005	< 0.005		< 0.005
Copper	2022-10	mg/L	**0.00378 J**	< 0.005	**0.00183 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2023-05	mg/L	< 0.005	**0.00195 J**		< 0.005				**0.00493 J**		< 0.005	< 0.005		**0.00181 J**
Copper	2023-08	mg/L								< 0.005					
Copper	2023-11	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2024-02	mg/L								< 0.005					
Copper	2024-04	mg/L		< 0.005									< 0.005		< 0.005
Copper	2024-05	mg/L				< 0.005						< 0.005			
Copper	2024-09	mg/L													
Copper	2024-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Copper	2025-04	mg/L	< 0.005	< 0.005		< 0.005						< 0.005	< 0.005		< 0.005
Copper	2025-10	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	**0.00359 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Cyanide	2009-04	mg/L			< 0.0100	< 0.0100	< 0.0100	< 0.0100			< 0.0100				
Cyanide	2009-07	mg/L							< 0.0100						
Cyanide	2010-04	mg/L			< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100		< 0.0100				
Cyanide	2011-06	mg/L											< 0.0100		
Cyanide	2012-04	mg/L											< 0.0100		
Cyanide	2012-06	mg/L													
Cyanide	2013-10	mg/L													

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Copper	2011-12	mg/L													
Copper	2012-02	mg/L					**0.00325**		**0.00470**	**0.00176**	**0.00647**	**0.0150**	**0.00495**		
Copper	2012-04	mg/L					**0.00115 J**		**0.00525**	**0.000900 J**	**0.00215 J**	**0.00475**	**0.00115 J**		
Copper	2012-06	mg/L					**0.00997**		**0.00771**	**0.00228**	**0.00311**	**0.00391**	**0.00122**		
Copper	2012-08	mg/L					**0.00236**		**0.00959**	**0.00415**	**0.00859**	**0.0275**	**0.00432**		
Copper	2012-10	mg/L		**0.00720**	< 0.0100		**0.00230 J**		**0.0147**	**0.00368**	**0.00178**	**0.00310**	**0.00178**		
Copper	2013-01	mg/L		< 0.0200 J	< 0.0200 J										
Copper	2013-04	mg/L		**0.0206**	**0.00470**		**0.00376**		**0.00485**	**0.00507**	**0.0163**	**0.00395**	**0.0117**		
Copper	2013-06	mg/L		**0.00260**	**0.00786**										
Copper	2013-08	mg/L		**0.00176**	**0.00276**										
Copper	2013-10	mg/L		**0.00148 J**	**0.00269**		**0.00194 J**		**0.00726**	**0.00168 J**	**0.00110 J**	**0.00124 J**	**0.00163 J**		
Copper	2013-12	mg/L		**0.0178**	**0.0181**										
Copper	2014-03	mg/L		**0.00103 J**	**0.00104 J**		**0.00684**		**0.000874 J**	**0.000842 J**	**0.00144 J**	**0.000924 J**	**0.00161 J**		
Copper	2014-09	mg/L		< 0.00200	< 0.00200		< 0.00200		**0.000516 J**	**0.00187 J**	**0.00210**	**0.00109 J**	**0.000686 J**		
Copper	2015-05	mg/L		< 0.002	< 0.002		< 0.002		< 0.002	< 0.002 J	< 0.002 J	< 0.002 J	< 0.002 J		
Copper	2015-10	mg/L	**0.00327**	< 0.002	< 0.002 J	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
Copper	2016-01	mg/L									< 0.002	< 0.002			
Copper	2016-04	mg/L	**0.00342 J**	< 0.005	< 0.005	**0.00136 J**	< 0.005		< 0.005	**0.00187 J**	< 0.005	< 0.005	< 0.005		
Copper	2016-07	mg/L													
Copper	2016-09	mg/L	**0.00204 J**	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2016-12	mg/L													
Copper	2017-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2017-08	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2018-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2018-06	mg/L									< 0.005				
Copper	2018-09	mg/L	**0.00227 J**	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2018-11	mg/L							< 0.005						
Copper	2019-04	mg/L	**0.00222**	**0.000618 J**	**0.00147 J**	**0.00102 J**	< 0.002		**0.00062 J**	**0.00088 J**	**0.00547**	**0.00177 J**	~~**0.00166 J**~~		
Copper	2019-07	mg/L										< 0.002			
Copper	2019-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2020-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2020-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	**0.025 J**	< 0.005	< 0.005	< 0.005		
Copper	2021-05	mg/L	**0.00194 J**	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2021-10	mg/L	**0.0028 J**	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2022-04	mg/L	< 0.02	< 0.005	**0.00201 J**	< 0.005	< 0.005					< 0.005	< 0.005		
Copper	2022-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Copper	2023-05	mg/L	**0.00308 J**	< 0.005	**0.00193 J**	< 0.005	< 0.005			**0.00293 J**		< 0.005	**0.005**		
Copper	2023-08	mg/L								< 0.005					
Copper	2023-11	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	**0.00215 J**		
Copper	2024-02	mg/L								< 0.005					
Copper	2024-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005		
Copper	2024-05	mg/L													
Copper	2024-09	mg/L		< 0.005	< 0.005	< 0.005							< 0.005		
Copper	2024-10	mg/L	< 0.005				< 0.005		< 0.005	< 0.005	< 0.005	< 0.005			
Copper	2025-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	~~**0.00715**~~		
Copper	2025-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Cyanide	2009-04	mg/L													
Cyanide	2009-07	mg/L													
Cyanide	2010-04	mg/L													
Cyanide	2011-06	mg/L													
Cyanide	2012-04	mg/L													
Cyanide	2012-06	mg/L					< 0.0100		< 0.0100						
Cyanide	2013-10	mg/L					< 0.0100		< 0.0100						

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Cyanide	2014-03	mg/L			< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100		< 0.0100				
Cyanide	2015-10	mg/L													
Cyanide	2016-01	mg/L													
Cyanide	2016-04	mg/L													< 0.01
Cyanide	2017-03	mg/L											< 0.01		
Cyanide	2018-03	mg/L													
Cyanide	2018-06	mg/L													
Cyanide	2018-09	mg/L													
Cyanide	2018-11	mg/L													
Cyanide	2019-04	mg/L			< 0.01	< 0.01			< 0.01						
Cyanide	2019-07	mg/L													
Cyanide	2021-05	mg/L													< 0.01
Cyanide	2022-04	mg/L											< 0.01		
Cyanide	2023-05	mg/L								< 0.01					
Cyanide	2023-08	mg/L								< 0.01					
Cyanide	2023-11	mg/L								< 0.01					
Cyanide	2024-02	mg/L								< 0.01					
Cyanide	2024-04	mg/L													< 0.01
Cyanide	2024-05	mg/L				< 0.01									
Cyanide	2024-10	mg/L			< 0.01				< 0.01						
delta-BHC	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
delta-BHC	2009-07	ug/L							< 0.0320						
delta-BHC	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
delta-BHC	2011-06	ug/L											< 0.0320		
delta-BHC	2012-04	ug/L											< 0.0320		
delta-BHC	2012-06	ug/L													
delta-BHC	2013-10	ug/L													
delta-BHC	2014-03	ug/L			< 0.0352	**0.00745 J**	< 0.0360	**0.00285 J**	**0.00376 J**		**0.0243 J**				
delta-BHC	2014-06	ug/L				< 0.0333		< 0.0333	**0.00325 J**		< 0.0340				
delta-BHC	2014-09	ug/L				< 0.0356		< 0.0356	< 0.0352		< 0.0360				
delta-BHC	2014-12	ug/L				< 0.0356		< 0.0352	< 0.0333		< 0.0368				
delta-BHC	2015-05	ug/L				**0.00313 J**		< 0.0348	< 0.0337		< 0.032				< 0.0337
delta-BHC	2015-10	ug/L													
delta-BHC	2016-01	ug/L													
delta-BHC	2016-04	ug/L													< 0.0327
delta-BHC	2017-03	ug/L											< 0.16		
delta-BHC	2018-03	ug/L													
delta-BHC	2018-06	ug/L													
delta-BHC	2018-09	ug/L													
delta-BHC	2018-11	ug/L													
delta-BHC	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
delta-BHC	2019-07	ug/L													
delta-BHC	2021-05	ug/L													< 0.0395
delta-BHC	2022-04	ug/L											< 0.0696		
delta-BHC	2023-05	ug/L								< 0.0681					
delta-BHC	2023-08	ug/L								< 0.0744					
delta-BHC	2023-11	ug/L								< 0.0667					
delta-BHC	2024-02	ug/L								< 0.0593					
delta-BHC	2024-04	ug/L													< 0.064
delta-BHC	2024-05	ug/L				< 0.064									
delta-BHC	2024-10	ug/L			< 0.0919				< 0.0921						
Diallate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Diallate	2009-07	ug/L							< 10.0						

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Cyanide	2014-03	mg/L													
Cyanide	2015-10	mg/L									< 0.01				
Cyanide	2016-01	mg/L									**0.00329 J**	< 0.01			
Cyanide	2016-04	mg/L		< 0.01							< 0.01	< 0.01	< 0.01		
Cyanide	2017-03	mg/L	< 0.01			< 0.01									
Cyanide	2018-03	mg/L									< 0.01				
Cyanide	2018-06	mg/L									< 0.01				
Cyanide	2018-09	mg/L					< 0.01		< 0.01						
Cyanide	2018-11	mg/L							< 0.01						
Cyanide	2019-04	mg/L										< 0.01			
Cyanide	2019-07	mg/L										< 0.01			
Cyanide	2021-05	mg/L	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01		
Cyanide	2022-04	mg/L													
Cyanide	2023-05	mg/L								< 0.01					
Cyanide	2023-08	mg/L								< 0.01					
Cyanide	2023-11	mg/L							< 0.01	< 0.01	< 0.01				
Cyanide	2024-02	mg/L								**0.00575 J**					
Cyanide	2024-04	mg/L	**0.0051 J**	**0.0099 J**	< 0.01	< 0.01	< 0.01						< 0.01		
Cyanide	2024-05	mg/L													
Cyanide	2024-10	mg/L													
delta-BHC	2009-04	ug/L													
delta-BHC	2009-07	ug/L													
delta-BHC	2010-04	ug/L													
delta-BHC	2011-06	ug/L													
delta-BHC	2012-04	ug/L													
delta-BHC	2012-06	ug/L					< 0.0320		< 0.0320						
delta-BHC	2013-10	ug/L					< 0.0327		< 0.0327						
delta-BHC	2014-03	ug/L													
delta-BHC	2014-06	ug/L													
delta-BHC	2014-09	ug/L													
delta-BHC	2014-12	ug/L													
delta-BHC	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
delta-BHC	2015-10	ug/L									< 0.162				
delta-BHC	2016-01	ug/L									< 0.032	< 0.032			
delta-BHC	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
delta-BHC	2017-03	ug/L	< 0.0323			< 0.0337									
delta-BHC	2018-03	ug/L									< 0.032				
delta-BHC	2018-06	ug/L									< 0.0364				
delta-BHC	2018-09	ug/L					**0.00377 J**		< 0.0344						
delta-BHC	2018-11	ug/L							< 0.0333						
delta-BHC	2019-04	ug/L										< 0.0352			
delta-BHC	2019-07	ug/L										< 0.0356			
delta-BHC	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
delta-BHC	2022-04	ug/L													
delta-BHC	2023-05	ug/L								< 0.0711					
delta-BHC	2023-08	ug/L								< 0.0696					
delta-BHC	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
delta-BHC	2024-02	ug/L								< 0.064					
delta-BHC	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
delta-BHC	2024-05	ug/L													
delta-BHC	2024-10	ug/L													
Diallate	2009-04	ug/L													
Diallate	2009-07	ug/L													

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Diallate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Diallate	2011-06	ug/L											< 10.0		
Diallate	2012-04	ug/L											< 10.0		
Diallate	2012-06	ug/L													
Diallate	2013-10	ug/L													
Diallate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Diallate	2015-10	ug/L													
Diallate	2016-01	ug/L													
Diallate	2016-04	ug/L													< 10.3
Diallate	2017-03	ug/L											< 10.1		
Diallate	2018-03	ug/L													
Diallate	2018-06	ug/L													
Diallate	2018-09	ug/L													
Diallate	2018-11	ug/L													
Diallate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Diallate	2019-07	ug/L													
Diallate	2021-05	ug/L													< 10.9
Diallate	2022-04	ug/L											< 10		
Diallate	2023-05	ug/L								< 10.4					
Diallate	2023-08	ug/L								< 12.8					
Diallate	2023-11	ug/L								< 10.2					
Diallate	2024-02	ug/L								< 9.26					
Diallate	2024-04	ug/L													< 10
Diallate	2024-05	ug/L				< 10									
Diallate	2024-10	ug/L			< 10.4				< 10.4						
Dibenzo(a,h)anthracene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Dibenzo(a,h)anthracene	2009-07	ug/L							< 10.0						
Dibenzo(a,h)anthracene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Dibenzo(a,h)anthracene	2011-06	ug/L											< 10.0		
Dibenzo(a,h)anthracene	2012-04	ug/L											< 10.0		
Dibenzo(a,h)anthracene	2012-06	ug/L													
Dibenzo(a,h)anthracene	2013-10	ug/L													
Dibenzo(a,h)anthracene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Dibenzo(a,h)anthracene	2015-10	ug/L													
Dibenzo(a,h)anthracene	2016-01	ug/L													
Dibenzo(a,h)anthracene	2016-04	ug/L													< 10.3
Dibenzo(a,h)anthracene	2017-03	ug/L											< 10.1		
Dibenzo(a,h)anthracene	2018-03	ug/L													
Dibenzo(a,h)anthracene	2018-06	ug/L													
Dibenzo(a,h)anthracene	2018-09	ug/L													
Dibenzo(a,h)anthracene	2018-11	ug/L													
Dibenzo(a,h)anthracene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Dibenzo(a,h)anthracene	2019-07	ug/L													
Dibenzo(a,h)anthracene	2021-05	ug/L													< 10.9
Dibenzo(a,h)anthracene	2022-04	ug/L											< 10		
Dibenzo(a,h)anthracene	2023-05	ug/L								< 10.4					
Dibenzo(a,h)anthracene	2023-08	ug/L								< 12.8					
Dibenzo(a,h)anthracene	2023-11	ug/L								< 10.2					
Dibenzo(a,h)anthracene	2024-02	ug/L								< 9.26					
Dibenzo(a,h)anthracene	2024-04	ug/L													< 10
Dibenzo(a,h)anthracene	2024-05	ug/L				< 10									
Dibenzo(a,h)anthracene	2024-10	ug/L			< 10.4				< 10.4						
Dibenzofuran	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				

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Diallate	2010-04	ug/L													
Diallate	2011-06	ug/L													
Diallate	2012-04	ug/L													
Diallate	2012-06	ug/L					< 10.0		< 10.0						
Diallate	2013-10	ug/L					< 10.3		< 10.3						
Diallate	2014-03	ug/L													
Diallate	2015-10	ug/L									< 10				
Diallate	2016-01	ug/L									< 10.2	< 10			
Diallate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Diallate	2017-03	ug/L	< 10.4			< 10.4									
Diallate	2018-03	ug/L									< 10				
Diallate	2018-06	ug/L									< 10.8				
Diallate	2018-09	ug/L					< 10.9		< 54.3						
Diallate	2018-11	ug/L							< 10.9						
Diallate	2019-04	ug/L										< 11.1			
Diallate	2019-07	ug/L										< 10.8			
Diallate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Diallate	2022-04	ug/L													
Diallate	2023-05	ug/L								< 11.4					
Diallate	2023-08	ug/L								< 11.6					
Diallate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Diallate	2024-02	ug/L								< 10					
Diallate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Diallate	2024-05	ug/L													
Diallate	2024-10	ug/L													
Dibenzo(a,h)anthracene	2009-04	ug/L													
Dibenzo(a,h)anthracene	2009-07	ug/L													
Dibenzo(a,h)anthracene	2010-04	ug/L													
Dibenzo(a,h)anthracene	2011-06	ug/L													
Dibenzo(a,h)anthracene	2012-04	ug/L													
Dibenzo(a,h)anthracene	2012-06	ug/L					< 10.0		< 10.0						
Dibenzo(a,h)anthracene	2013-10	ug/L					< 10.3		< 10.3						
Dibenzo(a,h)anthracene	2014-03	ug/L													
Dibenzo(a,h)anthracene	2015-10	ug/L									< 10				
Dibenzo(a,h)anthracene	2016-01	ug/L									< 10.2	< 10			
Dibenzo(a,h)anthracene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Dibenzo(a,h)anthracene	2017-03	ug/L	< 10.4			< 10.4									
Dibenzo(a,h)anthracene	2018-03	ug/L									< 10				
Dibenzo(a,h)anthracene	2018-06	ug/L									< 10.8				
Dibenzo(a,h)anthracene	2018-09	ug/L					< 10.9		< 54.3						
Dibenzo(a,h)anthracene	2018-11	ug/L							< 10.9						
Dibenzo(a,h)anthracene	2019-04	ug/L										< 11.1			
Dibenzo(a,h)anthracene	2019-07	ug/L										< 10.8			
Dibenzo(a,h)anthracene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Dibenzo(a,h)anthracene	2022-04	ug/L													
Dibenzo(a,h)anthracene	2023-05	ug/L								< 11.4					
Dibenzo(a,h)anthracene	2023-08	ug/L								< 23.3					
Dibenzo(a,h)anthracene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Dibenzo(a,h)anthracene	2024-02	ug/L								< 10					
Dibenzo(a,h)anthracene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Dibenzo(a,h)anthracene	2024-05	ug/L													
Dibenzo(a,h)anthracene	2024-10	ug/L													
Dibenzofuran	2009-04	ug/L													

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Dibenzofuran	2009-07	ug/L							< 10.0						
Dibenzofuran	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Dibenzofuran	2011-06	ug/L											< 10.0		
Dibenzofuran	2012-04	ug/L											< 10.0		
Dibenzofuran	2012-06	ug/L													
Dibenzofuran	2013-10	ug/L													
Dibenzofuran	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Dibenzofuran	2015-10	ug/L													
Dibenzofuran	2016-01	ug/L													
Dibenzofuran	2016-04	ug/L													< 10.3
Dibenzofuran	2017-03	ug/L											< 10.1		
Dibenzofuran	2018-03	ug/L													
Dibenzofuran	2018-06	ug/L													
Dibenzofuran	2018-09	ug/L													
Dibenzofuran	2018-11	ug/L													
Dibenzofuran	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Dibenzofuran	2019-07	ug/L													
Dibenzofuran	2021-05	ug/L													< 10.9
Dibenzofuran	2022-04	ug/L											< 10		
Dibenzofuran	2023-05	ug/L								< 10.4					
Dibenzofuran	2023-08	ug/L								< 12.8					
Dibenzofuran	2023-11	ug/L								< 10.2					
Dibenzofuran	2024-02	ug/L								< 9.26					
Dibenzofuran	2024-04	ug/L													< 10
Dibenzofuran	2024-05	ug/L				< 10									
Dibenzofuran	2024-10	ug/L			< 10.4				< 10.4						
Dibromomethane	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Dibromomethane	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Dibromomethane	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Dibromomethane	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Dibromomethane	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Dibromomethane	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Dibromomethane	2009-07	ug/L							< 1.00			< 1.00			
Dibromomethane	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Dibromomethane	2009-12	ug/L							< 1.00			< 1.00			
Dibromomethane	2010-02	ug/L										< 1.00			
Dibromomethane	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Dibromomethane	2010-06	ug/L										< 1.00			< 1.00
Dibromomethane	2010-08	ug/L													< 1.00
Dibromomethane	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2010-12	ug/L													< 1.00
Dibromomethane	2011-02	ug/L													< 1.00
Dibromomethane	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2011-06	ug/L											< 1.00		< 1.00
Dibromomethane	2011-10	ug/L			< 1.00	**0.180 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2011-12	ug/L	< 1.00												< 1.00
Dibromomethane	2012-02	ug/L	< 1.00												
Dibromomethane	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2012-06	ug/L	< 1.00												
Dibromomethane	2012-08	ug/L	< 1.00												
Dibromomethane	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2013-01	ug/L													
Dibromomethane	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

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Dibenzofuran	2009-07	ug/L													
Dibenzofuran	2010-04	ug/L													
Dibenzofuran	2011-06	ug/L													
Dibenzofuran	2012-04	ug/L													
Dibenzofuran	2012-06	ug/L					< 10.0		< 10.0						
Dibenzofuran	2013-10	ug/L					< 10.3		< 10.3						
Dibenzofuran	2014-03	ug/L													
Dibenzofuran	2015-10	ug/L									< 10				
Dibenzofuran	2016-01	ug/L									< 10.2	< 10			
Dibenzofuran	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Dibenzofuran	2017-03	ug/L	< 10.4			< 10.4									
Dibenzofuran	2018-03	ug/L									< 10				
Dibenzofuran	2018-06	ug/L									< 10.8				
Dibenzofuran	2018-09	ug/L					< 10.9		< 54.3						
Dibenzofuran	2018-11	ug/L							< 10.9						
Dibenzofuran	2019-04	ug/L										< 11.1			
Dibenzofuran	2019-07	ug/L										< 10.8			
Dibenzofuran	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Dibenzofuran	2022-04	ug/L													
Dibenzofuran	2023-05	ug/L								< 11.4					
Dibenzofuran	2023-08	ug/L								< 11.6					
Dibenzofuran	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Dibenzofuran	2024-02	ug/L								< 10					
Dibenzofuran	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Dibenzofuran	2024-05	ug/L													
Dibenzofuran	2024-10	ug/L													
Dibromomethane	2007-10	ug/L													
Dibromomethane	2008-01	ug/L													
Dibromomethane	2008-04	ug/L													
Dibromomethane	2008-07	ug/L													
Dibromomethane	2008-10	ug/L													
Dibromomethane	2009-04	ug/L													
Dibromomethane	2009-07	ug/L													
Dibromomethane	2009-10	ug/L													
Dibromomethane	2009-12	ug/L													
Dibromomethane	2010-02	ug/L													
Dibromomethane	2010-04	ug/L													
Dibromomethane	2010-06	ug/L													
Dibromomethane	2010-08	ug/L													
Dibromomethane	2010-10	ug/L													
Dibromomethane	2010-12	ug/L													
Dibromomethane	2011-02	ug/L													
Dibromomethane	2011-04	ug/L													
Dibromomethane	2011-06	ug/L													
Dibromomethane	2011-10	ug/L													
Dibromomethane	2011-12	ug/L													
Dibromomethane	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Dibromomethane	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Dibromomethane	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Dibromomethane	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Dibromomethane	2012-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Dibromomethane	2013-01	ug/L		< 1.00	< 1.00										
Dibromomethane	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Dibromomethane	2013-06	ug/L													
Dibromomethane	2013-08	ug/L													
Dibromomethane	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2013-12	ug/L													
Dibromomethane	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2016-01	ug/L													
Dibromomethane	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2016-07	ug/L		< 1											
Dibromomethane	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2016-12	ug/L		< 1											
Dibromomethane	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2017-11	ug/L													
Dibromomethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2018-06	ug/L													
Dibromomethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2018-11	ug/L													
Dibromomethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Dibromomethane	2019-05	ug/L		< 1											
Dibromomethane	2019-07	ug/L													
Dibromomethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
Dibromomethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
Dibromomethane	2023-08	ug/L								< 1					
Dibromomethane	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2024-02	ug/L								< 1					
Dibromomethane	2024-04	ug/L		< 1									< 1		< 1
Dibromomethane	2024-05	ug/L				< 1						< 1			
Dibromomethane	2024-09	ug/L													
Dibromomethane	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Dibromomethane	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorodifluoromethane	2009-04	ug/L			< 3.00	**0.470 J**	< 3.00	< 3.00			< 3.00				
Dichlorodifluoromethane	2009-07	ug/L							< 3.00						
Dichlorodifluoromethane	2010-04	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		< 3.00				
Dichlorodifluoromethane	2011-06	ug/L											< 3.00		
Dichlorodifluoromethane	2012-04	ug/L											**0.430 J**		
Dichlorodifluoromethane	2012-06	ug/L													
Dichlorodifluoromethane	2012-08	ug/L											**0.600 J**		
Dichlorodifluoromethane	2012-10	ug/L											**0.360 J**		
Dichlorodifluoromethane	2013-01	ug/L											**0.257 J**		
Dichlorodifluoromethane	2013-04	ug/L													
Dichlorodifluoromethane	2013-10	ug/L													
Dichlorodifluoromethane	2014-03	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		< 3.00				
Dichlorodifluoromethane	2015-10	ug/L													< 3

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Dibromomethane	2013-06	ug/L		< 1.00	< 1.00										
Dibromomethane	2013-08	ug/L		< 1.00	< 1.00										
Dibromomethane	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Dibromomethane	2013-12	ug/L		< 1.00	< 1.00										
Dibromomethane	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Dibromomethane	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Dibromomethane	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
Dibromomethane	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2016-01	ug/L									< 1	< 1		< 1	< 1
Dibromomethane	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2016-07	ug/L												< 1	< 1
Dibromomethane	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2016-12	ug/L													
Dibromomethane	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2017-11	ug/L						< 1							
Dibromomethane	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2018-06	ug/L						< 1			< 1				
Dibromomethane	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2018-11	ug/L							< 1						
Dibromomethane	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
Dibromomethane	2019-05	ug/L													
Dibromomethane	2019-07	ug/L										< 1			
Dibromomethane	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Dibromomethane	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
Dibromomethane	2023-08	ug/L								< 1					
Dibromomethane	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2024-02	ug/L								< 1					
Dibromomethane	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Dibromomethane	2024-05	ug/L													
Dibromomethane	2024-09	ug/L		< 1	< 1	< 1							< 1		
Dibromomethane	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
Dibromomethane	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Dibromomethane	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorodifluoromethane	2009-04	ug/L													
Dichlorodifluoromethane	2009-07	ug/L													
Dichlorodifluoromethane	2010-04	ug/L													
Dichlorodifluoromethane	2011-06	ug/L													
Dichlorodifluoromethane	2012-04	ug/L													
Dichlorodifluoromethane	2012-06	ug/L					**7.50**		< 3.00						
Dichlorodifluoromethane	2012-08	ug/L					**5.30**								
Dichlorodifluoromethane	2012-10	ug/L					**8.72**								
Dichlorodifluoromethane	2013-01	ug/L					**6.55**								
Dichlorodifluoromethane	2013-04	ug/L					**10.6**								
Dichlorodifluoromethane	2013-10	ug/L					**9.06**		< 3.00						
Dichlorodifluoromethane	2014-03	ug/L													
Dichlorodifluoromethane	2015-10	ug/L		< 3	< 3		**9.08**				< 3	< 3	< 3		

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Dichlorodifluoromethane	2016-01	ug/L													
Dichlorodifluoromethane	2016-04	ug/L													< 3
Dichlorodifluoromethane	2016-09	ug/L													< 3
Dichlorodifluoromethane	2017-03	ug/L											**0.574 J**		< 3
Dichlorodifluoromethane	2017-08	ug/L													< 3
Dichlorodifluoromethane	2018-03	ug/L													< 3
Dichlorodifluoromethane	2018-06	ug/L													
Dichlorodifluoromethane	2018-09	ug/L													< 3
Dichlorodifluoromethane	2018-11	ug/L													
Dichlorodifluoromethane	2019-04	ug/L			< 3	< 3			< 3						~~< 3~~
Dichlorodifluoromethane	2019-07	ug/L													
Dichlorodifluoromethane	2019-10	ug/L													< 3
Dichlorodifluoromethane	2020-04	ug/L													< 3
Dichlorodifluoromethane	2020-10	ug/L													< 3
Dichlorodifluoromethane	2021-05	ug/L													< 3
Dichlorodifluoromethane	2021-10	ug/L							< 3						< 3
Dichlorodifluoromethane	2022-04	ug/L											< 3		< 3
Dichlorodifluoromethane	2022-10	ug/L													< 3
Dichlorodifluoromethane	2023-05	ug/L								< 3					< 3
Dichlorodifluoromethane	2023-08	ug/L								< 3					
Dichlorodifluoromethane	2023-11	ug/L								< 3					
Dichlorodifluoromethane	2024-02	ug/L								< 3					
Dichlorodifluoromethane	2024-04	ug/L													< 3
Dichlorodifluoromethane	2024-05	ug/L				< 3									
Dichlorodifluoromethane	2024-09	ug/L													
Dichlorodifluoromethane	2024-10	ug/L			< 3				< 3						< 3
Dichlorodifluoromethane	2025-04	ug/L													< 3
Dichlorodifluoromethane	2025-10	ug/L													< 3
Dieldrin	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Dieldrin	2009-07	ug/L							< 0.0320						
Dieldrin	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Dieldrin	2011-06	ug/L											< 0.0320		
Dieldrin	2012-04	ug/L											< 0.0320		
Dieldrin	2012-06	ug/L													
Dieldrin	2013-10	ug/L													
Dieldrin	2014-03	ug/L			< 0.0352	< 0.0337	< 0.0360	< 0.0364	< 0.0340		< 0.0337				
Dieldrin	2015-10	ug/L													
Dieldrin	2016-01	ug/L													
Dieldrin	2016-04	ug/L													< 0.0327
Dieldrin	2017-03	ug/L											< 0.16		
Dieldrin	2018-03	ug/L													
Dieldrin	2018-06	ug/L													
Dieldrin	2018-09	ug/L													
Dieldrin	2018-11	ug/L													
Dieldrin	2019-04	ug/L			< 0.0352	< 0.0348			**0.0027 J**						
Dieldrin	2019-07	ug/L													
Dieldrin	2021-05	ug/L													< 0.0395
Dieldrin	2022-04	ug/L											< 0.0696		
Dieldrin	2023-05	ug/L								< 0.0681					
Dieldrin	2023-08	ug/L								< 0.0744					
Dieldrin	2023-11	ug/L								< 0.0667					
Dieldrin	2024-02	ug/L								< 0.0593					
Dieldrin	2024-04	ug/L													< 0.064

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Dichlorodifluoromethane	2016-01	ug/L									< 3	< 3			
Dichlorodifluoromethane	2016-04	ug/L		< 3	< 3		**8.86**				< 3	< 3	< 3		
Dichlorodifluoromethane	2016-09	ug/L	< 3	< 3	< 3	< 3	**7.96**						< 3		
Dichlorodifluoromethane	2017-03	ug/L	< 3	< 3	< 3	< 3	**11.2**						< 3		
Dichlorodifluoromethane	2017-08	ug/L	< 3	< 3	< 3	< 3	**5.72**						< 3		
Dichlorodifluoromethane	2018-03	ug/L	< 3	< 3	< 3	< 3	**9.09**				< 3		< 3		
Dichlorodifluoromethane	2018-06	ug/L									< 3				
Dichlorodifluoromethane	2018-09	ug/L	< 3	< 3	< 3	< 3	**5.59**		< 3				< 3		
Dichlorodifluoromethane	2018-11	ug/L							< 3						
Dichlorodifluoromethane	2019-04	ug/L	< 3	< 3	< 3	< 3	**5.64**					< 3	~~< 3~~		
Dichlorodifluoromethane	2019-07	ug/L										< 3			
Dichlorodifluoromethane	2019-10	ug/L	< 3	< 3	< 3	< 3	**4.71**						< 3		
Dichlorodifluoromethane	2020-04	ug/L	< 3	< 3	< 3	< 3	**4.92**						< 3		
Dichlorodifluoromethane	2020-10	ug/L	< 3	< 3	< 3	< 3	**2.88 J**						< 3		
Dichlorodifluoromethane	2021-05	ug/L	< 3	< 3	< 3	< 3	< 3						< 3		
Dichlorodifluoromethane	2021-10	ug/L	< 3	< 3	< 3	< 3	< 3						< 3		
Dichlorodifluoromethane	2022-04	ug/L	< 3	< 3	< 3	< 3	**3.45**						< 3		
Dichlorodifluoromethane	2022-10	ug/L	< 3	< 3	< 3	< 3	**4.24**						< 3		
Dichlorodifluoromethane	2023-05	ug/L	< 3	< 3	< 3	< 3	**3.58**			< 3			< 3		
Dichlorodifluoromethane	2023-08	ug/L								< 3					
Dichlorodifluoromethane	2023-11	ug/L							< 3	< 3	< 3				
Dichlorodifluoromethane	2024-02	ug/L								< 3					
Dichlorodifluoromethane	2024-04	ug/L	< 3	< 3	< 3	< 3	**2.4 J**						< 3		
Dichlorodifluoromethane	2024-05	ug/L													
Dichlorodifluoromethane	2024-09	ug/L		< 3	< 3	< 3							< 3		
Dichlorodifluoromethane	2024-10	ug/L	< 3				**2.12 J**								
Dichlorodifluoromethane	2025-04	ug/L	< 3	< 3	< 3	< 3	**2.49 J**						< 3		
Dichlorodifluoromethane	2025-10	ug/L	< 3	< 3	< 3	< 3	**2.32 J**						< 3		
Dieldrin	2009-04	ug/L													
Dieldrin	2009-07	ug/L													
Dieldrin	2010-04	ug/L													
Dieldrin	2011-06	ug/L													
Dieldrin	2012-04	ug/L													
Dieldrin	2012-06	ug/L					< 0.0320		< 0.0320						
Dieldrin	2013-10	ug/L					< 0.0327		< 0.0327						
Dieldrin	2014-03	ug/L													
Dieldrin	2015-10	ug/L									< 0.162				
Dieldrin	2016-01	ug/L									< 0.032	< 0.032			
Dieldrin	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Dieldrin	2017-03	ug/L	< 0.0323			< 0.0337									
Dieldrin	2018-03	ug/L									< 0.032				
Dieldrin	2018-06	ug/L									< 0.0364				
Dieldrin	2018-09	ug/L					< 0.0348		< 0.0344						
Dieldrin	2018-11	ug/L							**0.00301 J**						
Dieldrin	2019-04	ug/L										< 0.0352			
Dieldrin	2019-07	ug/L										< 0.0356			
Dieldrin	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Dieldrin	2022-04	ug/L													
Dieldrin	2023-05	ug/L								< 0.0711					
Dieldrin	2023-08	ug/L								< 0.0696					
Dieldrin	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Dieldrin	2024-02	ug/L								< 0.064					
Dieldrin	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Dieldrin	2024-05	ug/L				< 0.064									
Dieldrin	2024-10	ug/L			< 0.0919				< 0.0921						
Diethylphthalate	2009-04	ug/L			**1.78 J**	**3.43 J**	< 11.1	< 11.1			< 10.0				
Diethylphthalate	2009-07	ug/L							< 10.0						
Diethylphthalate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Diethylphthalate	2011-06	ug/L											< 10.0		
Diethylphthalate	2012-04	ug/L											< 10.0		
Diethylphthalate	2012-06	ug/L													
Diethylphthalate	2013-10	ug/L													
Diethylphthalate	2014-03	ug/L			< 10.5	**3.87 J**	< 11.5	< 11.5	**0.530 J**		< 11.4				
Diethylphthalate	2014-06	ug/L				**0.461 J**			**0.414 J**						
Diethylphthalate	2014-09	ug/L				**0.459 J**			**0.357 J**						
Diethylphthalate	2014-12	ug/L				**0.710 J**			< 11.5						
Diethylphthalate	2015-05	ug/L				< 10.2			< 10.4						< 11
Diethylphthalate	2015-10	ug/L													
Diethylphthalate	2016-01	ug/L													
Diethylphthalate	2016-04	ug/L													< 10.3
Diethylphthalate	2017-03	ug/L											< 10.1		
Diethylphthalate	2018-03	ug/L													
Diethylphthalate	2018-06	ug/L													
Diethylphthalate	2018-09	ug/L													
Diethylphthalate	2018-11	ug/L													
Diethylphthalate	2019-04	ug/L			< 10.4	**1.37 J**			< 10.5						
Diethylphthalate	2019-07	ug/L													
Diethylphthalate	2021-05	ug/L													< 10.9
Diethylphthalate	2022-04	ug/L											< 10		
Diethylphthalate	2023-05	ug/L								< 10.4					
Diethylphthalate	2023-08	ug/L								< 12.8					
Diethylphthalate	2023-11	ug/L								< 10.2					
Diethylphthalate	2024-02	ug/L								< 9.26					
Diethylphthalate	2024-04	ug/L													< 10
Diethylphthalate	2024-05	ug/L				< 10									
Diethylphthalate	2024-10	ug/L			< 10.4				< 10.4						
Dimethoate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Dimethoate	2009-07	ug/L							< 10.0						
Dimethoate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Dimethoate	2011-06	ug/L											< 10.0		
Dimethoate	2012-04	ug/L											< 10.0		
Dimethoate	2012-06	ug/L													
Dimethoate	2013-10	ug/L													
Dimethoate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Dimethoate	2015-10	ug/L													
Dimethoate	2016-01	ug/L													
Dimethoate	2016-04	ug/L													< 10.3
Dimethoate	2017-03	ug/L											< 10.1		
Dimethoate	2018-03	ug/L													
Dimethoate	2018-06	ug/L													
Dimethoate	2018-09	ug/L													
Dimethoate	2018-11	ug/L													
Dimethoate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Dimethoate	2019-07	ug/L													
Dimethoate	2021-05	ug/L													< 10.9
Dimethoate	2022-04	ug/L											< 10		

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Dieldrin	2024-05	ug/L													
Dieldrin	2024-10	ug/L													
Diethylphthalate	2009-04	ug/L													
Diethylphthalate	2009-07	ug/L													
Diethylphthalate	2010-04	ug/L													
Diethylphthalate	2011-06	ug/L													
Diethylphthalate	2012-04	ug/L													
Diethylphthalate	2012-06	ug/L					< 10.0		< 10.0						
Diethylphthalate	2013-10	ug/L					< 10.3		< 10.3						
Diethylphthalate	2014-03	ug/L													
Diethylphthalate	2014-06	ug/L													
Diethylphthalate	2014-09	ug/L													
Diethylphthalate	2014-12	ug/L													
Diethylphthalate	2015-05	ug/L		< 10	< 10							< 11	< 10.9		
Diethylphthalate	2015-10	ug/L									< 10				
Diethylphthalate	2016-01	ug/L									< 10.2	< 10			
Diethylphthalate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Diethylphthalate	2017-03	ug/L	< 10.4			< 10.4									
Diethylphthalate	2018-03	ug/L									< 10				
Diethylphthalate	2018-06	ug/L									< 10.8				
Diethylphthalate	2018-09	ug/L					< 10.9		< 54.3						
Diethylphthalate	2018-11	ug/L							< 10.9						
Diethylphthalate	2019-04	ug/L										< 11.1			
Diethylphthalate	2019-07	ug/L										< 10.8			
Diethylphthalate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Diethylphthalate	2022-04	ug/L													
Diethylphthalate	2023-05	ug/L								< 11.4					
Diethylphthalate	2023-08	ug/L								< 11.6					
Diethylphthalate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Diethylphthalate	2024-02	ug/L								< 10					
Diethylphthalate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Diethylphthalate	2024-05	ug/L													
Diethylphthalate	2024-10	ug/L													
Dimethoate	2009-04	ug/L													
Dimethoate	2009-07	ug/L													
Dimethoate	2010-04	ug/L													
Dimethoate	2011-06	ug/L													
Dimethoate	2012-04	ug/L													
Dimethoate	2012-06	ug/L					< 10.0		< 10.0						
Dimethoate	2013-10	ug/L					< 10.3		< 10.3						
Dimethoate	2014-03	ug/L													
Dimethoate	2015-10	ug/L									< 10				
Dimethoate	2016-01	ug/L									< 10.2	< 10			
Dimethoate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Dimethoate	2017-03	ug/L	< 10.4			< 10.4									
Dimethoate	2018-03	ug/L									< 10				
Dimethoate	2018-06	ug/L									< 10.8				
Dimethoate	2018-09	ug/L					< 10.9		< 54.3						
Dimethoate	2018-11	ug/L							< 10.9						
Dimethoate	2019-04	ug/L										< 11.1			
Dimethoate	2019-07	ug/L										< 10.8			
Dimethoate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Dimethoate	2022-04	ug/L													

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Dimethoate	2023-05	ug/L								< 10.4					
Dimethoate	2023-08	ug/L								< 12.8					
Dimethoate	2023-11	ug/L								< 10.2					
Dimethoate	2024-02	ug/L								< 9.26					
Dimethoate	2024-04	ug/L													< 10
Dimethoate	2024-05	ug/L				< 10									
Dimethoate	2024-10	ug/L			< 10.4				< 10.4						
Dimethylphthalate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Dimethylphthalate	2009-07	ug/L							< 10.0						
Dimethylphthalate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Dimethylphthalate	2011-06	ug/L											< 10.0		
Dimethylphthalate	2012-04	ug/L											< 10.0		
Dimethylphthalate	2012-06	ug/L													
Dimethylphthalate	2013-10	ug/L													
Dimethylphthalate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Dimethylphthalate	2015-10	ug/L													
Dimethylphthalate	2016-01	ug/L													
Dimethylphthalate	2016-04	ug/L													< 10.3
Dimethylphthalate	2017-03	ug/L											< 10.1		
Dimethylphthalate	2018-03	ug/L													
Dimethylphthalate	2018-06	ug/L													
Dimethylphthalate	2018-09	ug/L													
Dimethylphthalate	2018-11	ug/L													
Dimethylphthalate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Dimethylphthalate	2019-07	ug/L													
Dimethylphthalate	2021-05	ug/L													< 10.9
Dimethylphthalate	2022-04	ug/L											< 10		
Dimethylphthalate	2023-05	ug/L								< 10.4					
Dimethylphthalate	2023-08	ug/L								< 12.8					
Dimethylphthalate	2023-11	ug/L								< 10.2					
Dimethylphthalate	2024-02	ug/L								< 9.26					
Dimethylphthalate	2024-04	ug/L													< 10
Dimethylphthalate	2024-05	ug/L				< 10									
Dimethylphthalate	2024-10	ug/L			< 10.4				< 10.4						
Di-n-butylphthalate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Di-n-butylphthalate	2009-07	ug/L							< 10.0						
Di-n-butylphthalate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Di-n-butylphthalate	2011-06	ug/L											< 10.0		
Di-n-butylphthalate	2012-04	ug/L											< 10.0		
Di-n-butylphthalate	2012-06	ug/L													
Di-n-butylphthalate	2013-10	ug/L													
Di-n-butylphthalate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Di-n-butylphthalate	2015-10	ug/L													
Di-n-butylphthalate	2016-01	ug/L													
Di-n-butylphthalate	2016-04	ug/L													< 10.3
Di-n-butylphthalate	2017-03	ug/L											< 10.1		
Di-n-butylphthalate	2018-03	ug/L													
Di-n-butylphthalate	2018-06	ug/L													
Di-n-butylphthalate	2018-09	ug/L													
Di-n-butylphthalate	2018-11	ug/L													
Di-n-butylphthalate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Di-n-butylphthalate	2019-07	ug/L													
Di-n-butylphthalate	2021-05	ug/L													< 10.9

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Dimethoate	2023-05	ug/L								< 11.4					
Dimethoate	2023-08	ug/L								< 11.6					
Dimethoate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Dimethoate	2024-02	ug/L								< 10					
Dimethoate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Dimethoate	2024-05	ug/L													
Dimethoate	2024-10	ug/L													
Dimethylphthalate	2009-04	ug/L													
Dimethylphthalate	2009-07	ug/L													
Dimethylphthalate	2010-04	ug/L													
Dimethylphthalate	2011-06	ug/L													
Dimethylphthalate	2012-04	ug/L													
Dimethylphthalate	2012-06	ug/L					< 10.0		< 10.0						
Dimethylphthalate	2013-10	ug/L					< 10.3		< 10.3						
Dimethylphthalate	2014-03	ug/L													
Dimethylphthalate	2015-10	ug/L									< 10				
Dimethylphthalate	2016-01	ug/L									< 10.2	< 10			
Dimethylphthalate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Dimethylphthalate	2017-03	ug/L	< 10.4			< 10.4									
Dimethylphthalate	2018-03	ug/L									< 10				
Dimethylphthalate	2018-06	ug/L									< 10.8				
Dimethylphthalate	2018-09	ug/L					< 10.9		< 54.3						
Dimethylphthalate	2018-11	ug/L							< 10.9						
Dimethylphthalate	2019-04	ug/L										< 11.1			
Dimethylphthalate	2019-07	ug/L										< 10.8			
Dimethylphthalate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Dimethylphthalate	2022-04	ug/L													
Dimethylphthalate	2023-05	ug/L								< 11.4					
Dimethylphthalate	2023-08	ug/L								< 11.6					
Dimethylphthalate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Dimethylphthalate	2024-02	ug/L								< 10					
Dimethylphthalate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Dimethylphthalate	2024-05	ug/L													
Dimethylphthalate	2024-10	ug/L													
Di-n-butylphthalate	2009-04	ug/L													
Di-n-butylphthalate	2009-07	ug/L													
Di-n-butylphthalate	2010-04	ug/L													
Di-n-butylphthalate	2011-06	ug/L													
Di-n-butylphthalate	2012-04	ug/L													
Di-n-butylphthalate	2012-06	ug/L					< 10.0 J		< 10.0 J						
Di-n-butylphthalate	2013-10	ug/L					< 10.3		< 10.3						
Di-n-butylphthalate	2014-03	ug/L													
Di-n-butylphthalate	2015-10	ug/L									< 10				
Di-n-butylphthalate	2016-01	ug/L									< 10.2	< 10			
Di-n-butylphthalate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Di-n-butylphthalate	2017-03	ug/L	< 10.4			< 10.4									
Di-n-butylphthalate	2018-03	ug/L									< 10				
Di-n-butylphthalate	2018-06	ug/L									< 10.8				
Di-n-butylphthalate	2018-09	ug/L					< 10.9		< 54.3						
Di-n-butylphthalate	2018-11	ug/L							< 10.9						
Di-n-butylphthalate	2019-04	ug/L										< 11.1			
Di-n-butylphthalate	2019-07	ug/L										< 10.8			
Di-n-butylphthalate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		

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Di-n-butylphthalate	2022-04	ug/L											< 10		
Di-n-butylphthalate	2023-05	ug/L								< 10.4					
Di-n-butylphthalate	2023-08	ug/L								< 12.8					
Di-n-butylphthalate	2023-11	ug/L								< 10.2					
Di-n-butylphthalate	2024-02	ug/L								< 9.26					
Di-n-butylphthalate	2024-04	ug/L													< 10
Di-n-butylphthalate	2024-05	ug/L				< 10									
Di-n-butylphthalate	2024-10	ug/L			< 10.4				< 10.4						
Di-n-octylphthalate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Di-n-octylphthalate	2009-07	ug/L							< 10.0						
Di-n-octylphthalate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Di-n-octylphthalate	2011-06	ug/L											< 10.0		
Di-n-octylphthalate	2012-04	ug/L											< 10.0		
Di-n-octylphthalate	2012-06	ug/L													
Di-n-octylphthalate	2013-10	ug/L													
Di-n-octylphthalate	2014-03	ug/L			< 21.1	< 21.5	< 23.0	< 23.0	< 21.3		< 22.7				
Di-n-octylphthalate	2015-10	ug/L													
Di-n-octylphthalate	2016-01	ug/L													
Di-n-octylphthalate	2016-04	ug/L													< 20.6
Di-n-octylphthalate	2017-03	ug/L											< 20.2		
Di-n-octylphthalate	2018-03	ug/L													
Di-n-octylphthalate	2018-06	ug/L													
Di-n-octylphthalate	2018-09	ug/L													
Di-n-octylphthalate	2018-11	ug/L													
Di-n-octylphthalate	2019-04	ug/L			< 20.8	< 21.7			< 21.1						
Di-n-octylphthalate	2019-07	ug/L													
Di-n-octylphthalate	2021-05	ug/L													< 21.7
Di-n-octylphthalate	2022-04	ug/L											< 20		
Di-n-octylphthalate	2023-05	ug/L								< 20.8					
Di-n-octylphthalate	2023-08	ug/L								< 25.6					
Di-n-octylphthalate	2023-11	ug/L								< 20.4					
Di-n-octylphthalate	2024-02	ug/L								< 18.5					
Di-n-octylphthalate	2024-04	ug/L													< 20
Di-n-octylphthalate	2024-05	ug/L				< 20									
Di-n-octylphthalate	2024-10	ug/L			< 20.8				< 20.8						
Dinoseb	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Dinoseb	2009-07	ug/L							< 10.0						
Dinoseb	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Dinoseb	2011-06	ug/L											< 10.0		
Dinoseb	2012-04	ug/L											< 10.0		
Dinoseb	2012-06	ug/L													
Dinoseb	2013-10	ug/L													
Dinoseb	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Dinoseb	2015-10	ug/L													
Dinoseb	2016-01	ug/L													
Dinoseb	2016-04	ug/L													< 10.3
Dinoseb	2017-03	ug/L											< 10.1		
Dinoseb	2018-03	ug/L													
Dinoseb	2018-06	ug/L													
Dinoseb	2018-09	ug/L													
Dinoseb	2018-11	ug/L													
Dinoseb	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Dinoseb	2019-07	ug/L													

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Di-n-butylphthalate	2022-04	ug/L													
Di-n-butylphthalate	2023-05	ug/L								< 11.4					
Di-n-butylphthalate	2023-08	ug/L								< 11.6					
Di-n-butylphthalate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Di-n-butylphthalate	2024-02	ug/L								< 10					
Di-n-butylphthalate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Di-n-butylphthalate	2024-05	ug/L													
Di-n-butylphthalate	2024-10	ug/L													
Di-n-octylphthalate	2009-04	ug/L													
Di-n-octylphthalate	2009-07	ug/L													
Di-n-octylphthalate	2010-04	ug/L													
Di-n-octylphthalate	2011-06	ug/L													
Di-n-octylphthalate	2012-04	ug/L													
Di-n-octylphthalate	2012-06	ug/L					< 10.0		< 10.0						
Di-n-octylphthalate	2013-10	ug/L					< 20.6		< 20.6						
Di-n-octylphthalate	2014-03	ug/L													
Di-n-octylphthalate	2015-10	ug/L									< 20				
Di-n-octylphthalate	2016-01	ug/L									< 20.4	< 20			
Di-n-octylphthalate	2016-04	ug/L		< 20	< 20						< 20	< 20	< 20 J		
Di-n-octylphthalate	2017-03	ug/L	< 20.8			< 20.8									
Di-n-octylphthalate	2018-03	ug/L									< 20				
Di-n-octylphthalate	2018-06	ug/L									< 21.5				
Di-n-octylphthalate	2018-09	ug/L					< 21.7		< 109						
Di-n-octylphthalate	2018-11	ug/L							< 21.7						
Di-n-octylphthalate	2019-04	ug/L										< 22.2			
Di-n-octylphthalate	2019-07	ug/L										< 21.5			
Di-n-octylphthalate	2021-05	ug/L	< 21.7	< 22.2	< 21.3	< 21.7							< 23.3		
Di-n-octylphthalate	2022-04	ug/L													
Di-n-octylphthalate	2023-05	ug/L								< 22.7					
Di-n-octylphthalate	2023-08	ug/L								< 23.3					
Di-n-octylphthalate	2023-11	ug/L							< 20.8	< 20.8	< 20.4				
Di-n-octylphthalate	2024-02	ug/L								< 20					
Di-n-octylphthalate	2024-04	ug/L	< 20	< 20	< 20.8	< 20	< 20						< 20		
Di-n-octylphthalate	2024-05	ug/L													
Di-n-octylphthalate	2024-10	ug/L													
Dinoseb	2009-04	ug/L													
Dinoseb	2009-07	ug/L													
Dinoseb	2010-04	ug/L													
Dinoseb	2011-06	ug/L													
Dinoseb	2012-04	ug/L													
Dinoseb	2012-06	ug/L					< 10.0		< 10.0						
Dinoseb	2013-10	ug/L					< 10.3		< 10.3						
Dinoseb	2014-03	ug/L													
Dinoseb	2015-10	ug/L									< 10				
Dinoseb	2016-01	ug/L									< 10.2	< 10			
Dinoseb	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Dinoseb	2017-03	ug/L	< 10.4			< 10.4									
Dinoseb	2018-03	ug/L									< 10				
Dinoseb	2018-06	ug/L									< 10.8				
Dinoseb	2018-09	ug/L					< 10.9		< 54.3						
Dinoseb	2018-11	ug/L							< 10.9						
Dinoseb	2019-04	ug/L										< 11.1			
Dinoseb	2019-07	ug/L										< 10.8			

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Dinoseb	2021-05	ug/L													< 10.9
Dinoseb	2022-04	ug/L											< 10		
Dinoseb	2023-05	ug/L								< 10.4					
Dinoseb	2023-08	ug/L								< 12.8					
Dinoseb	2023-11	ug/L								< 10.2					
Dinoseb	2024-02	ug/L								< 9.26					
Dinoseb	2024-04	ug/L													< 10
Dinoseb	2024-05	ug/L				< 10									
Dinoseb	2024-10	ug/L			< 10.4				< 10.4						
Diphenylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Diphenylamine	2009-07	ug/L							< 10.0						
Diphenylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Diphenylamine	2011-06	ug/L											< 10.0		
Diphenylamine	2012-04	ug/L											< 10.0		
Diphenylamine	2012-06	ug/L													
Diphenylamine	2013-10	ug/L													
Diphenylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Diphenylamine	2015-10	ug/L													
Diphenylamine	2016-01	ug/L													
Diphenylamine	2016-04	ug/L													< 10.3
Diphenylamine	2017-03	ug/L											< 10.1		
Diphenylamine	2018-03	ug/L													
Diphenylamine	2018-06	ug/L													
Diphenylamine	2018-09	ug/L													
Diphenylamine	2018-11	ug/L													
Diphenylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Diphenylamine	2019-07	ug/L													
Diphenylamine	2021-05	ug/L													< 10.9
Diphenylamine	2022-04	ug/L											< 10		
Diphenylamine	2023-05	ug/L								< 10.4					
Diphenylamine	2023-08	ug/L								< 12.8					
Diphenylamine	2023-11	ug/L								< 10.2					
Diphenylamine	2024-02	ug/L								< 9.26					
Diphenylamine	2024-04	ug/L													< 10
Diphenylamine	2024-05	ug/L				< 10									
Diphenylamine	2024-10	ug/L			< 10.4				< 10.4						
Disulfoton	2009-04	ug/L			< 70.0	< 70.0	< 77.8	< 77.8			< 70.0				
Disulfoton	2009-07	ug/L							< 10.0						
Disulfoton	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Disulfoton	2011-06	ug/L											< 10.0		
Disulfoton	2012-04	ug/L											< 10.0		
Disulfoton	2012-06	ug/L													
Disulfoton	2013-10	ug/L													
Disulfoton	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Disulfoton	2015-10	ug/L													
Disulfoton	2016-01	ug/L													
Disulfoton	2016-04	ug/L													< 10.3
Disulfoton	2017-03	ug/L											< 10.1		
Disulfoton	2018-03	ug/L													
Disulfoton	2018-06	ug/L													
Disulfoton	2018-09	ug/L													
Disulfoton	2018-11	ug/L													
Disulfoton	2019-04	ug/L			< 10.4	< 10.9			< 10.5						

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Dinoseb	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Dinoseb	2022-04	ug/L													
Dinoseb	2023-05	ug/L								< 11.4					
Dinoseb	2023-08	ug/L								< 11.6					
Dinoseb	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Dinoseb	2024-02	ug/L								< 10					
Dinoseb	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Dinoseb	2024-05	ug/L													
Dinoseb	2024-10	ug/L													
Diphenylamine	2009-04	ug/L													
Diphenylamine	2009-07	ug/L													
Diphenylamine	2010-04	ug/L													
Diphenylamine	2011-06	ug/L													
Diphenylamine	2012-04	ug/L													
Diphenylamine	2012-06	ug/L					< 10.0		< 10.0						
Diphenylamine	2013-10	ug/L					< 10.3		< 10.3						
Diphenylamine	2014-03	ug/L													
Diphenylamine	2015-10	ug/L									< 10				
Diphenylamine	2016-01	ug/L									< 10.2	< 10			
Diphenylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Diphenylamine	2017-03	ug/L	< 10.4			< 10.4									
Diphenylamine	2018-03	ug/L									< 10				
Diphenylamine	2018-06	ug/L									< 10.8				
Diphenylamine	2018-09	ug/L					< 10.9		< 54.3						
Diphenylamine	2018-11	ug/L							< 10.9						
Diphenylamine	2019-04	ug/L										< 11.1			
Diphenylamine	2019-07	ug/L										< 10.8			
Diphenylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Diphenylamine	2022-04	ug/L													
Diphenylamine	2023-05	ug/L								< 11.4					
Diphenylamine	2023-08	ug/L								< 11.6					
Diphenylamine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Diphenylamine	2024-02	ug/L								< 10					
Diphenylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Diphenylamine	2024-05	ug/L													
Diphenylamine	2024-10	ug/L													
Disulfoton	2009-04	ug/L													
Disulfoton	2009-07	ug/L													
Disulfoton	2010-04	ug/L													
Disulfoton	2011-06	ug/L													
Disulfoton	2012-04	ug/L													
Disulfoton	2012-06	ug/L					< 10.0		< 10.0						
Disulfoton	2013-10	ug/L					< 10.3		< 10.3						
Disulfoton	2014-03	ug/L													
Disulfoton	2015-10	ug/L									< 10				
Disulfoton	2016-01	ug/L									< 10.2	< 10			
Disulfoton	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Disulfoton	2017-03	ug/L	< 10.4			< 10.4									
Disulfoton	2018-03	ug/L									< 10				
Disulfoton	2018-06	ug/L									< 10.8				
Disulfoton	2018-09	ug/L					< 10.9		< 54.3						
Disulfoton	2018-11	ug/L							< 10.9						
Disulfoton	2019-04	ug/L										< 11.1			

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Disulfoton	2019-07	ug/L													
Disulfoton	2021-05	ug/L													< 10.9
Disulfoton	2022-04	ug/L											< 10		
Disulfoton	2023-05	ug/L								< 10.4					
Disulfoton	2023-08	ug/L								< 12.8					
Disulfoton	2023-11	ug/L								< 10.2					
Disulfoton	2024-02	ug/L								< 9.26					
Disulfoton	2024-04	ug/L													< 10
Disulfoton	2024-05	ug/L				< 10									
Disulfoton	2024-10	ug/L			< 10.4				< 10.4						
Endosulfan I	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Endosulfan I	2009-07	ug/L							< 0.0320						
Endosulfan I	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Endosulfan I	2011-06	ug/L											< 0.0320		
Endosulfan I	2012-04	ug/L											< 0.0320		
Endosulfan I	2012-06	ug/L													
Endosulfan I	2013-10	ug/L													
Endosulfan I	2013-12	ug/L													
Endosulfan I	2014-03	ug/L			< 0.0352	< 0.0337	**0.00751 J**	**0.0144 J**	**0.0106 J**		< 0.0337				
Endosulfan I	2014-06	ug/L					< 0.0330	< 0.0333	< 0.0344						
Endosulfan I	2014-09	ug/L					< 0.0372	< 0.0356	< 0.0352						
Endosulfan I	2014-12	ug/L					< 0.0348	< 0.0352	< 0.0333						
Endosulfan I	2015-05	ug/L					< 0.0348	< 0.0348	< 0.0337						< 0.0337
Endosulfan I	2015-10	ug/L													
Endosulfan I	2016-01	ug/L													
Endosulfan I	2016-04	ug/L													< 0.0327
Endosulfan I	2017-03	ug/L											< 0.16		
Endosulfan I	2018-03	ug/L													
Endosulfan I	2018-06	ug/L													
Endosulfan I	2018-09	ug/L													
Endosulfan I	2018-11	ug/L													
Endosulfan I	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
Endosulfan I	2019-07	ug/L													
Endosulfan I	2021-05	ug/L													< 0.0395
Endosulfan I	2022-04	ug/L											< 0.0696		
Endosulfan I	2023-05	ug/L								< 0.0681					
Endosulfan I	2023-08	ug/L								< 0.0744					
Endosulfan I	2023-11	ug/L								< 0.0667					
Endosulfan I	2024-02	ug/L								< 0.0593					
Endosulfan I	2024-04	ug/L													< 0.064
Endosulfan I	2024-05	ug/L				< 0.064									
Endosulfan I	2024-10	ug/L			< 0.0919				< 0.0921						
Endosulfan II	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Endosulfan II	2009-07	ug/L							< 0.0320						
Endosulfan II	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Endosulfan II	2011-06	ug/L											< 0.0320		
Endosulfan II	2012-04	ug/L											**0.00240 J**		
Endosulfan II	2012-06	ug/L													
Endosulfan II	2012-08	ug/L											< 0.0320		
Endosulfan II	2012-10	ug/L											**0.00385 J**		
Endosulfan II	2013-01	ug/L											< 0.0337		
Endosulfan II	2013-10	ug/L													
Endosulfan II	2014-03	ug/L			< 0.0352	**0.00861 J**	< 0.0360	< 0.0364	**0.00679 J**		< 0.0337				

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Disulfoton	2019-07	ug/L										< 10.8			
Disulfoton	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Disulfoton	2022-04	ug/L													
Disulfoton	2023-05	ug/L								< 11.4					
Disulfoton	2023-08	ug/L								< 11.6					
Disulfoton	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Disulfoton	2024-02	ug/L								< 10					
Disulfoton	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Disulfoton	2024-05	ug/L													
Disulfoton	2024-10	ug/L													
Endosulfan I	2009-04	ug/L													
Endosulfan I	2009-07	ug/L													
Endosulfan I	2010-04	ug/L													
Endosulfan I	2011-06	ug/L													
Endosulfan I	2012-04	ug/L													
Endosulfan I	2012-06	ug/L					< 0.0320		< 0.0320						
Endosulfan I	2013-10	ug/L					**0.00343 J**		**0.00248 J**						
Endosulfan I	2013-12	ug/L					< 0.0327 J		< 0.0327 J						
Endosulfan I	2014-03	ug/L					< 0.0352		< 0.0340						
Endosulfan I	2014-06	ug/L					< 0.0330		< 0.0356						
Endosulfan I	2014-09	ug/L													
Endosulfan I	2014-12	ug/L													
Endosulfan I	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
Endosulfan I	2015-10	ug/L									< 0.162				
Endosulfan I	2016-01	ug/L									< 0.032	< 0.032			
Endosulfan I	2016-04	ug/L		**0.00495 J**	< 0.032						< 0.032	< 0.032	< 0.0323		
Endosulfan I	2017-03	ug/L	< 0.0323			< 0.0337									
Endosulfan I	2018-03	ug/L									< 0.032				
Endosulfan I	2018-06	ug/L									< 0.0364				
Endosulfan I	2018-09	ug/L					< 0.0348		**0.00255 J**						
Endosulfan I	2018-11	ug/L							**0.00249 J**						
Endosulfan I	2019-04	ug/L										< 0.0352			
Endosulfan I	2019-07	ug/L										< 0.0356			
Endosulfan I	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Endosulfan I	2022-04	ug/L													
Endosulfan I	2023-05	ug/L								< 0.0711					
Endosulfan I	2023-08	ug/L								< 0.0696					
Endosulfan I	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Endosulfan I	2024-02	ug/L								< 0.064					
Endosulfan I	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Endosulfan I	2024-05	ug/L													
Endosulfan I	2024-10	ug/L													
Endosulfan II	2009-04	ug/L													
Endosulfan II	2009-07	ug/L													
Endosulfan II	2010-04	ug/L													
Endosulfan II	2011-06	ug/L													
Endosulfan II	2012-04	ug/L													
Endosulfan II	2012-06	ug/L					< 0.0320		< 0.0320						
Endosulfan II	2012-08	ug/L													
Endosulfan II	2012-10	ug/L													
Endosulfan II	2013-01	ug/L													
Endosulfan II	2013-10	ug/L					< 0.0327		< 0.0327						
Endosulfan II	2014-03	ug/L													

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Endosulfan II	2014-06	ug/L				< 0.0333			**0.00433 J**						
Endosulfan II	2014-09	ug/L				< 0.0356			**0.00585 J**						
Endosulfan II	2014-12	ug/L				**0.00230 J**			**0.00346 J**						
Endosulfan II	2015-05	ug/L				< 0.0333			< 0.0337						< 0.0337
Endosulfan II	2015-10	ug/L													
Endosulfan II	2016-01	ug/L													
Endosulfan II	2016-04	ug/L													< 0.0327
Endosulfan II	2017-03	ug/L											< 0.16		
Endosulfan II	2018-03	ug/L													
Endosulfan II	2018-06	ug/L													
Endosulfan II	2018-09	ug/L													
Endosulfan II	2018-11	ug/L													
Endosulfan II	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
Endosulfan II	2019-07	ug/L													
Endosulfan II	2021-05	ug/L													< 0.0395
Endosulfan II	2022-04	ug/L											< 0.0696		
Endosulfan II	2023-05	ug/L								< 0.0681					
Endosulfan II	2023-08	ug/L								< 0.0744					
Endosulfan II	2023-11	ug/L								< 0.0667					
Endosulfan II	2024-02	ug/L								< 0.0593					
Endosulfan II	2024-04	ug/L													< 0.064
Endosulfan II	2024-05	ug/L				< 0.064									
Endosulfan II	2024-10	ug/L			< 0.0919				< 0.0921						
Endosulfan Sulfate	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Endosulfan Sulfate	2009-07	ug/L							< 0.0320						
Endosulfan Sulfate	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Endosulfan Sulfate	2011-06	ug/L											< 0.0320		
Endosulfan Sulfate	2012-04	ug/L											< 0.0320		
Endosulfan Sulfate	2012-06	ug/L													
Endosulfan Sulfate	2013-10	ug/L													
Endosulfan Sulfate	2014-03	ug/L			< 0.0352	< 0.0337	< 0.0360	< 0.0364	< 0.0340		< 0.0337				
Endosulfan Sulfate	2015-10	ug/L													
Endosulfan Sulfate	2016-01	ug/L													
Endosulfan Sulfate	2016-04	ug/L													< 0.0327
Endosulfan Sulfate	2017-03	ug/L											< 0.16		
Endosulfan Sulfate	2018-03	ug/L													
Endosulfan Sulfate	2018-06	ug/L													
Endosulfan Sulfate	2018-09	ug/L													
Endosulfan Sulfate	2018-11	ug/L													
Endosulfan Sulfate	2019-04	ug/L			< 0.0352	< 0.0348			**0.00697 J**						
Endosulfan Sulfate	2019-07	ug/L													
Endosulfan Sulfate	2021-05	ug/L													< 0.0395
Endosulfan Sulfate	2022-04	ug/L											< 0.0696		
Endosulfan Sulfate	2023-05	ug/L								< 0.0681					
Endosulfan Sulfate	2023-08	ug/L								< 0.0744					
Endosulfan Sulfate	2023-11	ug/L								< 0.0667					
Endosulfan Sulfate	2024-02	ug/L								< 0.0593					
Endosulfan Sulfate	2024-04	ug/L													< 0.064
Endosulfan Sulfate	2024-05	ug/L				< 0.064									
Endosulfan Sulfate	2024-10	ug/L			< 0.0919				< 0.0921						
Endrin	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Endrin	2009-07	ug/L							< 0.0320						
Endrin	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				

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Endosulfan II	2014-06	ug/L													
Endosulfan II	2014-09	ug/L													
Endosulfan II	2014-12	ug/L													
Endosulfan II	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
Endosulfan II	2015-10	ug/L									< 0.162				
Endosulfan II	2016-01	ug/L									< 0.032	< 0.032			
Endosulfan II	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Endosulfan II	2017-03	ug/L	**0.00206 J**			< 0.0337									
Endosulfan II	2018-03	ug/L									< 0.032				
Endosulfan II	2018-06	ug/L									< 0.0364				
Endosulfan II	2018-09	ug/L					< 0.0348		< 0.0344						
Endosulfan II	2018-11	ug/L							< 0.0333						
Endosulfan II	2019-04	ug/L										< 0.0352			
Endosulfan II	2019-07	ug/L										< 0.0356			
Endosulfan II	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Endosulfan II	2022-04	ug/L													
Endosulfan II	2023-05	ug/L								< 0.0711					
Endosulfan II	2023-08	ug/L								< 0.0696					
Endosulfan II	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Endosulfan II	2024-02	ug/L								< 0.064					
Endosulfan II	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Endosulfan II	2024-05	ug/L													
Endosulfan II	2024-10	ug/L													
Endosulfan Sulfate	2009-04	ug/L													
Endosulfan Sulfate	2009-07	ug/L													
Endosulfan Sulfate	2010-04	ug/L													
Endosulfan Sulfate	2011-06	ug/L													
Endosulfan Sulfate	2012-04	ug/L													
Endosulfan Sulfate	2012-06	ug/L					< 0.0320		< 0.0320						
Endosulfan Sulfate	2013-10	ug/L					< 0.0327		< 0.0327						
Endosulfan Sulfate	2014-03	ug/L													
Endosulfan Sulfate	2015-10	ug/L									< 0.162				
Endosulfan Sulfate	2016-01	ug/L									< 0.032	< 0.032			
Endosulfan Sulfate	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Endosulfan Sulfate	2017-03	ug/L	< 0.0323			< 0.0337									
Endosulfan Sulfate	2018-03	ug/L									< 0.032				
Endosulfan Sulfate	2018-06	ug/L									< 0.0364				
Endosulfan Sulfate	2018-09	ug/L					**0.00279 J**		< 0.0344						
Endosulfan Sulfate	2018-11	ug/L							< 0.0333						
Endosulfan Sulfate	2019-04	ug/L										< 0.0352			
Endosulfan Sulfate	2019-07	ug/L										< 0.0356			
Endosulfan Sulfate	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Endosulfan Sulfate	2022-04	ug/L													
Endosulfan Sulfate	2023-05	ug/L								< 0.0711					
Endosulfan Sulfate	2023-08	ug/L								< 0.0696					
Endosulfan Sulfate	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Endosulfan Sulfate	2024-02	ug/L								< 0.064					
Endosulfan Sulfate	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Endosulfan Sulfate	2024-05	ug/L													
Endosulfan Sulfate	2024-10	ug/L													
Endrin	2009-04	ug/L													
Endrin	2009-07	ug/L													
Endrin	2010-04	ug/L													

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Endrin	2011-06	ug/L											< 0.0320		
Endrin	2012-04	ug/L											< 0.0320		
Endrin	2012-06	ug/L													
Endrin	2012-08	ug/L													
Endrin	2012-10	ug/L													
Endrin	2013-01	ug/L													
Endrin	2013-04	ug/L													
Endrin	2013-10	ug/L													
Endrin	2014-03	ug/L			< 0.0352	< 0.0337	< 0.0360	< 0.0364	< 0.0340		< 0.0337				
Endrin	2015-10	ug/L													
Endrin	2016-01	ug/L													
Endrin	2016-04	ug/L													< 0.0327
Endrin	2017-03	ug/L											< 0.16		
Endrin	2018-03	ug/L													
Endrin	2018-06	ug/L													
Endrin	2018-09	ug/L													
Endrin	2018-11	ug/L													
Endrin	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
Endrin	2019-07	ug/L													
Endrin	2021-05	ug/L													< 0.0395
Endrin	2022-04	ug/L											< 0.0696		
Endrin	2023-05	ug/L								< 0.0681					
Endrin	2023-08	ug/L								< 0.0744					
Endrin	2023-11	ug/L								< 0.0667					
Endrin	2024-02	ug/L								< 0.0593					
Endrin	2024-04	ug/L													< 0.064
Endrin	2024-05	ug/L				< 0.064									
Endrin	2024-10	ug/L			< 0.0919				< 0.0921						
Endrin Aldehyde	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Endrin Aldehyde	2009-07	ug/L							< 0.0320						
Endrin Aldehyde	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Endrin Aldehyde	2011-06	ug/L											< 0.0320		
Endrin Aldehyde	2012-04	ug/L											< 0.0320 J		
Endrin Aldehyde	2012-06	ug/L													
Endrin Aldehyde	2013-10	ug/L													
Endrin Aldehyde	2014-03	ug/L			< 0.0352	< 0.0337	**0.0293 J**	**0.0266 J**	**0.0132 J**		**0.0124 J**				
Endrin Aldehyde	2014-06	ug/L					< 0.0330	< 0.0333	< 0.0344		< 0.0340				
Endrin Aldehyde	2014-09	ug/L					< 0.0372	< 0.0356	< 0.0352		< 0.0360 J				
Endrin Aldehyde	2014-12	ug/L					< 0.0348	< 0.0352	< 0.0333		< 0.0368				
Endrin Aldehyde	2015-05	ug/L					< 0.0348	< 0.0348	< 0.0337		< 0.032				< 0.0337
Endrin Aldehyde	2015-10	ug/L													
Endrin Aldehyde	2016-01	ug/L													
Endrin Aldehyde	2016-04	ug/L													< 0.0327
Endrin Aldehyde	2017-03	ug/L											< 0.16		
Endrin Aldehyde	2018-03	ug/L													
Endrin Aldehyde	2018-06	ug/L													
Endrin Aldehyde	2018-09	ug/L													
Endrin Aldehyde	2018-11	ug/L													
Endrin Aldehyde	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
Endrin Aldehyde	2019-07	ug/L													
Endrin Aldehyde	2021-05	ug/L													< 0.0395
Endrin Aldehyde	2022-04	ug/L											< 0.0696		
Endrin Aldehyde	2023-05	ug/L								< 0.0681					

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Endrin	2011-06	ug/L													
Endrin	2012-04	ug/L													
Endrin	2012-06	ug/L					**0.00947 J**		< 0.0320						
Endrin	2012-08	ug/L					< 0.0320								
Endrin	2012-10	ug/L					< 0.0320								
Endrin	2013-01	ug/L					**0.00266 J**								
Endrin	2013-04	ug/L					**0.00405 J**								
Endrin	2013-10	ug/L					**0.00259 J**		< 0.0327						
Endrin	2014-03	ug/L													
Endrin	2015-10	ug/L									< 0.162				
Endrin	2016-01	ug/L									**0.00381 J**	< 0.032			
Endrin	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Endrin	2017-03	ug/L	< 0.0323			< 0.0337									
Endrin	2018-03	ug/L									< 0.032				
Endrin	2018-06	ug/L									< 0.0364				
Endrin	2018-09	ug/L					< 0.0348		< 0.0344						
Endrin	2018-11	ug/L							< 0.0333						
Endrin	2019-04	ug/L										< 0.0352			
Endrin	2019-07	ug/L										< 0.0356			
Endrin	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Endrin	2022-04	ug/L													
Endrin	2023-05	ug/L								< 0.0711					
Endrin	2023-08	ug/L								< 0.0696					
Endrin	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Endrin	2024-02	ug/L								< 0.064					
Endrin	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Endrin	2024-05	ug/L													
Endrin	2024-10	ug/L													
Endrin Aldehyde	2009-04	ug/L													
Endrin Aldehyde	2009-07	ug/L													
Endrin Aldehyde	2010-04	ug/L													
Endrin Aldehyde	2011-06	ug/L													
Endrin Aldehyde	2012-04	ug/L													
Endrin Aldehyde	2012-06	ug/L					< 0.0320 J		< 0.0320 J						
Endrin Aldehyde	2013-10	ug/L					< 0.0327		< 0.0327						
Endrin Aldehyde	2014-03	ug/L													
Endrin Aldehyde	2014-06	ug/L													
Endrin Aldehyde	2014-09	ug/L													
Endrin Aldehyde	2014-12	ug/L													
Endrin Aldehyde	2015-05	ug/L		< 0.032	**0.0119 J**							< 0.032	< 0.032		
Endrin Aldehyde	2015-10	ug/L									< 0.162				
Endrin Aldehyde	2016-01	ug/L									**0.00878 J**	< 0.032			
Endrin Aldehyde	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Endrin Aldehyde	2017-03	ug/L	< 0.0323			< 0.0337									
Endrin Aldehyde	2018-03	ug/L									< 0.032				
Endrin Aldehyde	2018-06	ug/L									< 0.0364				
Endrin Aldehyde	2018-09	ug/L					< 0.0348		< 0.0344						
Endrin Aldehyde	2018-11	ug/L							< 0.0333						
Endrin Aldehyde	2019-04	ug/L										< 0.0352			
Endrin Aldehyde	2019-07	ug/L										< 0.0356			
Endrin Aldehyde	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Endrin Aldehyde	2022-04	ug/L													
Endrin Aldehyde	2023-05	ug/L								< 0.0711					

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Endrin Aldehyde	2023-08	ug/L								< 0.0744					
Endrin Aldehyde	2023-11	ug/L								< 0.0667					
Endrin Aldehyde	2024-02	ug/L								< 0.0593					
Endrin Aldehyde	2024-04	ug/L													< 0.064
Endrin Aldehyde	2024-05	ug/L				< 0.064									
Endrin Aldehyde	2024-10	ug/L			< 0.0919				< 0.0921						
Ethyl Methacrylate	2009-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				
Ethyl Methacrylate	2009-07	ug/L							< 2.00						
Ethyl Methacrylate	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		< 4.00				
Ethyl Methacrylate	2011-06	ug/L											< 2.00		
Ethyl Methacrylate	2012-04	ug/L											< 2.00		
Ethyl Methacrylate	2012-06	ug/L													
Ethyl Methacrylate	2013-10	ug/L													
Ethyl Methacrylate	2014-03	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		< 2.00				
Ethyl Methacrylate	2015-10	ug/L													
Ethyl Methacrylate	2016-01	ug/L													
Ethyl Methacrylate	2016-04	ug/L													< 2
Ethyl Methacrylate	2017-03	ug/L											< 2		
Ethyl Methacrylate	2018-03	ug/L													
Ethyl Methacrylate	2018-06	ug/L													
Ethyl Methacrylate	2018-09	ug/L													
Ethyl Methacrylate	2018-11	ug/L													
Ethyl Methacrylate	2019-04	ug/L			< 2	< 2			< 2						
Ethyl Methacrylate	2019-07	ug/L													
Ethyl Methacrylate	2021-05	ug/L													< 2
Ethyl Methacrylate	2022-04	ug/L											< 2		
Ethyl Methacrylate	2023-05	ug/L								< 2					
Ethyl Methacrylate	2023-08	ug/L								< 2					
Ethyl Methacrylate	2023-11	ug/L								< 2					
Ethyl Methacrylate	2024-02	ug/L								< 2					
Ethyl Methacrylate	2024-04	ug/L													< 2
Ethyl Methacrylate	2024-05	ug/L				< 2									
Ethyl Methacrylate	2024-10	ug/L			< 2				< 2						
Ethyl Methanesulfonate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Ethyl Methanesulfonate	2009-07	ug/L							< 10.0						
Ethyl Methanesulfonate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Ethyl Methanesulfonate	2011-06	ug/L											< 10.0		
Ethyl Methanesulfonate	2012-04	ug/L											< 10.0		
Ethyl Methanesulfonate	2012-06	ug/L													
Ethyl Methanesulfonate	2013-10	ug/L													
Ethyl Methanesulfonate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Ethyl Methanesulfonate	2015-10	ug/L													
Ethyl Methanesulfonate	2016-01	ug/L													
Ethyl Methanesulfonate	2016-04	ug/L													< 10.3
Ethyl Methanesulfonate	2017-03	ug/L											< 10.1		
Ethyl Methanesulfonate	2018-03	ug/L													
Ethyl Methanesulfonate	2018-06	ug/L													
Ethyl Methanesulfonate	2018-09	ug/L													
Ethyl Methanesulfonate	2018-11	ug/L													
Ethyl Methanesulfonate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Ethyl Methanesulfonate	2019-07	ug/L													
Ethyl Methanesulfonate	2021-05	ug/L													< 10.9
Ethyl Methanesulfonate	2022-04	ug/L											< 10		

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Endrin Aldehyde	2023-08	ug/L								< 0.0696					
Endrin Aldehyde	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Endrin Aldehyde	2024-02	ug/L								< 0.064					
Endrin Aldehyde	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Endrin Aldehyde	2024-05	ug/L													
Endrin Aldehyde	2024-10	ug/L													
Ethyl Methacrylate	2009-04	ug/L													
Ethyl Methacrylate	2009-07	ug/L													
Ethyl Methacrylate	2010-04	ug/L													
Ethyl Methacrylate	2011-06	ug/L													
Ethyl Methacrylate	2012-04	ug/L													
Ethyl Methacrylate	2012-06	ug/L					< 2.00		< 2.00						
Ethyl Methacrylate	2013-10	ug/L					< 2.00		< 2.00						
Ethyl Methacrylate	2014-03	ug/L													
Ethyl Methacrylate	2015-10	ug/L									< 2				
Ethyl Methacrylate	2016-01	ug/L									< 2	< 2			
Ethyl Methacrylate	2016-04	ug/L		< 2	< 2						< 2	< 2	< 2		
Ethyl Methacrylate	2017-03	ug/L	< 2			< 2									
Ethyl Methacrylate	2018-03	ug/L									< 2				
Ethyl Methacrylate	2018-06	ug/L									< 2				
Ethyl Methacrylate	2018-09	ug/L					< 2		< 2						
Ethyl Methacrylate	2018-11	ug/L							< 2						
Ethyl Methacrylate	2019-04	ug/L										< 2			
Ethyl Methacrylate	2019-07	ug/L										< 2			
Ethyl Methacrylate	2021-05	ug/L	< 2	< 2	< 2	< 2							< 2		
Ethyl Methacrylate	2022-04	ug/L													
Ethyl Methacrylate	2023-05	ug/L								< 2					
Ethyl Methacrylate	2023-08	ug/L								< 2					
Ethyl Methacrylate	2023-11	ug/L							< 2	< 2	< 2				
Ethyl Methacrylate	2024-02	ug/L								< 2					
Ethyl Methacrylate	2024-04	ug/L	< 2	< 2	< 2	< 2	< 2						< 2		
Ethyl Methacrylate	2024-05	ug/L													
Ethyl Methacrylate	2024-10	ug/L													
Ethyl Methanesulfonate	2009-04	ug/L													
Ethyl Methanesulfonate	2009-07	ug/L													
Ethyl Methanesulfonate	2010-04	ug/L													
Ethyl Methanesulfonate	2011-06	ug/L													
Ethyl Methanesulfonate	2012-04	ug/L													
Ethyl Methanesulfonate	2012-06	ug/L					< 10.0		< 10.0						
Ethyl Methanesulfonate	2013-10	ug/L					< 10.3		< 10.3						
Ethyl Methanesulfonate	2014-03	ug/L													
Ethyl Methanesulfonate	2015-10	ug/L									< 10				
Ethyl Methanesulfonate	2016-01	ug/L									< 10.2	< 10			
Ethyl Methanesulfonate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Ethyl Methanesulfonate	2017-03	ug/L	< 10.4			< 10.4									
Ethyl Methanesulfonate	2018-03	ug/L									< 10				
Ethyl Methanesulfonate	2018-06	ug/L									< 10.8				
Ethyl Methanesulfonate	2018-09	ug/L					< 10.9		< 54.3						
Ethyl Methanesulfonate	2018-11	ug/L							< 10.9						
Ethyl Methanesulfonate	2019-04	ug/L										< 11.1			
Ethyl Methanesulfonate	2019-07	ug/L										< 10.8			
Ethyl Methanesulfonate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Ethyl Methanesulfonate	2022-04	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Ethyl Methanesulfonate	2023-05	ug/L								< 10.4					
Ethyl Methanesulfonate	2023-08	ug/L								< 12.8					
Ethyl Methanesulfonate	2023-11	ug/L								< 10.2					
Ethyl Methanesulfonate	2024-02	ug/L								< 9.26					
Ethyl Methanesulfonate	2024-04	ug/L													< 10
Ethyl Methanesulfonate	2024-05	ug/L				< 10									
Ethyl Methanesulfonate	2024-10	ug/L			< 10.4				< 10.4						
Ethylbenzene	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Ethylbenzene	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Ethylbenzene	2008-04	ug/L			< 1	**1.34**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Ethylbenzene	2008-07	ug/L			< 1	**1.01**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Ethylbenzene	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Ethylbenzene	2009-04	ug/L			< 1.00	**0.270 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Ethylbenzene	2009-07	ug/L							< 1.00			< 1.00			
Ethylbenzene	2009-10	ug/L			< 1.00	**6.66**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Ethylbenzene	2009-12	ug/L							< 1.00			< 1.00			
Ethylbenzene	2010-02	ug/L										< 1.00			
Ethylbenzene	2010-04	ug/L			< 1.00	**1.09**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Ethylbenzene	2010-06	ug/L										< 1.00			< 1.00
Ethylbenzene	2010-08	ug/L													< 1.00
Ethylbenzene	2010-10	ug/L			< 1.00	**4.13**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2010-12	ug/L													< 1.00
Ethylbenzene	2011-02	ug/L													< 1.00
Ethylbenzene	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2011-06	ug/L											< 1.00		< 1.00
Ethylbenzene	2011-10	ug/L			< 1.00	**2.61**	< 1.00	**0.850 J**	**0.230 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2011-12	ug/L	< 1.00												< 1.00
Ethylbenzene	2012-02	ug/L	< 1.00												
Ethylbenzene	2012-04	ug/L	< 1.00		< 1.00	**0.270 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2012-06	ug/L	< 1.00												
Ethylbenzene	2012-08	ug/L	< 1.00												
Ethylbenzene	2012-10	ug/L	< 1.00		< 1.00	**0.650 J**	< 1.00	**0.880 J**	**0.370 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2013-01	ug/L													
Ethylbenzene	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2013-06	ug/L													
Ethylbenzene	2013-08	ug/L													
Ethylbenzene	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2013-12	ug/L													
Ethylbenzene	2014-03	ug/L	< 1.00		< 1.00	**0.283 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2016-01	ug/L													
Ethylbenzene	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2016-07	ug/L		< 1											
Ethylbenzene	2016-09	ug/L		< 1	< 1	**0.325 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2016-12	ug/L		< 1											
Ethylbenzene	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2017-08	ug/L	< 1	< 1	< 1	**0.463 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2017-11	ug/L													
Ethylbenzene	2018-03	ug/L	< 1	< 1	< 1	**0.28 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2018-06	ug/L													
Ethylbenzene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Ethyl Methanesulfonate	2023-05	ug/L								< 11.4					
Ethyl Methanesulfonate	2023-08	ug/L								< 11.6					
Ethyl Methanesulfonate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Ethyl Methanesulfonate	2024-02	ug/L								< 10					
Ethyl Methanesulfonate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Ethyl Methanesulfonate	2024-05	ug/L													
Ethyl Methanesulfonate	2024-10	ug/L													
Ethylbenzene	2007-10	ug/L													
Ethylbenzene	2008-01	ug/L													
Ethylbenzene	2008-04	ug/L													
Ethylbenzene	2008-07	ug/L													
Ethylbenzene	2008-10	ug/L													
Ethylbenzene	2009-04	ug/L													
Ethylbenzene	2009-07	ug/L													
Ethylbenzene	2009-10	ug/L													
Ethylbenzene	2009-12	ug/L													
Ethylbenzene	2010-02	ug/L													
Ethylbenzene	2010-04	ug/L													
Ethylbenzene	2010-06	ug/L													
Ethylbenzene	2010-08	ug/L													
Ethylbenzene	2010-10	ug/L													
Ethylbenzene	2010-12	ug/L													
Ethylbenzene	2011-02	ug/L													
Ethylbenzene	2011-04	ug/L													
Ethylbenzene	2011-06	ug/L													
Ethylbenzene	2011-10	ug/L													
Ethylbenzene	2011-12	ug/L													
Ethylbenzene	2012-02	ug/L					< 1.00		**0.250 J**	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2012-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2013-01	ug/L		< 1.00	< 1.00										
Ethylbenzene	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2013-06	ug/L		< 1.00	< 1.00										
Ethylbenzene	2013-08	ug/L		< 1.00	< 1.00										
Ethylbenzene	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2013-12	ug/L		< 1.00	< 1.00										
Ethylbenzene	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Ethylbenzene	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
Ethylbenzene	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2016-01	ug/L									< 1	< 1		< 1	< 1
Ethylbenzene	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2016-07	ug/L												< 1	< 1
Ethylbenzene	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2016-12	ug/L													
Ethylbenzene	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.39 J**	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2017-11	ug/L						< 1							
Ethylbenzene	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2018-06	ug/L						< 1			< 1				
Ethylbenzene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Ethylbenzene	2018-11	ug/L													
Ethylbenzene	2019-04	ug/L	< 1	< 1	< 1	**0.439 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Ethylbenzene	2019-05	ug/L		< 1											
Ethylbenzene	2019-07	ug/L													
Ethylbenzene	2019-10	ug/L	< 1	< 1	< 1	**0.54 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2020-10	ug/L	< 1	< 1	< 1	**1.61**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
Ethylbenzene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
Ethylbenzene	2023-08	ug/L								< 1					
Ethylbenzene	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2024-02	ug/L								< 1					
Ethylbenzene	2024-04	ug/L		< 1									< 1		< 1
Ethylbenzene	2024-05	ug/L				< 1						< 1			
Ethylbenzene	2024-09	ug/L													
Ethylbenzene	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Ethylbenzene	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Famphur	2009-04	ug/L			< 20.0	< 20.0	< 22.2	< 22.2			< 20.0				
Famphur	2009-07	ug/L							< 20.0						
Famphur	2010-04	ug/L			< 20.0	< 20.0	< 20.0	< 20.0	< 20.0		< 20.0				
Famphur	2011-06	ug/L											< 20.0		
Famphur	2012-04	ug/L											< 20.0		
Famphur	2012-06	ug/L													
Famphur	2013-10	ug/L													
Famphur	2014-03	ug/L			< 21.1	< 21.5	< 23.0	< 23.0	< 21.3		< 22.7				
Famphur	2015-10	ug/L													
Famphur	2016-01	ug/L													
Famphur	2016-04	ug/L													< 20.6
Famphur	2017-03	ug/L											< 20.2		
Famphur	2018-03	ug/L													
Famphur	2018-06	ug/L													
Famphur	2018-09	ug/L													
Famphur	2018-11	ug/L													
Famphur	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Famphur	2019-07	ug/L													
Famphur	2021-05	ug/L													< 10.9
Famphur	2022-04	ug/L											< 10		
Famphur	2023-05	ug/L								< 10.4					
Famphur	2023-08	ug/L								< 12.8					
Famphur	2023-11	ug/L								< 10.2					
Famphur	2024-02	ug/L								< 9.26					
Famphur	2024-04	ug/L													< 10
Famphur	2024-05	ug/L				< 10									
Famphur	2024-10	ug/L			< 10.4				< 10.4						
Fluoranthene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Fluoranthene	2009-07	ug/L							< 10.0						
Fluoranthene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Fluoranthene	2011-06	ug/L											< 10.0		
Fluoranthene	2012-04	ug/L											< 10.0		

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Ethylbenzene	2018-11	ug/L							< 1						
Ethylbenzene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
Ethylbenzene	2019-05	ug/L													
Ethylbenzene	2019-07	ug/L										< 1			
Ethylbenzene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Ethylbenzene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
Ethylbenzene	2023-08	ug/L								< 1					
Ethylbenzene	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2024-02	ug/L								< 1					
Ethylbenzene	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Ethylbenzene	2024-05	ug/L													
Ethylbenzene	2024-09	ug/L		< 1	< 1	< 1							< 1		
Ethylbenzene	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
Ethylbenzene	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Ethylbenzene	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Famphur	2009-04	ug/L													
Famphur	2009-07	ug/L													
Famphur	2010-04	ug/L													
Famphur	2011-06	ug/L													
Famphur	2012-04	ug/L													
Famphur	2012-06	ug/L					< 20.0		< 20.0						
Famphur	2013-10	ug/L					< 20.6		< 20.6						
Famphur	2014-03	ug/L													
Famphur	2015-10	ug/L									< 20				
Famphur	2016-01	ug/L									< 20.4	< 20			
Famphur	2016-04	ug/L		< 20	< 20						< 20	< 20	< 20		
Famphur	2017-03	ug/L	< 20.8			< 20.8									
Famphur	2018-03	ug/L									< 20				
Famphur	2018-06	ug/L									< 10.8				
Famphur	2018-09	ug/L					< 10.9		< 54.3						
Famphur	2018-11	ug/L							< 10.9						
Famphur	2019-04	ug/L										< 11.1			
Famphur	2019-07	ug/L										< 10.8			
Famphur	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Famphur	2022-04	ug/L													
Famphur	2023-05	ug/L								< 11.4					
Famphur	2023-08	ug/L								< 11.6					
Famphur	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Famphur	2024-02	ug/L								< 10					
Famphur	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Famphur	2024-05	ug/L													
Famphur	2024-10	ug/L													
Fluoranthene	2009-04	ug/L													
Fluoranthene	2009-07	ug/L													
Fluoranthene	2010-04	ug/L													
Fluoranthene	2011-06	ug/L													
Fluoranthene	2012-04	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Fluoranthene	2012-06	ug/L													
Fluoranthene	2013-10	ug/L													
Fluoranthene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Fluoranthene	2015-10	ug/L													
Fluoranthene	2016-01	ug/L													
Fluoranthene	2016-04	ug/L													< 10.3
Fluoranthene	2017-03	ug/L											**0.47 J**		
Fluoranthene	2018-03	ug/L													
Fluoranthene	2018-06	ug/L													
Fluoranthene	2018-09	ug/L													
Fluoranthene	2018-11	ug/L													
Fluoranthene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Fluoranthene	2019-07	ug/L													
Fluoranthene	2021-05	ug/L													< 10.9
Fluoranthene	2022-04	ug/L											< 10		
Fluoranthene	2023-05	ug/L								< 10.4					
Fluoranthene	2023-08	ug/L								< 12.8					
Fluoranthene	2023-11	ug/L								< 10.2					
Fluoranthene	2024-02	ug/L								< 9.26					
Fluoranthene	2024-04	ug/L													< 10
Fluoranthene	2024-05	ug/L				< 10									
Fluoranthene	2024-10	ug/L			< 10.4				< 10.4						
Fluorene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Fluorene	2009-07	ug/L							< 10.0						
Fluorene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Fluorene	2011-06	ug/L											< 10.0		
Fluorene	2012-04	ug/L											< 10.0		
Fluorene	2012-06	ug/L													
Fluorene	2013-10	ug/L													
Fluorene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Fluorene	2015-10	ug/L													
Fluorene	2016-01	ug/L													
Fluorene	2016-04	ug/L													< 10.3
Fluorene	2017-03	ug/L											< 10.1		
Fluorene	2018-03	ug/L													
Fluorene	2018-06	ug/L													
Fluorene	2018-09	ug/L													
Fluorene	2018-11	ug/L													
Fluorene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Fluorene	2019-07	ug/L													
Fluorene	2021-05	ug/L													< 10.9
Fluorene	2022-04	ug/L											< 10		
Fluorene	2023-05	ug/L								< 10.4					
Fluorene	2023-08	ug/L								< 12.8					
Fluorene	2023-11	ug/L								< 10.2					
Fluorene	2024-02	ug/L								< 9.26					
Fluorene	2024-04	ug/L													< 10
Fluorene	2024-05	ug/L				< 10									
Fluorene	2024-10	ug/L			< 10.4				< 10.4						
Fluorotrichloromethane	2007-10	ug/L			< 4	< 4	< 4	< 20	< 4	< 4	< 4	< 4	< 4	< 4	
Fluorotrichloromethane	2008-01	ug/L			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Fluorotrichloromethane	2008-04	ug/L			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Fluorotrichloromethane	2008-07	ug/L			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Fluoranthene	2012-06	ug/L					< 10.0		< 10.0						
Fluoranthene	2013-10	ug/L					< 10.3		< 10.3						
Fluoranthene	2014-03	ug/L													
Fluoranthene	2015-10	ug/L									< 10				
Fluoranthene	2016-01	ug/L									< 10.2	< 10			
Fluoranthene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Fluoranthene	2017-03	ug/L	< 10.4			< 10.4									
Fluoranthene	2018-03	ug/L									< 10				
Fluoranthene	2018-06	ug/L									< 10.8				
Fluoranthene	2018-09	ug/L					< 10.9		< 54.3						
Fluoranthene	2018-11	ug/L							< 10.9						
Fluoranthene	2019-04	ug/L										< 11.1			
Fluoranthene	2019-07	ug/L										< 10.8			
Fluoranthene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Fluoranthene	2022-04	ug/L													
Fluoranthene	2023-05	ug/L								< 11.4					
Fluoranthene	2023-08	ug/L								< 11.6					
Fluoranthene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Fluoranthene	2024-02	ug/L								< 10					
Fluoranthene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Fluoranthene	2024-05	ug/L													
Fluoranthene	2024-10	ug/L													
Fluorene	2009-04	ug/L													
Fluorene	2009-07	ug/L													
Fluorene	2010-04	ug/L													
Fluorene	2011-06	ug/L													
Fluorene	2012-04	ug/L													
Fluorene	2012-06	ug/L					< 10.0		< 10.0						
Fluorene	2013-10	ug/L					< 10.3		< 10.3						
Fluorene	2014-03	ug/L													
Fluorene	2015-10	ug/L									< 10				
Fluorene	2016-01	ug/L									< 10.2	< 10			
Fluorene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Fluorene	2017-03	ug/L	< 10.4			< 10.4									
Fluorene	2018-03	ug/L									< 10				
Fluorene	2018-06	ug/L									< 10.8				
Fluorene	2018-09	ug/L					< 10.9		< 54.3						
Fluorene	2018-11	ug/L							< 10.9						
Fluorene	2019-04	ug/L										< 11.1			
Fluorene	2019-07	ug/L										< 10.8			
Fluorene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Fluorene	2022-04	ug/L													
Fluorene	2023-05	ug/L								< 11.4					
Fluorene	2023-08	ug/L								< 11.6					
Fluorene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Fluorene	2024-02	ug/L								< 10					
Fluorene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Fluorene	2024-05	ug/L													
Fluorene	2024-10	ug/L													
Fluorotrichloromethane	2007-10	ug/L													
Fluorotrichloromethane	2008-01	ug/L													
Fluorotrichloromethane	2008-04	ug/L													
Fluorotrichloromethane	2008-07	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Fluorotrichloromethane	2008-10	ug/L			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Fluorotrichloromethane	2009-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Fluorotrichloromethane	2009-07	ug/L							< 4.00			< 4.00			
Fluorotrichloromethane	2009-10	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Fluorotrichloromethane	2009-12	ug/L							< 4.00			< 4.00			
Fluorotrichloromethane	2010-02	ug/L										< 4.00			
Fluorotrichloromethane	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Fluorotrichloromethane	2010-06	ug/L										< 4.00			< 4.00
Fluorotrichloromethane	2010-08	ug/L													< 4.00
Fluorotrichloromethane	2010-10	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2010-12	ug/L													< 4.00
Fluorotrichloromethane	2011-02	ug/L													< 4.00
Fluorotrichloromethane	2011-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2011-06	ug/L											< 4.00		< 4.00
Fluorotrichloromethane	2011-10	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2011-12	ug/L	< 4.00												< 4.00
Fluorotrichloromethane	2012-02	ug/L	< 4.00												
Fluorotrichloromethane	2012-04	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2012-06	ug/L	< 4.00												
Fluorotrichloromethane	2012-08	ug/L	< 4.00												
Fluorotrichloromethane	2012-10	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2013-01	ug/L													
Fluorotrichloromethane	2013-04	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2013-06	ug/L													
Fluorotrichloromethane	2013-08	ug/L													
Fluorotrichloromethane	2013-10	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2013-12	ug/L													
Fluorotrichloromethane	2014-03	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2014-09	ug/L	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Fluorotrichloromethane	2015-05	ug/L	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2015-10	ug/L	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2016-01	ug/L													
Fluorotrichloromethane	2016-04	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2016-07	ug/L		< 4											
Fluorotrichloromethane	2016-09	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2016-12	ug/L		< 4											
Fluorotrichloromethane	2017-03	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2017-08	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2017-11	ug/L													
Fluorotrichloromethane	2018-03	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2018-06	ug/L													
Fluorotrichloromethane	2018-09	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2018-11	ug/L													
Fluorotrichloromethane	2019-04	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	~~< 4~~
Fluorotrichloromethane	2019-05	ug/L		< 4											
Fluorotrichloromethane	2019-07	ug/L													
Fluorotrichloromethane	2019-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2020-04	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2020-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2021-05	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2021-10	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2022-04	ug/L		< 4		< 4						< 4	< 4		< 4
Fluorotrichloromethane	2022-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Fluorotrichloromethane	2008-10	ug/L													
Fluorotrichloromethane	2009-04	ug/L													
Fluorotrichloromethane	2009-07	ug/L													
Fluorotrichloromethane	2009-10	ug/L													
Fluorotrichloromethane	2009-12	ug/L													
Fluorotrichloromethane	2010-02	ug/L													
Fluorotrichloromethane	2010-04	ug/L													
Fluorotrichloromethane	2010-06	ug/L													
Fluorotrichloromethane	2010-08	ug/L													
Fluorotrichloromethane	2010-10	ug/L													
Fluorotrichloromethane	2010-12	ug/L													
Fluorotrichloromethane	2011-02	ug/L													
Fluorotrichloromethane	2011-04	ug/L													
Fluorotrichloromethane	2011-06	ug/L													
Fluorotrichloromethane	2011-10	ug/L													
Fluorotrichloromethane	2011-12	ug/L													
Fluorotrichloromethane	2012-02	ug/L					< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2012-04	ug/L					< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2012-06	ug/L					< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2012-08	ug/L					**0.420 J**		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2012-10	ug/L		< 4.00	< 4.00		< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2013-01	ug/L		< 4.00	< 4.00										
Fluorotrichloromethane	2013-04	ug/L		< 4.00	< 4.00		< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2013-06	ug/L		< 4.00	< 4.00										
Fluorotrichloromethane	2013-08	ug/L		< 4.00	< 4.00										
Fluorotrichloromethane	2013-10	ug/L		< 4.00	< 4.00		**2.09 J**		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2013-12	ug/L		< 4.00	< 4.00										
Fluorotrichloromethane	2014-03	ug/L		< 4.00	< 4.00		< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2014-09	ug/L		< 4.00	< 4.00		< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		
Fluorotrichloromethane	2015-05	ug/L		< 4	< 4		< 4		< 4	< 4	< 4	< 4	< 4		
Fluorotrichloromethane	2015-10	ug/L		< 4	< 4		< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2016-01	ug/L									< 4	< 4		< 4	< 4
Fluorotrichloromethane	2016-04	ug/L		< 4	< 4		< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2016-07	ug/L												< 4	< 4
Fluorotrichloromethane	2016-09	ug/L	< 4	< 4	< 4	< 4	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2016-12	ug/L													
Fluorotrichloromethane	2017-03	ug/L	< 4	< 4	< 4	< 4	< 4		< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2017-08	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2017-11	ug/L						< 4							
Fluorotrichloromethane	2018-03	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2018-06	ug/L						< 4			< 4				
Fluorotrichloromethane	2018-09	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2018-11	ug/L							< 4						
Fluorotrichloromethane	2019-04	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	~~< 4~~	< 4	< 4
Fluorotrichloromethane	2019-05	ug/L													
Fluorotrichloromethane	2019-07	ug/L										< 4			
Fluorotrichloromethane	2019-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2020-04	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2020-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2021-05	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2021-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2022-04	ug/L	< 4	< 4	< 4	< 4	< 4					< 4	< 4		
Fluorotrichloromethane	2022-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Fluorotrichloromethane	2023-05	ug/L	< 4	< 4		< 4				< 4		< 4	< 4		< 4
Fluorotrichloromethane	2023-08	ug/L								< 4					
Fluorotrichloromethane	2023-11	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2024-02	ug/L								< 4					
Fluorotrichloromethane	2024-04	ug/L		< 4									< 4		< 4
Fluorotrichloromethane	2024-05	ug/L				< 4						< 4			
Fluorotrichloromethane	2024-09	ug/L													
Fluorotrichloromethane	2024-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2025-04	ug/L	< 4	< 4		< 4						< 4	< 4		< 4
Fluorotrichloromethane	2025-10	ug/L		< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Heptachlor	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Heptachlor	2009-07	ug/L							< 0.0320						
Heptachlor	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Heptachlor	2011-06	ug/L											< 0.0320		
Heptachlor	2012-04	ug/L											< 0.0320		
Heptachlor	2012-06	ug/L													
Heptachlor	2012-08	ug/L													
Heptachlor	2012-10	ug/L													
Heptachlor	2013-01	ug/L													
Heptachlor	2013-04	ug/L													
Heptachlor	2013-10	ug/L													
Heptachlor	2013-12	ug/L													
Heptachlor	2014-03	ug/L			< 0.0352	< 0.0337	**0.00483 J**	**0.0213 J**	< 0.0340		**0.00310 J**				
Heptachlor	2014-06	ug/L					< 0.0330	< 0.0333			< 0.0340				
Heptachlor	2014-09	ug/L				< 0.0356	< 0.0372	< 0.0356			< 0.0360				
Heptachlor	2014-12	ug/L					< 0.0348	< 0.0352			< 0.0368				
Heptachlor	2015-05	ug/L				< 0.0333	< 0.0348	< 0.0348			< 0.032				< 0.0337
Heptachlor	2015-10	ug/L													
Heptachlor	2016-01	ug/L													
Heptachlor	2016-04	ug/L													< 0.0327
Heptachlor	2017-03	ug/L											< 0.16		
Heptachlor	2018-03	ug/L													
Heptachlor	2018-06	ug/L													
Heptachlor	2018-09	ug/L													
Heptachlor	2018-11	ug/L													
Heptachlor	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
Heptachlor	2019-07	ug/L													
Heptachlor	2021-05	ug/L													< 0.0395
Heptachlor	2022-04	ug/L											< 0.0696		
Heptachlor	2023-05	ug/L								< 0.0681					
Heptachlor	2023-08	ug/L								< 0.0744					
Heptachlor	2023-11	ug/L								< 0.0667					
Heptachlor	2024-02	ug/L								< 0.0593					
Heptachlor	2024-04	ug/L													< 0.064
Heptachlor	2024-05	ug/L				< 0.064									
Heptachlor	2024-10	ug/L			< 0.0919				< 0.0921						
Heptachlor Epoxide	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Heptachlor Epoxide	2009-07	ug/L							< 0.0320						
Heptachlor Epoxide	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Heptachlor Epoxide	2011-06	ug/L											< 0.0320		
Heptachlor Epoxide	2012-04	ug/L											< 0.0320		
Heptachlor Epoxide	2012-06	ug/L													
Heptachlor Epoxide	2013-10	ug/L													

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Fluorotrichloromethane	2023-05	ug/L	< 4	< 4	< 4	< 4	< 4			< 4		< 4	< 4		
Fluorotrichloromethane	2023-08	ug/L								< 4					
Fluorotrichloromethane	2023-11	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2024-02	ug/L								< 4					
Fluorotrichloromethane	2024-04	ug/L	< 4	< 4	< 4	< 4	< 4					< 4	< 4		
Fluorotrichloromethane	2024-05	ug/L													
Fluorotrichloromethane	2024-09	ug/L		< 4	< 4	< 4							< 4		
Fluorotrichloromethane	2024-10	ug/L	< 4				< 4	< 4	< 4	< 4	< 4	< 4		< 4	< 4
Fluorotrichloromethane	2025-04	ug/L	< 4	< 4	< 4	< 4	< 4					< 4	< 4		
Fluorotrichloromethane	2025-10	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Heptachlor	2009-04	ug/L													
Heptachlor	2009-07	ug/L													
Heptachlor	2010-04	ug/L													
Heptachlor	2011-06	ug/L													
Heptachlor	2012-04	ug/L													
Heptachlor	2012-06	ug/L					< 0.0320		**0.00434 J**						
Heptachlor	2012-08	ug/L							**0.0161 J**						
Heptachlor	2012-10	ug/L							< 0.0320						
Heptachlor	2013-01	ug/L							**0.0138 J**						
Heptachlor	2013-04	ug/L							**0.00348 J**						
Heptachlor	2013-10	ug/L					**0.00299 J**		< 0.0327						
Heptachlor	2013-12	ug/L					**0.00610 J**								
Heptachlor	2014-03	ug/L					**0.0234 J**								
Heptachlor	2014-06	ug/L					**0.00442 J**								
Heptachlor	2014-09	ug/L													
Heptachlor	2014-12	ug/L													
Heptachlor	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
Heptachlor	2015-10	ug/L									< 0.162				
Heptachlor	2016-01	ug/L									< 0.032	< 0.032			
Heptachlor	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Heptachlor	2017-03	ug/L	< 0.0323			< 0.0337									
Heptachlor	2018-03	ug/L									< 0.032				
Heptachlor	2018-06	ug/L									< 0.0364				
Heptachlor	2018-09	ug/L					< 0.0348		< 0.0344						
Heptachlor	2018-11	ug/L							< 0.0333						
Heptachlor	2019-04	ug/L										< 0.0352			
Heptachlor	2019-07	ug/L										< 0.0356			
Heptachlor	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Heptachlor	2022-04	ug/L													
Heptachlor	2023-05	ug/L								< 0.0711					
Heptachlor	2023-08	ug/L								< 0.0696					
Heptachlor	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Heptachlor	2024-02	ug/L								< 0.064					
Heptachlor	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Heptachlor	2024-05	ug/L													
Heptachlor	2024-10	ug/L													
Heptachlor Epoxide	2009-04	ug/L													
Heptachlor Epoxide	2009-07	ug/L													
Heptachlor Epoxide	2010-04	ug/L													
Heptachlor Epoxide	2011-06	ug/L													
Heptachlor Epoxide	2012-04	ug/L													
Heptachlor Epoxide	2012-06	ug/L					< 0.0320		< 0.0320						
Heptachlor Epoxide	2013-10	ug/L					< 0.0327		< 0.0327						

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Heptachlor Epoxide	2014-03	ug/L			< 0.0352	< 0.0337	< 0.0360	< 0.0364	< 0.0340		< 0.0337				
Heptachlor Epoxide	2015-10	ug/L													
Heptachlor Epoxide	2016-01	ug/L													
Heptachlor Epoxide	2016-04	ug/L													< 0.0327
Heptachlor Epoxide	2017-03	ug/L											< 0.16		
Heptachlor Epoxide	2018-03	ug/L													
Heptachlor Epoxide	2018-06	ug/L													
Heptachlor Epoxide	2018-09	ug/L													
Heptachlor Epoxide	2018-11	ug/L													
Heptachlor Epoxide	2019-04	ug/L			< 0.0352	< 0.0348			**0.00803 J**						
Heptachlor Epoxide	2019-07	ug/L													
Heptachlor Epoxide	2021-05	ug/L													< 0.0395
Heptachlor Epoxide	2022-04	ug/L											< 0.0696		
Heptachlor Epoxide	2023-05	ug/L								< 0.0681					
Heptachlor Epoxide	2023-08	ug/L								< 0.0744					
Heptachlor Epoxide	2023-11	ug/L								< 0.0667					
Heptachlor Epoxide	2024-02	ug/L								< 0.0593					
Heptachlor Epoxide	2024-04	ug/L													< 0.064
Heptachlor Epoxide	2024-05	ug/L				< 0.064									
Heptachlor Epoxide	2024-10	ug/L			< 0.0919				< 0.0921						
Hexachlorobenzene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Hexachlorobenzene	2009-07	ug/L							< 10.0						
Hexachlorobenzene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Hexachlorobenzene	2011-06	ug/L											< 10.0		
Hexachlorobenzene	2012-04	ug/L											< 10.0		
Hexachlorobenzene	2012-06	ug/L													
Hexachlorobenzene	2013-10	ug/L													
Hexachlorobenzene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Hexachlorobenzene	2015-10	ug/L													
Hexachlorobenzene	2016-01	ug/L													
Hexachlorobenzene	2016-04	ug/L													< 10.3
Hexachlorobenzene	2017-03	ug/L											< 10.1		
Hexachlorobenzene	2018-03	ug/L													
Hexachlorobenzene	2018-06	ug/L													
Hexachlorobenzene	2018-09	ug/L													
Hexachlorobenzene	2018-11	ug/L													
Hexachlorobenzene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Hexachlorobenzene	2019-07	ug/L													
Hexachlorobenzene	2021-05	ug/L													< 10.9
Hexachlorobenzene	2022-04	ug/L											< 10		
Hexachlorobenzene	2023-05	ug/L								< 10.4					
Hexachlorobenzene	2023-08	ug/L								< 12.8					
Hexachlorobenzene	2023-11	ug/L								< 10.2					
Hexachlorobenzene	2024-02	ug/L								< 9.26					
Hexachlorobenzene	2024-04	ug/L													< 10
Hexachlorobenzene	2024-05	ug/L				< 10									
Hexachlorobenzene	2024-10	ug/L			< 10.4				< 10.4						
Hexachlorobutadiene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Hexachlorobutadiene	2009-07	ug/L							< 10.0						
Hexachlorobutadiene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Hexachlorobutadiene	2011-06	ug/L											< 10.0		
Hexachlorobutadiene	2012-04	ug/L											< 10.0		
Hexachlorobutadiene	2012-06	ug/L													

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Heptachlor Epoxide	2014-03	ug/L													
Heptachlor Epoxide	2015-10	ug/L									< 0.162				
Heptachlor Epoxide	2016-01	ug/L									< 0.032	< 0.032			
Heptachlor Epoxide	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Heptachlor Epoxide	2017-03	ug/L	< 0.0323			< 0.0337									
Heptachlor Epoxide	2018-03	ug/L									< 0.032				
Heptachlor Epoxide	2018-06	ug/L									< 0.0364				
Heptachlor Epoxide	2018-09	ug/L					< 0.0348		**0.0132 J**						
Heptachlor Epoxide	2018-11	ug/L							< 0.0333						
Heptachlor Epoxide	2019-04	ug/L										**0.0107 J**			
Heptachlor Epoxide	2019-07	ug/L										< 0.0356			
Heptachlor Epoxide	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Heptachlor Epoxide	2022-04	ug/L													
Heptachlor Epoxide	2023-05	ug/L								< 0.0711					
Heptachlor Epoxide	2023-08	ug/L								< 0.0696					
Heptachlor Epoxide	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Heptachlor Epoxide	2024-02	ug/L								< 0.064					
Heptachlor Epoxide	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Heptachlor Epoxide	2024-05	ug/L													
Heptachlor Epoxide	2024-10	ug/L													
Hexachlorobenzene	2009-04	ug/L													
Hexachlorobenzene	2009-07	ug/L													
Hexachlorobenzene	2010-04	ug/L													
Hexachlorobenzene	2011-06	ug/L													
Hexachlorobenzene	2012-04	ug/L													
Hexachlorobenzene	2012-06	ug/L					< 10.0		< 10.0						
Hexachlorobenzene	2013-10	ug/L					< 10.3		< 10.3						
Hexachlorobenzene	2014-03	ug/L													
Hexachlorobenzene	2015-10	ug/L									< 10				
Hexachlorobenzene	2016-01	ug/L									< 10.2	< 10			
Hexachlorobenzene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Hexachlorobenzene	2017-03	ug/L	< 10.4			< 10.4									
Hexachlorobenzene	2018-03	ug/L									< 10				
Hexachlorobenzene	2018-06	ug/L									< 10.8				
Hexachlorobenzene	2018-09	ug/L					< 10.9		< 54.3						
Hexachlorobenzene	2018-11	ug/L							< 10.9						
Hexachlorobenzene	2019-04	ug/L										< 11.1			
Hexachlorobenzene	2019-07	ug/L										< 10.8			
Hexachlorobenzene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Hexachlorobenzene	2022-04	ug/L													
Hexachlorobenzene	2023-05	ug/L								< 11.4					
Hexachlorobenzene	2023-08	ug/L								< 11.6					
Hexachlorobenzene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Hexachlorobenzene	2024-02	ug/L								< 10					
Hexachlorobenzene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Hexachlorobenzene	2024-05	ug/L													
Hexachlorobenzene	2024-10	ug/L													
Hexachlorobutadiene	2009-04	ug/L													
Hexachlorobutadiene	2009-07	ug/L													
Hexachlorobutadiene	2010-04	ug/L													
Hexachlorobutadiene	2011-06	ug/L													
Hexachlorobutadiene	2012-04	ug/L													
Hexachlorobutadiene	2012-06	ug/L					< 10.0		< 10.0						

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Hexachlorobutadiene	2013-10	ug/L													
Hexachlorobutadiene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Hexachlorobutadiene	2015-10	ug/L													
Hexachlorobutadiene	2016-01	ug/L													
Hexachlorobutadiene	2016-04	ug/L													< 10.3
Hexachlorobutadiene	2017-03	ug/L											< 10.1		
Hexachlorobutadiene	2018-03	ug/L													
Hexachlorobutadiene	2018-06	ug/L													
Hexachlorobutadiene	2018-09	ug/L													
Hexachlorobutadiene	2018-11	ug/L													
Hexachlorobutadiene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Hexachlorobutadiene	2019-07	ug/L													
Hexachlorobutadiene	2021-05	ug/L													< 10.9
Hexachlorobutadiene	2022-04	ug/L											< 10		
Hexachlorobutadiene	2023-05	ug/L								< 10.4					
Hexachlorobutadiene	2023-08	ug/L								< 12.8					
Hexachlorobutadiene	2023-11	ug/L								< 10.2					
Hexachlorobutadiene	2024-02	ug/L								< 9.26					
Hexachlorobutadiene	2024-04	ug/L													< 10
Hexachlorobutadiene	2024-05	ug/L				< 10									
Hexachlorobutadiene	2024-10	ug/L			< 10.4				< 10.4						
Hexachlorocyclopentadiene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Hexachlorocyclopentadiene	2009-07	ug/L							< 10.0						
Hexachlorocyclopentadiene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Hexachlorocyclopentadiene	2011-06	ug/L											< 10.0		
Hexachlorocyclopentadiene	2012-04	ug/L											< 10.0		
Hexachlorocyclopentadiene	2012-06	ug/L													
Hexachlorocyclopentadiene	2013-10	ug/L													
Hexachlorocyclopentadiene	2014-03	ug/L			< 21.1	< 21.5	< 23.0	< 23.0	< 21.3		< 22.7				
Hexachlorocyclopentadiene	2015-10	ug/L													
Hexachlorocyclopentadiene	2016-01	ug/L													
Hexachlorocyclopentadiene	2016-04	ug/L													< 20.6
Hexachlorocyclopentadiene	2017-03	ug/L											< 20.2		
Hexachlorocyclopentadiene	2018-03	ug/L													
Hexachlorocyclopentadiene	2018-06	ug/L													
Hexachlorocyclopentadiene	2018-09	ug/L													
Hexachlorocyclopentadiene	2018-11	ug/L													
Hexachlorocyclopentadiene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Hexachlorocyclopentadiene	2019-07	ug/L													
Hexachlorocyclopentadiene	2021-05	ug/L													< 10.9
Hexachlorocyclopentadiene	2022-04	ug/L											< 10		
Hexachlorocyclopentadiene	2023-05	ug/L								< 10.4					
Hexachlorocyclopentadiene	2023-08	ug/L								< 12.8					
Hexachlorocyclopentadiene	2023-11	ug/L								< 10.2					
Hexachlorocyclopentadiene	2024-02	ug/L								< 9.26					
Hexachlorocyclopentadiene	2024-04	ug/L													< 10
Hexachlorocyclopentadiene	2024-05	ug/L				< 10									
Hexachlorocyclopentadiene	2024-10	ug/L			< 10.4				< 10.4						
Hexachloroethane	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Hexachloroethane	2009-07	ug/L							< 10.0						
Hexachloroethane	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Hexachloroethane	2011-06	ug/L											< 10.0		
Hexachloroethane	2012-04	ug/L											< 10.0		

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Hexachlorobutadiene	2013-10	ug/L					< 10.3		< 10.3						
Hexachlorobutadiene	2014-03	ug/L													
Hexachlorobutadiene	2015-10	ug/L									< 10				
Hexachlorobutadiene	2016-01	ug/L									< 10.2	< 10			
Hexachlorobutadiene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Hexachlorobutadiene	2017-03	ug/L	< 10.4			< 10.4									
Hexachlorobutadiene	2018-03	ug/L									< 10				
Hexachlorobutadiene	2018-06	ug/L									< 10.8				
Hexachlorobutadiene	2018-09	ug/L					< 10.9		< 54.3						
Hexachlorobutadiene	2018-11	ug/L							< 10.9						
Hexachlorobutadiene	2019-04	ug/L										< 11.1			
Hexachlorobutadiene	2019-07	ug/L										< 10.8			
Hexachlorobutadiene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Hexachlorobutadiene	2022-04	ug/L													
Hexachlorobutadiene	2023-05	ug/L								< 11.4					
Hexachlorobutadiene	2023-08	ug/L								< 11.6					
Hexachlorobutadiene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Hexachlorobutadiene	2024-02	ug/L								< 10					
Hexachlorobutadiene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Hexachlorobutadiene	2024-05	ug/L													
Hexachlorobutadiene	2024-10	ug/L													
Hexachlorocyclopentadiene	2009-04	ug/L													
Hexachlorocyclopentadiene	2009-07	ug/L													
Hexachlorocyclopentadiene	2010-04	ug/L													
Hexachlorocyclopentadiene	2011-06	ug/L													
Hexachlorocyclopentadiene	2012-04	ug/L													
Hexachlorocyclopentadiene	2012-06	ug/L					< 10.0		< 10.0						
Hexachlorocyclopentadiene	2013-10	ug/L					< 20.6		< 20.6						
Hexachlorocyclopentadiene	2014-03	ug/L													
Hexachlorocyclopentadiene	2015-10	ug/L									< 20				
Hexachlorocyclopentadiene	2016-01	ug/L									< 20.4	< 20			
Hexachlorocyclopentadiene	2016-04	ug/L		< 20	< 20						< 20	< 20	< 20		
Hexachlorocyclopentadiene	2017-03	ug/L	< 20.8			< 20.8									
Hexachlorocyclopentadiene	2018-03	ug/L									< 20				
Hexachlorocyclopentadiene	2018-06	ug/L									< 10.8				
Hexachlorocyclopentadiene	2018-09	ug/L					< 10.9		< 54.3						
Hexachlorocyclopentadiene	2018-11	ug/L							< 10.9						
Hexachlorocyclopentadiene	2019-04	ug/L										< 11.1			
Hexachlorocyclopentadiene	2019-07	ug/L										< 10.8			
Hexachlorocyclopentadiene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Hexachlorocyclopentadiene	2022-04	ug/L													
Hexachlorocyclopentadiene	2023-05	ug/L								< 11.4					
Hexachlorocyclopentadiene	2023-08	ug/L								< 11.6					
Hexachlorocyclopentadiene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Hexachlorocyclopentadiene	2024-02	ug/L								< 10					
Hexachlorocyclopentadiene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Hexachlorocyclopentadiene	2024-05	ug/L													
Hexachlorocyclopentadiene	2024-10	ug/L													
Hexachloroethane	2009-04	ug/L													
Hexachloroethane	2009-07	ug/L													
Hexachloroethane	2010-04	ug/L													
Hexachloroethane	2011-06	ug/L													
Hexachloroethane	2012-04	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Hexachloroethane	2012-06	ug/L													
Hexachloroethane	2013-10	ug/L													
Hexachloroethane	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Hexachloroethane	2015-10	ug/L													
Hexachloroethane	2016-01	ug/L													
Hexachloroethane	2016-04	ug/L													< 10.3
Hexachloroethane	2017-03	ug/L											< 10.1		
Hexachloroethane	2018-03	ug/L													
Hexachloroethane	2018-06	ug/L													
Hexachloroethane	2018-09	ug/L													
Hexachloroethane	2018-11	ug/L													
Hexachloroethane	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Hexachloroethane	2019-07	ug/L													
Hexachloroethane	2021-05	ug/L													< 10.9
Hexachloroethane	2022-04	ug/L											< 10		
Hexachloroethane	2023-05	ug/L								< 10.4					
Hexachloroethane	2023-08	ug/L								< 12.8					
Hexachloroethane	2023-11	ug/L								< 10.2					
Hexachloroethane	2024-02	ug/L								< 9.26					
Hexachloroethane	2024-04	ug/L													< 10
Hexachloroethane	2024-05	ug/L				< 10									
Hexachloroethane	2024-10	ug/L			< 10.4				< 10.4						
Hexachloropropene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Hexachloropropene	2009-07	ug/L							< 10.0						
Hexachloropropene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Hexachloropropene	2011-06	ug/L											< 10.0		
Hexachloropropene	2012-04	ug/L											< 10.0		
Hexachloropropene	2012-06	ug/L													
Hexachloropropene	2013-10	ug/L													
Hexachloropropene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Hexachloropropene	2015-10	ug/L													
Hexachloropropene	2016-01	ug/L													
Hexachloropropene	2016-04	ug/L													< 10.3
Hexachloropropene	2017-03	ug/L											< 10.1		
Hexachloropropene	2018-03	ug/L													
Hexachloropropene	2018-06	ug/L													
Hexachloropropene	2018-09	ug/L													
Hexachloropropene	2018-11	ug/L													
Hexachloropropene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Hexachloropropene	2019-07	ug/L													
Hexachloropropene	2021-05	ug/L													< 10.9
Hexachloropropene	2022-04	ug/L											< 10		
Hexachloropropene	2023-05	ug/L								< 10.4					
Hexachloropropene	2023-08	ug/L								< 12.8					
Hexachloropropene	2023-11	ug/L								< 10.2					
Hexachloropropene	2024-02	ug/L								< 9.26					
Hexachloropropene	2024-04	ug/L													< 10
Hexachloropropene	2024-05	ug/L				< 10									
Hexachloropropene	2024-10	ug/L			< 10.4				< 10.4						
Indeno(1,2,3-cd)pyrene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Indeno(1,2,3-cd)pyrene	2009-07	ug/L							< 10.0						
Indeno(1,2,3-cd)pyrene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Indeno(1,2,3-cd)pyrene	2011-06	ug/L											< 10.0		

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Hexachloroethane	2012-06	ug/L					< 10.0		< 10.0						
Hexachloroethane	2013-10	ug/L					< 10.3		< 10.3						
Hexachloroethane	2014-03	ug/L													
Hexachloroethane	2015-10	ug/L									< 10				
Hexachloroethane	2016-01	ug/L									< 10.2	< 10			
Hexachloroethane	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Hexachloroethane	2017-03	ug/L	< 10.4			< 10.4									
Hexachloroethane	2018-03	ug/L									< 10				
Hexachloroethane	2018-06	ug/L									< 10.8				
Hexachloroethane	2018-09	ug/L					< 10.9		< 54.3						
Hexachloroethane	2018-11	ug/L							< 10.9						
Hexachloroethane	2019-04	ug/L										< 11.1			
Hexachloroethane	2019-07	ug/L										< 10.8			
Hexachloroethane	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Hexachloroethane	2022-04	ug/L													
Hexachloroethane	2023-05	ug/L								< 11.4					
Hexachloroethane	2023-08	ug/L								< 11.6					
Hexachloroethane	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Hexachloroethane	2024-02	ug/L								< 10					
Hexachloroethane	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Hexachloroethane	2024-05	ug/L													
Hexachloroethane	2024-10	ug/L													
Hexachloropropene	2009-04	ug/L													
Hexachloropropene	2009-07	ug/L													
Hexachloropropene	2010-04	ug/L													
Hexachloropropene	2011-06	ug/L													
Hexachloropropene	2012-04	ug/L													
Hexachloropropene	2012-06	ug/L					< 10.0		< 10.0						
Hexachloropropene	2013-10	ug/L					< 10.3		< 10.3						
Hexachloropropene	2014-03	ug/L													
Hexachloropropene	2015-10	ug/L									< 10				
Hexachloropropene	2016-01	ug/L									< 10.2	< 10			
Hexachloropropene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Hexachloropropene	2017-03	ug/L	< 10.4			< 10.4									
Hexachloropropene	2018-03	ug/L									< 10				
Hexachloropropene	2018-06	ug/L									< 10.8				
Hexachloropropene	2018-09	ug/L					< 10.9		< 54.3						
Hexachloropropene	2018-11	ug/L							< 10.9						
Hexachloropropene	2019-04	ug/L										< 11.1			
Hexachloropropene	2019-07	ug/L										< 10.8			
Hexachloropropene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Hexachloropropene	2022-04	ug/L													
Hexachloropropene	2023-05	ug/L								< 11.4					
Hexachloropropene	2023-08	ug/L								< 11.6					
Hexachloropropene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Hexachloropropene	2024-02	ug/L								< 10					
Hexachloropropene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Hexachloropropene	2024-05	ug/L													
Hexachloropropene	2024-10	ug/L													
Indeno(1,2,3-cd)pyrene	2009-04	ug/L													
Indeno(1,2,3-cd)pyrene	2009-07	ug/L													
Indeno(1,2,3-cd)pyrene	2010-04	ug/L													
Indeno(1,2,3-cd)pyrene	2011-06	ug/L													

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Indeno(1,2,3-cd)pyrene	2012-04	ug/L											< 10.0		
Indeno(1,2,3-cd)pyrene	2012-06	ug/L													
Indeno(1,2,3-cd)pyrene	2013-10	ug/L													
Indeno(1,2,3-cd)pyrene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Indeno(1,2,3-cd)pyrene	2015-10	ug/L													
Indeno(1,2,3-cd)pyrene	2016-01	ug/L													
Indeno(1,2,3-cd)pyrene	2016-04	ug/L													< 10.3
Indeno(1,2,3-cd)pyrene	2017-03	ug/L											< 10.1		
Indeno(1,2,3-cd)pyrene	2018-03	ug/L													
Indeno(1,2,3-cd)pyrene	2018-06	ug/L													
Indeno(1,2,3-cd)pyrene	2018-09	ug/L													
Indeno(1,2,3-cd)pyrene	2018-11	ug/L													
Indeno(1,2,3-cd)pyrene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Indeno(1,2,3-cd)pyrene	2019-07	ug/L													
Indeno(1,2,3-cd)pyrene	2021-05	ug/L													< 10.9
Indeno(1,2,3-cd)pyrene	2022-04	ug/L											< 10		
Indeno(1,2,3-cd)pyrene	2023-05	ug/L								< 10.4					
Indeno(1,2,3-cd)pyrene	2023-08	ug/L								< 12.8					
Indeno(1,2,3-cd)pyrene	2023-11	ug/L								< 10.2					
Indeno(1,2,3-cd)pyrene	2024-02	ug/L								< 9.26					
Indeno(1,2,3-cd)pyrene	2024-04	ug/L													< 10
Indeno(1,2,3-cd)pyrene	2024-05	ug/L				< 10									
Indeno(1,2,3-cd)pyrene	2024-10	ug/L			< 10.4				< 10.4						
Iodomethane	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	
Iodomethane	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Iodomethane	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Iodomethane	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Iodomethane	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Iodomethane	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Iodomethane	2009-07	ug/L							< 10.0			< 10.0			
Iodomethane	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Iodomethane	2009-12	ug/L							< 20.0			< 20.0			
Iodomethane	2010-02	ug/L										< 10.0			
Iodomethane	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
Iodomethane	2010-06	ug/L										< 10.0			< 50.0
Iodomethane	2010-08	ug/L													< 10.0
Iodomethane	2010-10	ug/L			< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0
Iodomethane	2010-12	ug/L													< 10.0
Iodomethane	2011-02	ug/L													< 10.0
Iodomethane	2011-04	ug/L			< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Iodomethane	2011-06	ug/L											< 10.0		< 20.0
Iodomethane	2011-10	ug/L			< 20.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 10.0	< 10.0	< 10.0
Iodomethane	2011-12	ug/L	< 10.0												< 10.0
Iodomethane	2012-02	ug/L	< 10.0												
Iodomethane	2012-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Iodomethane	2012-06	ug/L	< 10.0												
Iodomethane	2012-08	ug/L	< 10.0												
Iodomethane	2012-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Iodomethane	2013-01	ug/L													
Iodomethane	2013-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Iodomethane	2013-06	ug/L													
Iodomethane	2013-08	ug/L													
Iodomethane	2013-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Indeno(1,2,3-cd)pyrene	2012-04	ug/L													
Indeno(1,2,3-cd)pyrene	2012-06	ug/L					< 10.0		< 10.0						
Indeno(1,2,3-cd)pyrene	2013-10	ug/L					< 10.3		< 10.3						
Indeno(1,2,3-cd)pyrene	2014-03	ug/L													
Indeno(1,2,3-cd)pyrene	2015-10	ug/L									< 10				
Indeno(1,2,3-cd)pyrene	2016-01	ug/L									< 10.2	< 10			
Indeno(1,2,3-cd)pyrene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Indeno(1,2,3-cd)pyrene	2017-03	ug/L	< 10.4			< 10.4									
Indeno(1,2,3-cd)pyrene	2018-03	ug/L									< 10				
Indeno(1,2,3-cd)pyrene	2018-06	ug/L									< 10.8				
Indeno(1,2,3-cd)pyrene	2018-09	ug/L					< 10.9		< 54.3						
Indeno(1,2,3-cd)pyrene	2018-11	ug/L							< 10.9						
Indeno(1,2,3-cd)pyrene	2019-04	ug/L										< 11.1			
Indeno(1,2,3-cd)pyrene	2019-07	ug/L										< 10.8			
Indeno(1,2,3-cd)pyrene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Indeno(1,2,3-cd)pyrene	2022-04	ug/L													
Indeno(1,2,3-cd)pyrene	2023-05	ug/L								< 11.4					
Indeno(1,2,3-cd)pyrene	2023-08	ug/L								< 23.3					
Indeno(1,2,3-cd)pyrene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Indeno(1,2,3-cd)pyrene	2024-02	ug/L								< 10					
Indeno(1,2,3-cd)pyrene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Indeno(1,2,3-cd)pyrene	2024-05	ug/L													
Indeno(1,2,3-cd)pyrene	2024-10	ug/L													
Iodomethane	2007-10	ug/L													
Iodomethane	2008-01	ug/L													
Iodomethane	2008-04	ug/L													
Iodomethane	2008-07	ug/L													
Iodomethane	2008-10	ug/L													
Iodomethane	2009-04	ug/L													
Iodomethane	2009-07	ug/L													
Iodomethane	2009-10	ug/L													
Iodomethane	2009-12	ug/L													
Iodomethane	2010-02	ug/L													
Iodomethane	2010-04	ug/L													
Iodomethane	2010-06	ug/L													
Iodomethane	2010-08	ug/L													
Iodomethane	2010-10	ug/L													
Iodomethane	2010-12	ug/L													
Iodomethane	2011-02	ug/L													
Iodomethane	2011-04	ug/L													
Iodomethane	2011-06	ug/L													
Iodomethane	2011-10	ug/L													
Iodomethane	2011-12	ug/L													
Iodomethane	2012-02	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Iodomethane	2012-04	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Iodomethane	2012-06	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Iodomethane	2012-08	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Iodomethane	2012-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Iodomethane	2013-01	ug/L		< 10.0	< 10.0										
Iodomethane	2013-04	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Iodomethane	2013-06	ug/L		< 10.0	< 10.0										
Iodomethane	2013-08	ug/L		< 10.0	< 10.0										
Iodomethane	2013-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		

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Iodomethane	2013-12	ug/L													
Iodomethane	2014-03	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Iodomethane	2014-09	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Iodomethane	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2016-01	ug/L													
Iodomethane	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2016-07	ug/L		< 10											
Iodomethane	2016-09	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2016-12	ug/L		< 10											
Iodomethane	2017-03	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2017-11	ug/L													
Iodomethane	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2018-06	ug/L													
Iodomethane	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2018-11	ug/L													
Iodomethane	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~
Iodomethane	2019-05	ug/L		< 10											
Iodomethane	2019-07	ug/L													
Iodomethane	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2020-04	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2021-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2022-04	ug/L		< 10		< 10						< 10	< 10		< 10
Iodomethane	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2023-05	ug/L	~~< 10~~	< 10		< 10				< 10		< 10	< 10		< 10
Iodomethane	2023-08	ug/L								< 10					
Iodomethane	2023-11	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2024-02	ug/L								< 10					
Iodomethane	2024-04	ug/L		< 10									< 10		< 10
Iodomethane	2024-05	ug/L				< 10						< 10			
Iodomethane	2024-09	ug/L													
Iodomethane	2024-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2025-04	ug/L	< 10	< 10		< 10						< 10	< 10		< 10
Iodomethane	2025-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Isobutanol	2009-04	mg/L			< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Isobutanol	2009-07	mg/L							< 10						
Isobutanol	2010-04	mg/L			< 10	< 10	< 10	< 10	< 10		< 10				
Isobutanol	2011-06	mg/L											< 10		
Isobutanol	2012-04	mg/L											< 10		
Isobutanol	2012-06	mg/L													
Isobutanol	2013-10	mg/L													
Isobutanol	2014-03	mg/L			< 10	< 10	< 10	< 10	< 10		< 10				
Isobutanol	2015-10	mg/L													
Isobutanol	2016-01	mg/L													
Isobutanol	2016-04	mg/L													< 10
Isobutanol	2017-03	mg/L											< 10		
Isobutanol	2018-03	mg/L													
Isobutanol	2018-06	mg/L													
Isobutanol	2018-09	mg/L													
Isobutanol	2018-11	mg/L													

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Iodomethane	2013-12	ug/L		< 10.0	< 10.0										
Iodomethane	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
Iodomethane	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0 J	< 10.0	< 10.0	< 10.0	< 10.0		
Iodomethane	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
Iodomethane	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2016-01	ug/L									< 10	< 10		< 10	< 10
Iodomethane	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2016-07	ug/L												< 10	< 10
Iodomethane	2016-09	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2016-12	ug/L													
Iodomethane	2017-03	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2017-11	ug/L						< 10							
Iodomethane	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2018-06	ug/L						< 10			< 10				
Iodomethane	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2018-11	ug/L							< 10						
Iodomethane	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~	< 10	< 10
Iodomethane	2019-05	ug/L													
Iodomethane	2019-07	ug/L										< 10			
Iodomethane	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2020-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2021-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2022-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
Iodomethane	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2023-05	ug/L	< 10	< 10	< 10	< 10	< 10			~~< 10~~		< 10	< 10		
Iodomethane	2023-08	ug/L								< 10					
Iodomethane	2023-11	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2024-02	ug/L								< 10					
Iodomethane	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
Iodomethane	2024-05	ug/L													
Iodomethane	2024-09	ug/L		< 10	< 10	< 10							< 10		
Iodomethane	2024-10	ug/L	< 10				< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10
Iodomethane	2025-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
Iodomethane	2025-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Isobutanol	2009-04	mg/L													
Isobutanol	2009-07	mg/L													
Isobutanol	2010-04	mg/L													
Isobutanol	2011-06	mg/L													
Isobutanol	2012-04	mg/L													
Isobutanol	2012-06	mg/L					< 10		< 10						
Isobutanol	2013-10	mg/L					< 10.0		< 10.0						
Isobutanol	2014-03	mg/L													
Isobutanol	2015-10	mg/L									< 10				
Isobutanol	2016-01	mg/L									< 10	< 10			
Isobutanol	2016-04	mg/L		< 10	< 10						< 10	< 10	< 10		
Isobutanol	2017-03	mg/L	< 10			< 10									
Isobutanol	2018-03	mg/L									< 10				
Isobutanol	2018-06	mg/L									< 10				
Isobutanol	2018-09	mg/L					< 10		< 10						
Isobutanol	2018-11	mg/L							< 10						

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Isobutanol	2019-04	mg/L			< 10	< 10			< 10						
Isobutanol	2019-07	mg/L													
Isobutanol	2021-05	mg/L													< 10
Isobutanol	2022-04	mg/L											< 10		
Isobutanol	2023-05	ug/L								< 10000					
Isobutanol	2023-08	ug/L								< 10000					
Isobutanol	2023-11	ug/L								< 10000					
Isobutanol	2024-02	ug/L								< 10000					
Isobutanol	2024-04	ug/L													< 10000
Isobutanol	2024-05	ug/L				< 10000									
Isobutanol	2024-10	ug/L			< 10000				< 10000						
Isodrin	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Isodrin	2009-07	ug/L							< 10.0						
Isodrin	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Isodrin	2011-06	ug/L											< 10.0		
Isodrin	2012-04	ug/L											< 10.0		
Isodrin	2012-06	ug/L													
Isodrin	2013-10	ug/L													
Isodrin	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Isodrin	2015-10	ug/L													
Isodrin	2016-01	ug/L													
Isodrin	2016-04	ug/L													< 10.3
Isodrin	2017-03	ug/L											< 10.1		
Isodrin	2018-03	ug/L													
Isodrin	2018-06	ug/L													
Isodrin	2018-09	ug/L													
Isodrin	2018-11	ug/L													
Isodrin	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Isodrin	2019-07	ug/L													
Isodrin	2021-05	ug/L													< 10.9
Isodrin	2022-04	ug/L											< 10		
Isodrin	2023-05	ug/L								< 10.4					
Isodrin	2023-08	ug/L								< 12.8					
Isodrin	2023-11	ug/L								< 10.2					
Isodrin	2024-02	ug/L								< 9.26					
Isodrin	2024-04	ug/L													< 10
Isodrin	2024-05	ug/L				< 10									
Isodrin	2024-10	ug/L			< 10.4				< 10.4						
Isophorone	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Isophorone	2009-07	ug/L							< 10.0						
Isophorone	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Isophorone	2011-06	ug/L											< 10.0		
Isophorone	2012-04	ug/L											< 10.0		
Isophorone	2012-06	ug/L													
Isophorone	2013-10	ug/L													
Isophorone	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Isophorone	2015-10	ug/L													
Isophorone	2016-01	ug/L													
Isophorone	2016-04	ug/L													< 10.3
Isophorone	2017-03	ug/L											< 10.1		
Isophorone	2018-03	ug/L													
Isophorone	2018-06	ug/L													
Isophorone	2018-09	ug/L													

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Isobutanol	2019-04	mg/L										< 10			
Isobutanol	2019-07	mg/L										< 10			
Isobutanol	2021-05	mg/L	< 10	< 10	< 10	< 10							< 10		
Isobutanol	2022-04	mg/L													
Isobutanol	2023-05	ug/L								< 10000					
Isobutanol	2023-08	ug/L								< 10000					
Isobutanol	2023-11	ug/L							< 10000	< 10000	< 10000				
Isobutanol	2024-02	ug/L								< 10000					
Isobutanol	2024-04	ug/L	< 10000	< 10000	< 10000	< 10000	< 10000						< 10000		
Isobutanol	2024-05	ug/L													
Isobutanol	2024-10	ug/L													
Isodrin	2009-04	ug/L													
Isodrin	2009-07	ug/L													
Isodrin	2010-04	ug/L													
Isodrin	2011-06	ug/L													
Isodrin	2012-04	ug/L													
Isodrin	2012-06	ug/L					< 10.0		< 10.0						
Isodrin	2013-10	ug/L					< 10.3		< 10.3						
Isodrin	2014-03	ug/L													
Isodrin	2015-10	ug/L									< 10				
Isodrin	2016-01	ug/L									< 10.2	< 10			
Isodrin	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Isodrin	2017-03	ug/L	< 10.4			< 10.4									
Isodrin	2018-03	ug/L									< 10				
Isodrin	2018-06	ug/L									< 10.8				
Isodrin	2018-09	ug/L					< 10.9		< 54.3						
Isodrin	2018-11	ug/L							< 10.9						
Isodrin	2019-04	ug/L										< 11.1			
Isodrin	2019-07	ug/L										< 10.8			
Isodrin	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Isodrin	2022-04	ug/L													
Isodrin	2023-05	ug/L								< 11.4					
Isodrin	2023-08	ug/L								< 11.6					
Isodrin	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Isodrin	2024-02	ug/L								< 10					
Isodrin	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Isodrin	2024-05	ug/L													
Isodrin	2024-10	ug/L													
Isophorone	2009-04	ug/L													
Isophorone	2009-07	ug/L													
Isophorone	2010-04	ug/L													
Isophorone	2011-06	ug/L													
Isophorone	2012-04	ug/L													
Isophorone	2012-06	ug/L					< 10.0		< 10.0						
Isophorone	2013-10	ug/L					< 10.3		< 10.3						
Isophorone	2014-03	ug/L													
Isophorone	2015-10	ug/L									< 10				
Isophorone	2016-01	ug/L									< 10.2	< 10			
Isophorone	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Isophorone	2017-03	ug/L	< 10.4			< 10.4									
Isophorone	2018-03	ug/L									< 10				
Isophorone	2018-06	ug/L									< 10.8				
Isophorone	2018-09	ug/L					< 10.9		< 54.3						

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Isophorone	2018-11	ug/L													
Isophorone	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Isophorone	2019-07	ug/L													
Isophorone	2021-05	ug/L													< 10.9
Isophorone	2022-04	ug/L											< 10		
Isophorone	2023-05	ug/L								< 10.4					
Isophorone	2023-08	ug/L								< 12.8					
Isophorone	2023-11	ug/L								< 10.2					
Isophorone	2024-02	ug/L								< 9.26					
Isophorone	2024-04	ug/L													< 10
Isophorone	2024-05	ug/L				< 10									
Isophorone	2024-10	ug/L			< 10.4				< 10.4						
Isosafrole	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Isosafrole	2009-07	ug/L							< 10.0						
Isosafrole	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Isosafrole	2011-06	ug/L											< 10.0		
Isosafrole	2012-04	ug/L											< 10.0		
Isosafrole	2012-06	ug/L													
Isosafrole	2013-10	ug/L													
Isosafrole	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Isosafrole	2015-10	ug/L													
Isosafrole	2016-01	ug/L													
Isosafrole	2016-04	ug/L													< 10.3
Isosafrole	2017-03	ug/L											< 10.1		
Isosafrole	2018-03	ug/L													
Isosafrole	2018-06	ug/L													
Isosafrole	2018-09	ug/L													
Isosafrole	2018-11	ug/L													
Isosafrole	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Isosafrole	2019-07	ug/L													
Isosafrole	2021-05	ug/L													< 10.9
Isosafrole	2022-04	ug/L											< 10		
Isosafrole	2023-05	ug/L								< 10.4					
Isosafrole	2023-08	ug/L								< 12.8					
Isosafrole	2023-11	ug/L								< 10.2					
Isosafrole	2024-02	ug/L								< 9.26					
Isosafrole	2024-04	ug/L													< 10
Isosafrole	2024-05	ug/L				< 10									
Isosafrole	2024-10	ug/L			< 10.4				< 10.4						
Kepone	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Kepone	2009-07	ug/L							< 10.0						
Kepone	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Kepone	2011-06	ug/L											< 10.0		
Kepone	2012-04	ug/L											< 10.0		
Kepone	2012-06	ug/L													
Kepone	2013-10	ug/L													
Kepone	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Kepone	2015-10	ug/L													
Kepone	2016-01	ug/L													
Kepone	2016-04	ug/L													< 10.3
Kepone	2017-03	ug/L											< 10.1		
Kepone	2018-03	ug/L													
Kepone	2018-06	ug/L													

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Isophorone	2018-11	ug/L							< 10.9						
Isophorone	2019-04	ug/L										< 11.1			
Isophorone	2019-07	ug/L										< 10.8			
Isophorone	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Isophorone	2022-04	ug/L													
Isophorone	2023-05	ug/L								< 11.4					
Isophorone	2023-08	ug/L								< 11.6					
Isophorone	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Isophorone	2024-02	ug/L								< 10					
Isophorone	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Isophorone	2024-05	ug/L													
Isophorone	2024-10	ug/L													
Isosafrole	2009-04	ug/L													
Isosafrole	2009-07	ug/L													
Isosafrole	2010-04	ug/L													
Isosafrole	2011-06	ug/L													
Isosafrole	2012-04	ug/L													
Isosafrole	2012-06	ug/L					< 10.0		< 10.0						
Isosafrole	2013-10	ug/L					< 10.3		< 10.3						
Isosafrole	2014-03	ug/L													
Isosafrole	2015-10	ug/L									< 10				
Isosafrole	2016-01	ug/L									< 10.2	< 10			
Isosafrole	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Isosafrole	2017-03	ug/L	< 10.4			< 10.4									
Isosafrole	2018-03	ug/L									< 10				
Isosafrole	2018-06	ug/L									< 10.8				
Isosafrole	2018-09	ug/L					< 10.9		< 54.3						
Isosafrole	2018-11	ug/L							< 10.9						
Isosafrole	2019-04	ug/L										< 11.1			
Isosafrole	2019-07	ug/L										< 10.8			
Isosafrole	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Isosafrole	2022-04	ug/L													
Isosafrole	2023-05	ug/L								< 11.4					
Isosafrole	2023-08	ug/L								< 11.6					
Isosafrole	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Isosafrole	2024-02	ug/L								< 10					
Isosafrole	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Isosafrole	2024-05	ug/L													
Isosafrole	2024-10	ug/L													
Kepone	2009-04	ug/L													
Kepone	2009-07	ug/L													
Kepone	2010-04	ug/L													
Kepone	2011-06	ug/L													
Kepone	2012-04	ug/L													
Kepone	2012-06	ug/L					< 10.0		< 10.0						
Kepone	2013-10	ug/L					< 10.3		< 10.3						
Kepone	2014-03	ug/L													
Kepone	2015-10	ug/L									< 10				
Kepone	2016-01	ug/L									< 10.2	< 10			
Kepone	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Kepone	2017-03	ug/L	< 10.4			< 10.4									
Kepone	2018-03	ug/L									< 10				
Kepone	2018-06	ug/L									< 10.8				

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Kepone	2018-09	ug/L													
Kepone	2018-11	ug/L													
Kepone	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Kepone	2019-07	ug/L													
Kepone	2021-05	ug/L													< 10.9
Kepone	2022-04	ug/L											< 10		
Kepone	2023-05	ug/L								< 10.4					
Kepone	2023-08	ug/L								< 12.8					
Kepone	2023-11	ug/L								< 10.2					
Kepone	2024-02	ug/L								< 9.26					
Kepone	2024-04	ug/L													< 10
Kepone	2024-05	ug/L				< 10									
Kepone	2024-10	ug/L			< 10.4				< 10.4						
Lead	2007-10	mg/L			< 0.004	< 0.004	< 0.004	< 0.004	**0.00485**	**0.0199**	< 0.004	**0.0208**	< 0.004	< 0.004	
Lead	2008-01	mg/L			< 0.004	< 0.004	**0.00734**	**0.0196**	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	
Lead	2008-04	mg/L			< 0.004	< 0.004	**0.029**	< 0.004	**0.00762**	< 0.004	< 0.004	**0.0107**	< 0.004	**0.0114**	
Lead	2008-07	mg/L			< 0.004	< 0.004	**0.0106**	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	
Lead	2008-10	mg/L			< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	**0.00427**	< 0.004	< 0.004	
Lead	2009-04	mg/L			< 0.00400	< 0.00400	**0.00601**	< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.0119**	< 0.00400	< 0.00400	
Lead	2009-07	mg/L							< 0.00400			< 0.00400			
Lead	2009-10	mg/L			< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	
Lead	2009-12	mg/L							< 0.00400			**0.00759**			
Lead	2010-02	mg/L										< 0.00400			
Lead	2010-04	mg/L			< 0.00400	< 0.00400	**0.00471**	< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.0203**	< 0.00400	< 0.00400	
Lead	2010-06	mg/L										< 0.00400			**0.0113**
Lead	2010-08	mg/L													**0.0172**
Lead	2010-10	mg/L			< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.00810**	< 0.00400	< 0.00400	**0.0128**
Lead	2010-12	mg/L													**0.00508**
Lead	2011-02	mg/L													**0.0116**
Lead	2011-04	mg/L			< 0.00400	< 0.00400	< 0.00400	**0.00879**	< 0.00400	< 0.00400	< 0.00400	**0.00597**	< 0.00400	< 0.00400	**0.00738**
Lead	2011-06	mg/L											< 0.00400		< 0.00400
Lead	2011-10	mg/L			< 0.00400	< 0.00400	< 0.00400	**0.00336 J**	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.00126 J**	< 0.00400
Lead	2011-12	mg/L	**0.00767**												**0.00821**
Lead	2012-02	mg/L	< 0.000500												
Lead	2012-04	mg/L	**0.00115 J**		< 0.00250	< 0.00250	**0.000250 J**	**0.000550 J**	< 0.00250	**0.000400 J**	< 0.00250	**0.000150 J**	**0.000650 J**	**0.000150 J**	**0.00180 J**
Lead	2012-06	mg/L													
Lead	2012-08	mg/L	**0.000320 J**												
Lead	2012-10	mg/L	**0.000130 J**		< 0.00500	< 0.0100	< 0.00500 J	< 0.0100 J	< 0.00500	**0.0000800 J**	< 0.00500 J	< 0.00500 J	< 0.000500	< 0.00500 J	**0.000210 J**
Lead	2013-01	mg/L													
Lead	2013-04	mg/L	**0.000292 J**		< 0.000500	< 0.000500	**0.000340 J**	**0.00177**	< 0.000500	**0.00329**	**0.00142**	< 0.000500	< 0.000500	< 0.000500	**0.000481 J**
Lead	2013-06	mg/L													
Lead	2013-08	mg/L													
Lead	2013-10	mg/L	< 0.00100		< 0.00100	**0.000458 J**	**0.00236**	**0.000748 J**	**0.000180 J**	< 0.00100	< 0.00100	**0.000489 J**	< 0.00100	**0.000719 J**	**0.000463 J**
Lead	2013-12	mg/L													
Lead	2014-03	mg/L	**0.00450**		**0.000379 J**	< 0.00100	**0.00220**	**0.000873 J**	**0.00188**	**0.000837 J**	< 0.00100	**0.000278 J**	< 0.00100	**0.000503 J**	**0.00735**
Lead	2014-09	mg/L	< 0.000500		**0.000171 J**	< 0.000500	< 0.000500	< 0.000500	< 0.000500	**0.000102 J**	< 0.000500	< 0.000500	**0.000174 J**	< 0.000500	< 0.000500 J
Lead	2015-05	mg/L	< 0.0005 J		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005 J	< 0.0005	< 0.0005	< 0.0005	**0.000129 J**	< 0.0005
Lead	2015-10	mg/L	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000108 J**	**0.000108 J**	**0.000739**	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Lead	2016-01	mg/L													
Lead	2016-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Lead	2016-07	mg/L		< 0.0005											
Lead	2016-09	mg/L		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Lead	2016-12	mg/L		< 0.0005											

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Kepone	2018-09	ug/L					< 10.9		< 54.3						
Kepone	2018-11	ug/L							< 10.9						
Kepone	2019-04	ug/L										< 11.1			
Kepone	2019-07	ug/L										< 10.8			
Kepone	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Kepone	2022-04	ug/L													
Kepone	2023-05	ug/L								< 11.4					
Kepone	2023-08	ug/L								< 11.6					
Kepone	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Kepone	2024-02	ug/L								< 10					
Kepone	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Kepone	2024-05	ug/L													
Kepone	2024-10	ug/L													
Lead	2007-10	mg/L													
Lead	2008-01	mg/L													
Lead	2008-04	mg/L													
Lead	2008-07	mg/L													
Lead	2008-10	mg/L													
Lead	2009-04	mg/L													
Lead	2009-07	mg/L													
Lead	2009-10	mg/L													
Lead	2009-12	mg/L													
Lead	2010-02	mg/L													
Lead	2010-04	mg/L													
Lead	2010-06	mg/L													
Lead	2010-08	mg/L													
Lead	2010-10	mg/L													
Lead	2010-12	mg/L													
Lead	2011-02	mg/L													
Lead	2011-04	mg/L													
Lead	2011-06	mg/L													
Lead	2011-10	mg/L													
Lead	2011-12	mg/L													
Lead	2012-02	mg/L					**0.000170 J**		**0.00290**	**0.00251**	**0.00134**	**0.00409**	**0.00176**		
Lead	2012-04	mg/L					**0.000650 J**		**0.00415**	**0.000250 J**	**0.000750 J**	**0.00180 J**	**0.000200 J**		
Lead	2012-06	mg/L					**0.00326**		**0.00475**	**0.000490 J**	**0.000260 J**	**0.00188**	**0.000120 J**		
Lead	2012-08	mg/L					**0.000560**		**0.00479**	**0.00391**	**0.00234**	**0.00537**	**0.000800**		
Lead	2012-10	mg/L		< 0.00500 J	< 0.0100		**0.000400 J**		**0.00682**	**0.000960**	**0.000230 J**	**0.00105**	**0.000140 J**		
Lead	2013-01	mg/L		< 0.00400	**0.00308 J**										
Lead	2013-04	mg/L		**0.00387**	**0.00253**		**0.00110**		**0.00279**	**0.00143**	**0.00414**	**0.000853**	< 0.000500		
Lead	2013-06	mg/L		**0.00106 J**	**0.00623**										
Lead	2013-08	mg/L		**0.000737**	**0.00117**										
Lead	2013-10	mg/L		**0.000847 J**	**0.00180**		**0.000188 J**		**0.00467**	**0.000230 J**	**0.000434 J**	< 0.00100	< 0.00100		
Lead	2013-12	mg/L		**0.00105**	**0.000563 J**										
Lead	2014-03	mg/L		**0.000519 J**	**0.000548 J**		**0.00170**		**0.000321 J**	**0.000227 J**	**0.000451 J**	< 0.00100	**0.000308 J**		
Lead	2014-09	mg/L		< 0.000500	< 0.000500		**0.000170 J**		< 0.000500	< 0.000500	**0.000960**	< 0.000500	< 0.000500		
Lead	2015-05	mg/L		< 0.0005	< 0.0005		< 0.0005		< 0.0005	< 0.0005 J	< 0.0005 J	< 0.0005	< 0.0005		
Lead	2015-10	mg/L	< 0.0005	< 0.0005	< 0.0005	**0.000136 J**	**0.000218 J**		< 0.0005	< 0.0005	**0.000104 J**	< 0.0005	< 0.0005		
Lead	2016-01	mg/L									< 0.0005	< 0.0005			
Lead	2016-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2016-07	mg/L													
Lead	2016-09	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2016-12	mg/L													

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Lead	2017-03	mg/L		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2017-08	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2018-03	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2018-06	mg/L													
Lead	2018-09	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000624**	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2018-11	mg/L													
Lead	2019-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		~~< 0.0005~~
Lead	2019-07	mg/L													
Lead	2019-10	mg/L	**0.000582**	**0.000789**	< 0.0005	< 0.0005	< 0.0005	**0.000312 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2020-04	mg/L		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2020-10	mg/L	< 0.0005	< 0.0005	**0.000291 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000213 J**	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2021-05	mg/L	**0.000474 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000368 J**	< 0.0005	< 0.0005
Lead	2021-10	mg/L		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2022-04	mg/L		< 0.0005		< 0.0005						< 0.0005	< 0.0005		< 0.0005
Lead	2022-10	mg/L	**0.000258 J**	**0.00024 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2023-05	mg/L	< 0.0005	< 0.0005		< 0.0005				**0.000308 J**		< 0.0005	< 0.0005		< 0.0005
Lead	2023-08	mg/L								< 0.0005					
Lead	2023-11	mg/L		< 0.0005	**0.00024 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000434 J**	< 0.0005	< 0.0005		< 0.0005
Lead	2024-02	mg/L								< 0.0005					
Lead	2024-04	mg/L		< 0.0005									< 0.0005		< 0.0005
Lead	2024-05	mg/L				< 0.0005						< 0.0005			
Lead	2024-09	mg/L													
Lead	2024-10	mg/L	< 0.0005	**0.00037 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lead	2025-04	mg/L	< 0.0005	< 0.0005		< 0.0005						< 0.0005	< 0.0005		< 0.0005
Lead	2025-10	mg/L		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005
Lindane (BHC, Gamma-)	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Lindane (BHC, Gamma-)	2009-07	ug/L							< 0.0320						
Lindane (BHC, Gamma-)	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Lindane (BHC, Gamma-)	2011-06	ug/L											< 0.0320		
Lindane (BHC, Gamma-)	2012-04	ug/L											< 0.0320		
Lindane (BHC, Gamma-)	2012-06	ug/L													
Lindane (BHC, Gamma-)	2013-10	ug/L													
Lindane (BHC, Gamma-)	2014-03	ug/L			< 0.0352	**0.00548 J**	**0.00355 J**	**0.00509 J**	< 0.0340		< 0.0337				
Lindane (BHC, Gamma-)	2014-06	ug/L				< 0.0333	< 0.0330	< 0.0333							
Lindane (BHC, Gamma-)	2014-09	ug/L				< 0.0356	< 0.0372	< 0.0356							
Lindane (BHC, Gamma-)	2014-12	ug/L				< 0.0356	< 0.0348	< 0.0352							
Lindane (BHC, Gamma-)	2015-05	ug/L				< 0.0333	< 0.0348	< 0.0348							< 0.0337
Lindane (BHC, Gamma-)	2015-10	ug/L													
Lindane (BHC, Gamma-)	2016-01	ug/L													
Lindane (BHC, Gamma-)	2016-04	ug/L													< 0.0327
Lindane (BHC, Gamma-)	2017-03	ug/L											< 0.16		
Lindane (BHC, Gamma-)	2018-03	ug/L													
Lindane (BHC, Gamma-)	2018-06	ug/L													
Lindane (BHC, Gamma-)	2018-09	ug/L													
Lindane (BHC, Gamma-)	2018-11	ug/L													
Lindane (BHC, Gamma-)	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
Lindane (BHC, Gamma-)	2019-07	ug/L													
Lindane (BHC, Gamma-)	2021-05	ug/L													< 0.0395
Lindane (BHC, Gamma-)	2022-04	ug/L											< 0.0696		
Lindane (BHC, Gamma-)	2023-05	ug/L								< 0.0681					
Lindane (BHC, Gamma-)	2023-08	ug/L								< 0.0744					
Lindane (BHC, Gamma-)	2023-11	ug/L								< 0.0667					
Lindane (BHC, Gamma-)	2024-02	ug/L								< 0.0593					

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Lead	2017-03	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2017-08	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2018-03	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2018-06	mg/L									< 0.0005				
Lead	2018-09	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2018-11	mg/L							< 0.0005						
Lead	2019-04	mg/L	< 0.0005	< 0.0005	**0.000623**	< 0.0005	**0.000206 J**		< 0.0005	< 0.0005	< 0.0005	**0.000243 J**	~~< 0.0005~~		
Lead	2019-07	mg/L										< 0.0005			
Lead	2019-10	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	**0.000717**	< 0.0005	< 0.0005		
Lead	2020-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2020-10	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000413 J**		**0.000168 J**	**0.00146 J**	**0.000163 J**	< 0.0005	< 0.0005		
Lead	2021-05	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	**0.000222 J**	< 0.0005	< 0.0005		
Lead	2021-10	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000361 J**		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2022-04	mg/L	< 0.002	< 0.0005	< 0.0005	< 0.0005	< 0.0005					< 0.0005	< 0.0005		
Lead	2022-10	mg/L	**0.000264 J**	< 0.0005	< 0.0005	< 0.0005	**0.000259 J**		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2023-05	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005		< 0.0005	**0.000342 J**		
Lead	2023-08	mg/L								< 0.0005					
Lead	2023-11	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lead	2024-02	mg/L								< 0.0005					
Lead	2024-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005					< 0.0005	< 0.0005		
Lead	2024-05	mg/L													
Lead	2024-09	mg/L		< 0.0005	< 0.0005	< 0.0005							< 0.0005		
Lead	2024-10	mg/L	< 0.0005				**0.000506**		< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Lead	2025-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005					< 0.0005	~~**0.000456 J**~~		
Lead	2025-10	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		
Lindane (BHC, Gamma-)	2009-04	ug/L													
Lindane (BHC, Gamma-)	2009-07	ug/L													
Lindane (BHC, Gamma-)	2010-04	ug/L													
Lindane (BHC, Gamma-)	2011-06	ug/L													
Lindane (BHC, Gamma-)	2012-04	ug/L													
Lindane (BHC, Gamma-)	2012-06	ug/L					< 0.0320		< 0.0320						
Lindane (BHC, Gamma-)	2013-10	ug/L					< 0.0327		< 0.0327						
Lindane (BHC, Gamma-)	2014-03	ug/L													
Lindane (BHC, Gamma-)	2014-06	ug/L													
Lindane (BHC, Gamma-)	2014-09	ug/L													
Lindane (BHC, Gamma-)	2014-12	ug/L													
Lindane (BHC, Gamma-)	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
Lindane (BHC, Gamma-)	2015-10	ug/L									< 0.162				
Lindane (BHC, Gamma-)	2016-01	ug/L									< 0.032	< 0.032			
Lindane (BHC, Gamma-)	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Lindane (BHC, Gamma-)	2017-03	ug/L	< 0.0323			< 0.0337									
Lindane (BHC, Gamma-)	2018-03	ug/L									< 0.032				
Lindane (BHC, Gamma-)	2018-06	ug/L									< 0.0364				
Lindane (BHC, Gamma-)	2018-09	ug/L					**0.00214 J**		< 0.0344						
Lindane (BHC, Gamma-)	2018-11	ug/L							< 0.0333						
Lindane (BHC, Gamma-)	2019-04	ug/L										**0.00262 J**			
Lindane (BHC, Gamma-)	2019-07	ug/L										< 0.0356			
Lindane (BHC, Gamma-)	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Lindane (BHC, Gamma-)	2022-04	ug/L													
Lindane (BHC, Gamma-)	2023-05	ug/L								< 0.0711					
Lindane (BHC, Gamma-)	2023-08	ug/L								< 0.0696					
Lindane (BHC, Gamma-)	2023-11	ug/L							< 0.0667	< 0.0681	< 0.0681				
Lindane (BHC, Gamma-)	2024-02	ug/L								< 0.064					

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Lindane (BHC, Gamma-)	2024-04	ug/L													< 0.064
Lindane (BHC, Gamma-)	2024-05	ug/L				< 0.064									
Lindane (BHC, Gamma-)	2024-10	ug/L			< 0.0919				< 0.0921						
m/p-Cresol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
m/p-Cresol	2009-07	ug/L							< 10.0						
m/p-Cresol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
m/p-Cresol	2011-06	ug/L											< 10.0		
m/p-Cresol	2012-04	ug/L											< 10.0		
m/p-Cresol	2012-06	ug/L													
m/p-Cresol	2015-10	ug/L													
m/p-Cresol	2016-01	ug/L													
m/p-Cresol	2016-04	ug/L													< 10.3
m/p-Cresol	2017-03	ug/L											**0.264 J**		
m/p-Cresol	2018-03	ug/L													
m/p-Cresol	2018-06	ug/L													
m/p-Cresol	2018-09	ug/L													
m/p-Cresol	2018-11	ug/L													
m/p-Cresol	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
m/p-Cresol	2019-07	ug/L													
m/p-Cresol	2021-05	ug/L													< 10.9
m/p-Cresol	2022-04	ug/L											< 10		
m/p-Cresol	2023-08	ug/L								< 12.8					
m/p-Cresol	2023-11	ug/L								< 10.2					
m/p-Cresol	2024-02	ug/L								< 9.26					
m/p-Cresol	2024-04	ug/L													< 10
m/p-Cresol	2024-05	ug/L				< 10									
m/p-Cresol	2024-10	ug/L			< 10.4				< 10.4						
Mercury	2009-04	mg/L			< 0.000200	< 0.000200	< 0.000200	< 0.000200			< 0.000200				
Mercury	2009-07	mg/L							< 0.000200						
Mercury	2010-04	mg/L			< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200		< 0.000200				
Mercury	2011-06	mg/L											< 0.000200		
Mercury	2012-04	mg/L											< 0.000200		
Mercury	2012-06	mg/L													
Mercury	2012-08	mg/L													
Mercury	2012-10	mg/L													
Mercury	2013-01	mg/L													
Mercury	2013-04	mg/L													
Mercury	2013-10	mg/L													
Mercury	2014-03	mg/L			< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200		< 0.000200				
Mercury	2015-10	mg/L													
Mercury	2016-01	mg/L													
Mercury	2016-04	mg/L													< 0.0002
Mercury	2017-03	mg/L											< 0.0002		
Mercury	2018-03	mg/L													
Mercury	2018-06	mg/L													
Mercury	2018-09	mg/L													
Mercury	2018-11	mg/L													
Mercury	2019-04	mg/L			< 0.0002	< 0.0002			< 0.0002						~~< 0.0002~~
Mercury	2019-07	mg/L													
Mercury	2019-10	mg/L													< 0.0002
Mercury	2020-04	mg/L													< 0.0002
Mercury	2020-10	mg/L													< 0.0002
Mercury	2021-05	mg/L													< 0.0002

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Lindane (BHC, Gamma-)	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Lindane (BHC, Gamma-)	2024-05	ug/L													
Lindane (BHC, Gamma-)	2024-10	ug/L													
m/p-Cresol	2009-04	ug/L													
m/p-Cresol	2009-07	ug/L													
m/p-Cresol	2010-04	ug/L													
m/p-Cresol	2011-06	ug/L													
m/p-Cresol	2012-04	ug/L													
m/p-Cresol	2012-06	ug/L					< 10.0		< 10.0						
m/p-Cresol	2015-10	ug/L									< 10				
m/p-Cresol	2016-01	ug/L									< 10.2	< 10			
m/p-Cresol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
m/p-Cresol	2017-03	ug/L	< 10.4			< 10.4									
m/p-Cresol	2018-03	ug/L									< 10				
m/p-Cresol	2018-06	ug/L									< 10.8				
m/p-Cresol	2018-09	ug/L					< 10.9		< 54.3						
m/p-Cresol	2018-11	ug/L							< 10.9						
m/p-Cresol	2019-04	ug/L										**0.643 J**			
m/p-Cresol	2019-07	ug/L										< 10.8			
m/p-Cresol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
m/p-Cresol	2022-04	ug/L													
m/p-Cresol	2023-08	ug/L								< 11.6					
m/p-Cresol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
m/p-Cresol	2024-02	ug/L								< 10					
m/p-Cresol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
m/p-Cresol	2024-05	ug/L													
m/p-Cresol	2024-10	ug/L													
Mercury	2009-04	mg/L													
Mercury	2009-07	mg/L													
Mercury	2010-04	mg/L													
Mercury	2011-06	mg/L													
Mercury	2012-04	mg/L													
Mercury	2012-06	mg/L					**0.0000270 J**		**0.0000495 J**						
Mercury	2012-08	mg/L					< 0.000200		< 0.000200						
Mercury	2012-10	mg/L					< 0.000200		**0.0000340 J**						
Mercury	2013-01	mg/L					**0.0000296 J**		**0.0000281 J**						
Mercury	2013-04	mg/L					< 0.000200		< 0.000200						
Mercury	2013-10	mg/L					< 0.000200		< 0.000200						
Mercury	2014-03	mg/L													
Mercury	2015-10	mg/L									< 0.0002 J				
Mercury	2016-01	mg/L									< 0.0002	< 0.0002			
Mercury	2016-04	mg/L		< 0.0002	< 0.0002						< 0.0002	< 0.0002	< 0.0002		
Mercury	2017-03	mg/L	< 0.0002			< 0.0002									
Mercury	2018-03	mg/L									**0.000167 J**				
Mercury	2018-06	mg/L									< 0.0002				
Mercury	2018-09	mg/L					< 0.0002		**0.0014**						
Mercury	2018-11	mg/L							< 0.0002						
Mercury	2019-04	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002			< 0.0002			< 0.0002	~~< 0.0002~~		
Mercury	2019-07	mg/L										< 0.0002			
Mercury	2019-10	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002			< 0.0002				< 0.0002		
Mercury	2020-04	mg/L		< 0.0002	< 0.0002	< 0.0002	< 0.0002		< 0.0002				< 0.0002		
Mercury	2020-10	mg/L		< 0.0002	< 0.0002	< 0.0002	< 0.0002		< 0.0002				< 0.0002		
Mercury	2021-05	mg/L		< 0.0002	< 0.0002	< 0.0002	< 0.0002		< 0.0002				< 0.0002		

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Mercury	2021-10	mg/L													< 0.0002
Mercury	2022-04	mg/L											< 0.0002		
Mercury	2022-10	mg/L													< 0.0002
Mercury	2023-05	mg/L								< 0.0002					
Mercury	2023-08	mg/L								< 0.0002					
Mercury	2023-11	mg/L								< 0.0002					
Mercury	2024-02	mg/L								< 0.0002					
Mercury	2024-04	mg/L													< 0.0002
Mercury	2024-05	mg/L				< 0.0002									
Mercury	2024-09	mg/L													
Mercury	2024-10	mg/L			< 0.0002				< 0.0002						< 0.0002
Mercury	2025-10	mg/L													< 0.0002
Methacrylonitrile	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00			< 1.00				
Methacrylonitrile	2009-07	ug/L							< 1.00						
Methacrylonitrile	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
Methacrylonitrile	2011-06	ug/L											< 1.00		
Methacrylonitrile	2012-04	ug/L											< 1.00		
Methacrylonitrile	2012-06	ug/L													
Methacrylonitrile	2013-10	ug/L													
Methacrylonitrile	2014-03	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00				
Methacrylonitrile	2015-10	ug/L													
Methacrylonitrile	2016-01	ug/L													
Methacrylonitrile	2016-04	ug/L													< 10
Methacrylonitrile	2017-03	ug/L											< 10		
Methacrylonitrile	2018-03	ug/L													
Methacrylonitrile	2018-06	ug/L													
Methacrylonitrile	2018-09	ug/L													
Methacrylonitrile	2018-11	ug/L													
Methacrylonitrile	2019-04	ug/L			< 10	< 10			< 10						
Methacrylonitrile	2019-07	ug/L													
Methacrylonitrile	2021-05	ug/L													< 10
Methacrylonitrile	2022-04	ug/L											< 10		
Methacrylonitrile	2023-05	ug/L								< 10					
Methacrylonitrile	2023-08	ug/L								< 10					
Methacrylonitrile	2023-11	ug/L								< 10					
Methacrylonitrile	2024-02	ug/L								< 10					
Methacrylonitrile	2024-04	ug/L													< 10
Methacrylonitrile	2024-05	ug/L				< 10									
Methacrylonitrile	2024-10	ug/L			< 10				< 10						
Methapyrilene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Methapyrilene	2009-07	ug/L							< 10.0						
Methapyrilene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Methapyrilene	2011-06	ug/L											< 10.0		
Methapyrilene	2012-04	ug/L											< 10.0		
Methapyrilene	2012-06	ug/L													
Methapyrilene	2013-10	ug/L													
Methapyrilene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Methapyrilene	2015-10	ug/L													
Methapyrilene	2016-01	ug/L													
Methapyrilene	2016-04	ug/L													< 10.3
Methapyrilene	2017-03	ug/L											< 10.1		
Methapyrilene	2018-03	ug/L													
Methapyrilene	2018-06	ug/L													

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Mercury	2021-10	mg/L		< 0.0002	< 0.0002	< 0.0002	< 0.0002		< 0.0002				< 0.0002		
Mercury	2022-04	mg/L													
Mercury	2022-10	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002			< 0.0002				< 0.0002		
Mercury	2023-05	mg/L								< 0.0002					
Mercury	2023-08	mg/L								< 0.0002					
Mercury	2023-11	mg/L							< 0.0002	< 0.0002	< 0.0002				
Mercury	2024-02	mg/L								< 0.0002					
Mercury	2024-04	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002						< 0.0002		
Mercury	2024-05	mg/L													
Mercury	2024-09	mg/L		< 0.0002	< 0.0002	< 0.0002							< 0.0002		
Mercury	2024-10	mg/L	< 0.0002						< 0.0002						
Mercury	2025-10	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002			< 0.0002				< 0.0002		
Methacrylonitrile	2009-04	ug/L													
Methacrylonitrile	2009-07	ug/L													
Methacrylonitrile	2010-04	ug/L													
Methacrylonitrile	2011-06	ug/L													
Methacrylonitrile	2012-04	ug/L													
Methacrylonitrile	2012-06	ug/L					< 1.00		< 1.00						
Methacrylonitrile	2013-10	ug/L					< 1.00		< 1.00						
Methacrylonitrile	2014-03	ug/L													
Methacrylonitrile	2015-10	ug/L									< 10				
Methacrylonitrile	2016-01	ug/L									< 10	< 10			
Methacrylonitrile	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Methacrylonitrile	2017-03	ug/L	< 10			< 10									
Methacrylonitrile	2018-03	ug/L									< 10				
Methacrylonitrile	2018-06	ug/L									< 10				
Methacrylonitrile	2018-09	ug/L					< 10		< 10						
Methacrylonitrile	2018-11	ug/L							< 10						
Methacrylonitrile	2019-04	ug/L										< 10			
Methacrylonitrile	2019-07	ug/L										< 10			
Methacrylonitrile	2021-05	ug/L	< 10	< 10	< 10	< 10							< 10		
Methacrylonitrile	2022-04	ug/L													
Methacrylonitrile	2023-05	ug/L								< 10					
Methacrylonitrile	2023-08	ug/L								< 10					
Methacrylonitrile	2023-11	ug/L							< 10	< 10	< 10				
Methacrylonitrile	2024-02	ug/L								< 10					
Methacrylonitrile	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10						< 10		
Methacrylonitrile	2024-05	ug/L													
Methacrylonitrile	2024-10	ug/L													
Methapyrilene	2009-04	ug/L													
Methapyrilene	2009-07	ug/L													
Methapyrilene	2010-04	ug/L													
Methapyrilene	2011-06	ug/L													
Methapyrilene	2012-04	ug/L													
Methapyrilene	2012-06	ug/L					< 10.0		< 10.0						
Methapyrilene	2013-10	ug/L					< 10.3		< 10.3						
Methapyrilene	2014-03	ug/L													
Methapyrilene	2015-10	ug/L									< 10				
Methapyrilene	2016-01	ug/L									< 10.2	< 10			
Methapyrilene	2016-04	ug/L		< 10	**0.621 J**						**0.625 J**	**0.618 J**	< 10		
Methapyrilene	2017-03	ug/L	< 10.4			< 10.4									
Methapyrilene	2018-03	ug/L									< 10				
Methapyrilene	2018-06	ug/L									< 10.8				

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Methapyrilene	2018-09	ug/L													
Methapyrilene	2018-11	ug/L													
Methapyrilene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Methapyrilene	2019-07	ug/L													
Methapyrilene	2021-05	ug/L													< 10.9
Methapyrilene	2022-04	ug/L											~~< 10 R~~		
Methapyrilene	2022-10	ug/L											< 7.94		< 8.47
Methapyrilene	2023-05	ug/L								< 10.4					
Methapyrilene	2023-08	ug/L								< 12.8					
Methapyrilene	2023-11	ug/L								~~< 10.2 R~~					
Methapyrilene	2024-02	ug/L								< 9.26					
Methapyrilene	2024-04	ug/L													< 10
Methapyrilene	2024-05	ug/L				< 10									
Methapyrilene	2024-10	ug/L			< 10.4				< 10.4						
Methoxychlor	2009-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Methoxychlor	2009-07	ug/L							< 0.0320						
Methoxychlor	2010-04	ug/L			< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320				
Methoxychlor	2011-06	ug/L											< 0.0320		
Methoxychlor	2012-04	ug/L											< 0.0320		
Methoxychlor	2012-06	ug/L													
Methoxychlor	2013-10	ug/L													
Methoxychlor	2014-03	ug/L			**0.00565 J**	**0.00700 J**	**0.0930**	**0.158**	**0.0362**		**0.0253 J**				
Methoxychlor	2014-06	ug/L			**0.0123 J**	< 0.0333	< 0.0330	< 0.0333	< 0.0344		< 0.0340				
Methoxychlor	2014-09	ug/L			< 0.0356	**0.00522 J**	< 0.0372	< 0.0356	< 0.0352		< 0.0360				
Methoxychlor	2014-12	ug/L			< 0.0352	< 0.0356	< 0.0348	< 0.0352	< 0.0333		< 0.0368				
Methoxychlor	2015-05	ug/L			< 0.0323	< 0.0333	< 0.0348	< 0.0348	< 0.0337		< 0.032				< 0.0337
Methoxychlor	2015-10	ug/L					< 0.0333	< 0.032	< 0.032						< 0.0327
Methoxychlor	2016-01	ug/L													
Methoxychlor	2016-04	ug/L							< 0.032						< 0.0327
Methoxychlor	2016-09	ug/L							< 0.032						< 0.032
Methoxychlor	2017-03	ug/L							< 0.0337				< 0.16		< 0.032
Methoxychlor	2017-08	ug/L							< 0.033						< 0.0337
Methoxychlor	2018-03	ug/L							**0.0178 J**						< 0.0333
Methoxychlor	2018-06	ug/L													
Methoxychlor	2018-09	ug/L							**0.0157 J**						< 0.0352
Methoxychlor	2018-11	ug/L													
Methoxychlor	2019-04	ug/L			< 0.0352	< 0.0348			< 0.0344						
Methoxychlor	2019-07	ug/L													
Methoxychlor	2019-10	ug/L							< 0.0346						< 0.0346
Methoxychlor	2020-04	ug/L							< 0.04						< 0.04
Methoxychlor	2020-10	ug/L							< 0.0344						< 0.0337
Methoxychlor	2021-05	ug/L							< 0.0356						< 0.0395
Methoxychlor	2021-10	ug/L							< 0.0337						< 0.0396
Methoxychlor	2022-04	ug/L											< 0.0696		
Methoxychlor	2022-10	ug/L							< 0.0552						< 0.0552
Methoxychlor	2023-05	ug/L								< 0.0681					
Methoxychlor	2023-08	ug/L								< 0.0744					
Methoxychlor	2023-11	ug/L							< 0.0667	< 0.0667					< 0.0696
Methoxychlor	2024-02	ug/L								< 0.0593					
Methoxychlor	2024-04	ug/L													< 0.064
Methoxychlor	2024-05	ug/L				< 0.064									
Methoxychlor	2024-10	ug/L			< 0.0919				< 0.0921						
Methoxychlor	2025-10	ug/L							< 0.0941						< 0.0916

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Methapyrilene	2018-09	ug/L					< 10.9		< 54.3						
Methapyrilene	2018-11	ug/L							< 10.9						
Methapyrilene	2019-04	ug/L										< 11.1			
Methapyrilene	2019-07	ug/L										< 10.8			
Methapyrilene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Methapyrilene	2022-04	ug/L													
Methapyrilene	2022-10	ug/L	< 7.94	< 8.62	< 8.06	< 8.33							< 8.47		
Methapyrilene	2023-05	ug/L								< 11.4					
Methapyrilene	2023-08	ug/L								< 11.6					
Methapyrilene	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
Methapyrilene	2024-02	ug/L								< 10					
Methapyrilene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Methapyrilene	2024-05	ug/L													
Methapyrilene	2024-10	ug/L													
Methoxychlor	2009-04	ug/L													
Methoxychlor	2009-07	ug/L													
Methoxychlor	2010-04	ug/L													
Methoxychlor	2011-06	ug/L													
Methoxychlor	2012-04	ug/L													
Methoxychlor	2012-06	ug/L					< 0.0320		< 0.0320						
Methoxychlor	2013-10	ug/L					< 0.0327		< 0.0327						
Methoxychlor	2014-03	ug/L													
Methoxychlor	2014-06	ug/L													
Methoxychlor	2014-09	ug/L													
Methoxychlor	2014-12	ug/L													
Methoxychlor	2015-05	ug/L		< 0.032	< 0.0323							< 0.032	< 0.032		
Methoxychlor	2015-10	ug/L		< 0.032	< 0.0323						< 0.162	**0.0026 J**	**0.00295 J**		
Methoxychlor	2016-01	ug/L									< 0.032	**0.00246 J**			
Methoxychlor	2016-04	ug/L		< 0.032	< 0.032						< 0.032	< 0.032	< 0.0323		
Methoxychlor	2016-09	ug/L	< 0.0323	< 0.032	< 0.0323	< 0.033							< 0.032		
Methoxychlor	2017-03	ug/L	< 0.0323	< 0.0337	< 0.033	< 0.0337							< 0.0344		
Methoxychlor	2017-08	ug/L	< 0.0337	< 0.033	< 0.0384	< 0.0337							**0.00313 J**		
Methoxychlor	2018-03	ug/L	< 0.0333	< 0.0337	< 0.0327	**0.00264 J**					< 0.032		**0.0077 J**		
Methoxychlor	2018-06	ug/L									< 0.0364				
Methoxychlor	2018-09	ug/L	**0.00988 J**	< 0.034	**0.00249 J**	< 0.0344	< 0.0348		**0.00367 J**				< 0.0372		
Methoxychlor	2018-11	ug/L							< 0.0333						
Methoxychlor	2019-04	ug/L										< 0.0352			
Methoxychlor	2019-07	ug/L										< 0.0356			
Methoxychlor	2019-10	ug/L	< 0.035	< 0.0344	< 0.0348	< 0.0342							< 0.0342		
Methoxychlor	2020-04	ug/L	< 0.036	< 0.0376	< 0.0364	< 0.0364							< 0.034		
Methoxychlor	2020-10	ug/L	< 0.0344	< 0.04	< 0.04	< 0.0376							< 0.034		
Methoxychlor	2021-05	ug/L	< 0.0337	< 0.0344	< 0.034	< 0.0364							< 0.0381		
Methoxychlor	2021-10	ug/L	< 0.0376	< 0.0344	< 0.0372	< 0.032							< 0.0337		
Methoxychlor	2022-04	ug/L													
Methoxychlor	2022-10	ug/L	< 0.0542	< 0.05	< 0.05	< 0.05							< 0.0552		
Methoxychlor	2023-05	ug/L								< 0.0711					
Methoxychlor	2023-08	ug/L								< 0.0696					
Methoxychlor	2023-11	ug/L	< 0.064	< 0.0744	< 0.0762	< 0.0727	< 0.0593		< 0.0667	< 0.0681	< 0.0681		< 0.0681		
Methoxychlor	2024-02	ug/L								< 0.064					
Methoxychlor	2024-04	ug/L	< 0.0667	< 0.064	< 0.0681	< 0.064	< 0.0653						< 0.064		
Methoxychlor	2024-05	ug/L													
Methoxychlor	2024-10	ug/L													
Methoxychlor	2025-10	ug/L	< 0.0931	< 0.0946	< 0.0964	< 0.0928							< 0.0923		

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Methyl Methacrylate	2009-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				
Methyl Methacrylate	2009-07	ug/L							< 2.00						
Methyl Methacrylate	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00		< 4.00				
Methyl Methacrylate	2011-06	ug/L											< 2.00		
Methyl Methacrylate	2012-04	ug/L											< 2.00		
Methyl Methacrylate	2012-06	ug/L													
Methyl Methacrylate	2013-10	ug/L													
Methyl Methacrylate	2014-03	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		< 2.00				
Methyl Methacrylate	2015-10	ug/L													
Methyl Methacrylate	2016-01	ug/L													
Methyl Methacrylate	2016-04	ug/L													< 2
Methyl Methacrylate	2017-03	ug/L											< 2		
Methyl Methacrylate	2018-03	ug/L													
Methyl Methacrylate	2018-06	ug/L													
Methyl Methacrylate	2018-09	ug/L													
Methyl Methacrylate	2018-11	ug/L													
Methyl Methacrylate	2019-04	ug/L			< 2	< 2			< 2						
Methyl Methacrylate	2019-07	ug/L													
Methyl Methacrylate	2021-05	ug/L													< 2
Methyl Methacrylate	2022-04	ug/L											< 2		
Methyl Methacrylate	2023-05	ug/L								< 2					
Methyl Methacrylate	2023-08	ug/L								< 2					
Methyl Methacrylate	2023-11	ug/L								< 2					
Methyl Methacrylate	2024-02	ug/L								< 2					
Methyl Methacrylate	2024-04	ug/L													< 2
Methyl Methacrylate	2024-05	ug/L				< 2									
Methyl Methacrylate	2024-10	ug/L			< 2				< 2						
Methyl Methanesulfonate	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Methyl Methanesulfonate	2009-07	ug/L							< 10.0						
Methyl Methanesulfonate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Methyl Methanesulfonate	2011-06	ug/L											< 10.0		
Methyl Methanesulfonate	2012-04	ug/L											< 10.0		
Methyl Methanesulfonate	2012-06	ug/L													
Methyl Methanesulfonate	2013-10	ug/L													
Methyl Methanesulfonate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Methyl Methanesulfonate	2015-10	ug/L													
Methyl Methanesulfonate	2016-01	ug/L													
Methyl Methanesulfonate	2016-04	ug/L													< 10.3
Methyl Methanesulfonate	2017-03	ug/L											< 10.1		
Methyl Methanesulfonate	2018-03	ug/L													
Methyl Methanesulfonate	2018-06	ug/L													
Methyl Methanesulfonate	2018-09	ug/L													
Methyl Methanesulfonate	2018-11	ug/L													
Methyl Methanesulfonate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Methyl Methanesulfonate	2019-07	ug/L													
Methyl Methanesulfonate	2021-05	ug/L													< 10.9
Methyl Methanesulfonate	2022-04	ug/L											< 10		
Methyl Methanesulfonate	2023-05	ug/L								< 10.4					
Methyl Methanesulfonate	2023-08	ug/L								< 12.8					
Methyl Methanesulfonate	2023-11	ug/L								< 10.2					
Methyl Methanesulfonate	2024-02	ug/L								< 9.26					
Methyl Methanesulfonate	2024-04	ug/L													< 10
Methyl Methanesulfonate	2024-05	ug/L				< 10									

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Methyl Methacrylate	2009-04	ug/L													
Methyl Methacrylate	2009-07	ug/L													
Methyl Methacrylate	2010-04	ug/L													
Methyl Methacrylate	2011-06	ug/L													
Methyl Methacrylate	2012-04	ug/L													
Methyl Methacrylate	2012-06	ug/L					< 2.00		< 2.00						
Methyl Methacrylate	2013-10	ug/L					< 2.00		< 2.00						
Methyl Methacrylate	2014-03	ug/L													
Methyl Methacrylate	2015-10	ug/L									< 2				
Methyl Methacrylate	2016-01	ug/L									< 2	< 2			
Methyl Methacrylate	2016-04	ug/L		< 2	< 2						< 2	< 2	< 2		
Methyl Methacrylate	2017-03	ug/L	< 2			< 2									
Methyl Methacrylate	2018-03	ug/L									< 2				
Methyl Methacrylate	2018-06	ug/L									< 2				
Methyl Methacrylate	2018-09	ug/L					< 2		< 2						
Methyl Methacrylate	2018-11	ug/L							< 2						
Methyl Methacrylate	2019-04	ug/L										< 2			
Methyl Methacrylate	2019-07	ug/L										< 2			
Methyl Methacrylate	2021-05	ug/L	< 2	< 2	< 2	< 2							< 2		
Methyl Methacrylate	2022-04	ug/L													
Methyl Methacrylate	2023-05	ug/L								< 2					
Methyl Methacrylate	2023-08	ug/L								< 2					
Methyl Methacrylate	2023-11	ug/L							< 2	< 2	< 2				
Methyl Methacrylate	2024-02	ug/L								< 2					
Methyl Methacrylate	2024-04	ug/L	< 2	< 2	< 2	< 2	< 2						< 2		
Methyl Methacrylate	2024-05	ug/L													
Methyl Methacrylate	2024-10	ug/L													
Methyl Methanesulfonate	2009-04	ug/L													
Methyl Methanesulfonate	2009-07	ug/L													
Methyl Methanesulfonate	2010-04	ug/L													
Methyl Methanesulfonate	2011-06	ug/L													
Methyl Methanesulfonate	2012-04	ug/L													
Methyl Methanesulfonate	2012-06	ug/L					< 10.0		< 10.0						
Methyl Methanesulfonate	2013-10	ug/L					< 10.3		< 10.3						
Methyl Methanesulfonate	2014-03	ug/L													
Methyl Methanesulfonate	2015-10	ug/L									< 10				
Methyl Methanesulfonate	2016-01	ug/L									< 10.2	< 10			
Methyl Methanesulfonate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Methyl Methanesulfonate	2017-03	ug/L	< 10.4			< 10.4									
Methyl Methanesulfonate	2018-03	ug/L									< 10				
Methyl Methanesulfonate	2018-06	ug/L									< 10.8				
Methyl Methanesulfonate	2018-09	ug/L					< 10.9		< 54.3						
Methyl Methanesulfonate	2018-11	ug/L							< 10.9						
Methyl Methanesulfonate	2019-04	ug/L										< 11.1			
Methyl Methanesulfonate	2019-07	ug/L										< 10.8			
Methyl Methanesulfonate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Methyl Methanesulfonate	2022-04	ug/L													
Methyl Methanesulfonate	2023-05	ug/L								< 11.4					
Methyl Methanesulfonate	2023-08	ug/L								< 11.6					
Methyl Methanesulfonate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Methyl Methanesulfonate	2024-02	ug/L								< 10					
Methyl Methanesulfonate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Methyl Methanesulfonate	2024-05	ug/L													

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Methyl Methanesulfonate	2024-10	ug/L			< 10.4				< 10.4						
Methyl Parathion	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Methyl Parathion	2009-07	ug/L							< 10.0						
Methyl Parathion	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Methyl Parathion	2011-06	ug/L											< 10.0		
Methyl Parathion	2012-04	ug/L											< 10.0		
Methyl Parathion	2012-06	ug/L													
Methyl Parathion	2013-10	ug/L													
Methyl Parathion	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Methyl Parathion	2015-10	ug/L													
Methyl Parathion	2016-01	ug/L													
Methyl Parathion	2016-04	ug/L													< 10.3
Methyl Parathion	2017-03	ug/L											< 10.1		
Methyl Parathion	2018-03	ug/L													
Methyl Parathion	2018-06	ug/L													
Methyl Parathion	2018-09	ug/L													
Methyl Parathion	2018-11	ug/L													
Methyl Parathion	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Methyl Parathion	2019-07	ug/L													
Methyl Parathion	2021-05	ug/L													< 10.9
Methyl Parathion	2022-04	ug/L											< 10		
Methyl Parathion	2023-05	ug/L								< 10.4					
Methyl Parathion	2023-08	ug/L								< 12.8					
Methyl Parathion	2023-11	ug/L								< 10.2					
Methyl Parathion	2024-02	ug/L								< 9.26					
Methyl Parathion	2024-04	ug/L													< 10
Methyl Parathion	2024-05	ug/L				< 10									
Methyl Parathion	2024-10	ug/L			< 10.4				< 10.4						
Methylene Chloride	2007-10	ug/L			< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	
Methylene Chloride	2008-01	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Methylene Chloride	2008-04	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Methylene Chloride	2008-07	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Methylene Chloride	2008-10	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Methylene Chloride	2009-04	ug/L			**1.72 J**	**1.61 J**	< 5.00	< 5.00	< 5.00	< 5.00	**0.910 J**	< 5.00	< 5.00	< 5.00	
Methylene Chloride	2009-07	ug/L							< 5.00			< 5.00			
Methylene Chloride	2009-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Methylene Chloride	2009-12	ug/L							< 5.00			< 5.00			
Methylene Chloride	2010-02	ug/L										< 5.00			
Methylene Chloride	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
Methylene Chloride	2010-06	ug/L										< 5.00			< 5.00
Methylene Chloride	2010-08	ug/L													< 5.00
Methylene Chloride	2010-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Methylene Chloride	2010-12	ug/L													< 5.00
Methylene Chloride	2011-02	ug/L													< 5.00
Methylene Chloride	2011-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Methylene Chloride	2011-06	ug/L											< 5.00		< 5.00
Methylene Chloride	2011-10	ug/L			< 5.00	**0.260 J**	< 5.00	**0.220 J**	**0.270 J**	< 5.00	< 5.00	< 5.00	**1.32 J**	< 5.00	< 5.00
Methylene Chloride	2011-12	ug/L	< 5.00												< 5.00
Methylene Chloride	2012-02	ug/L	**0.600 J**												
Methylene Chloride	2012-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	**0.170 J**	**0.470 J**	**0.380 J**	**0.180 J**	**1.39 J**	**0.250 J**	**0.320 J**
Methylene Chloride	2012-06	ug/L	< 5.00 J												
Methylene Chloride	2012-08	ug/L	< 5.00 J												
Methylene Chloride	2012-10	ug/L	< 5.00		< 5.00	**0.280 J**	**0.320 J**	**0.300 J**	**0.400 J**	**0.190 J**	**0.400 J**	< 5.00	**1.31 J**	< 5.00	< 5.00

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Methyl Methanesulfonate	2024-10	ug/L													
Methyl Parathion	2009-04	ug/L													
Methyl Parathion	2009-07	ug/L													
Methyl Parathion	2010-04	ug/L													
Methyl Parathion	2011-06	ug/L													
Methyl Parathion	2012-04	ug/L													
Methyl Parathion	2012-06	ug/L					< 10.0		< 10.0						
Methyl Parathion	2013-10	ug/L					< 10.3		< 10.3						
Methyl Parathion	2014-03	ug/L													
Methyl Parathion	2015-10	ug/L									< 10				
Methyl Parathion	2016-01	ug/L									< 10.2	< 10			
Methyl Parathion	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Methyl Parathion	2017-03	ug/L	< 10.4			< 10.4									
Methyl Parathion	2018-03	ug/L									< 10				
Methyl Parathion	2018-06	ug/L									< 10.8				
Methyl Parathion	2018-09	ug/L					< 10.9		< 54.3						
Methyl Parathion	2018-11	ug/L							< 10.9						
Methyl Parathion	2019-04	ug/L										< 11.1			
Methyl Parathion	2019-07	ug/L										< 10.8			
Methyl Parathion	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Methyl Parathion	2022-04	ug/L													
Methyl Parathion	2023-05	ug/L								< 11.4					
Methyl Parathion	2023-08	ug/L								< 11.6					
Methyl Parathion	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Methyl Parathion	2024-02	ug/L								< 10					
Methyl Parathion	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Methyl Parathion	2024-05	ug/L													
Methyl Parathion	2024-10	ug/L													
Methylene Chloride	2007-10	ug/L													
Methylene Chloride	2008-01	ug/L													
Methylene Chloride	2008-04	ug/L													
Methylene Chloride	2008-07	ug/L													
Methylene Chloride	2008-10	ug/L													
Methylene Chloride	2009-04	ug/L													
Methylene Chloride	2009-07	ug/L													
Methylene Chloride	2009-10	ug/L													
Methylene Chloride	2009-12	ug/L													
Methylene Chloride	2010-02	ug/L													
Methylene Chloride	2010-04	ug/L													
Methylene Chloride	2010-06	ug/L													
Methylene Chloride	2010-08	ug/L													
Methylene Chloride	2010-10	ug/L													
Methylene Chloride	2010-12	ug/L													
Methylene Chloride	2011-02	ug/L													
Methylene Chloride	2011-04	ug/L													
Methylene Chloride	2011-06	ug/L													
Methylene Chloride	2011-10	ug/L													
Methylene Chloride	2011-12	ug/L													
Methylene Chloride	2012-02	ug/L					**1.30 J**		**0.750 J**	**1.37 J**	**1.09 J**	**1.35 J**	**0.610 J**		
Methylene Chloride	2012-04	ug/L					**1.09 J**		< 5.00	**0.400 J**	**0.340 J**	< 5.00	**0.360 J**		
Methylene Chloride	2012-06	ug/L					< 5.00 J		< 5.00 J	< 5.00	< 5.00 J	< 5.00	< 5.00 J		
Methylene Chloride	2012-08	ug/L					< 5.00 J		**0.470 J**	**0.390 J**	**0.300 J**	**0.290 J**	< 5.00 J		
Methylene Chloride	2012-10	ug/L		**0.300 J**	< 5.00		**0.730 J**		**0.230 J**	< 5.00	< 5.00	< 5.00	< 5.00		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Methylene Chloride	2013-01	ug/L													
Methylene Chloride	2013-04	ug/L	**0.285 J**		< 5.00	< 5.00	< 5.00	< 5.00	**0.542 J**	< 5.00	**0.383 J**	**0.240 J**	**1.41 J**	< 5.00	< 5.00
Methylene Chloride	2013-06	ug/L													
Methylene Chloride	2013-08	ug/L													
Methylene Chloride	2013-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Methylene Chloride	2013-12	ug/L													
Methylene Chloride	2014-03	ug/L	**0.286 J**		< 5.00 J	**0.472 J**	< 5.00	**1.12 J**	**0.821 J**	**0.317 J**	**0.549 J**	< 5.00	**0.860 J**	< 5.00	< 5.00
Methylene Chloride	2014-09	ug/L	< 5.00		< 5.00	**0.833 J**	< 5.00	**0.478 J**	**1.28 J**	< 5.00	< 5.00	**0.286 J**	**1.73 J**	**0.199 J**	< 5.00 J
Methylene Chloride	2015-05	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**3.22 J**	< 5	< 5
Methylene Chloride	2015-10	ug/L	< 5		< 5	< 5	< 5 J	< 5 J	< 5	< 5 J	< 5	< 5	< 5 J	< 5	< 5
Methylene Chloride	2016-01	ug/L													
Methylene Chloride	2016-04	ug/L	**0.277 J**	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**2.26 J**	< 5	< 5
Methylene Chloride	2016-07	ug/L		< 5											
Methylene Chloride	2016-09	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**0.848 J**	< 5	< 5
Methylene Chloride	2016-12	ug/L		< 5											
Methylene Chloride	2017-03	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**1.19 J**	< 5	< 5
Methylene Chloride	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5 J	< 5	< 5	< 5	< 5
Methylene Chloride	2017-11	ug/L													
Methylene Chloride	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2018-06	ug/L													
Methylene Chloride	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2018-11	ug/L													
Methylene Chloride	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~
Methylene Chloride	2019-05	ug/L		< 5											
Methylene Chloride	2019-07	ug/L													
Methylene Chloride	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2020-04	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2021-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2022-04	ug/L		< 5		< 5						< 5	< 5		< 5
Methylene Chloride	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2023-05	ug/L	< 5	< 5		< 5				< 5		< 5	< 5		< 5
Methylene Chloride	2023-08	ug/L								< 5					
Methylene Chloride	2023-11	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2024-02	ug/L								< 5					
Methylene Chloride	2024-04	ug/L		< 5									< 5		< 5
Methylene Chloride	2024-05	ug/L				< 5						< 5			
Methylene Chloride	2024-09	ug/L													
Methylene Chloride	2024-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2025-04	ug/L	< 5	< 5		< 5						< 5	< 5		< 5
Methylene Chloride	2025-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Naphthalene	2009-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00			< 5.00				
Naphthalene	2009-07	ug/L							< 5.00						
Naphthalene	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		< 5.00				
Naphthalene	2011-06	ug/L											< 5.00		
Naphthalene	2012-04	ug/L											**0.430 J**		
Naphthalene	2012-06	ug/L													
Naphthalene	2012-08	ug/L											< 5.00		
Naphthalene	2012-10	ug/L											< 5.00		
Naphthalene	2013-01	ug/L											< 5.00		
Naphthalene	2013-10	ug/L													
Naphthalene	2014-03	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		< 5.00				

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Methylene Chloride	2013-01	ug/L		< 5.00	< 5.00										
Methylene Chloride	2013-04	ug/L		**0.894 J**	< 5.00		**0.827 J**		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Methylene Chloride	2013-06	ug/L		**0.198 J**	< 5.00										
Methylene Chloride	2013-08	ug/L		< 5.00	< 5.00										
Methylene Chloride	2013-10	ug/L		< 5.00	< 5.00		**0.969 J**		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Methylene Chloride	2013-12	ug/L		< 5.00	< 5.00										
Methylene Chloride	2014-03	ug/L		**0.341 J**	< 5.00		**1.77 J**		**0.860 J**	**0.196 J**	**0.506 J**	**0.321 J**	< 5.00		
Methylene Chloride	2014-09	ug/L		< 5.00	< 5.00		**0.870 J**		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
Methylene Chloride	2015-05	ug/L		**0.219 J**	< 5		< 5		< 5	< 5	< 5	< 5	< 5		
Methylene Chloride	2015-10	ug/L		< 5	< 5		< 5 J		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2016-01	ug/L									< 5	< 5 J		< 5 J	< 5
Methylene Chloride	2016-04	ug/L		< 5	< 5		**0.753 J**		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2016-07	ug/L												< 5	< 5
Methylene Chloride	2016-09	ug/L	< 5	< 5	< 5	< 5	**0.653 J**		< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2016-12	ug/L													
Methylene Chloride	2017-03	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	**0.195 J**	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2017-11	ug/L						**0.764 J**							
Methylene Chloride	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2018-06	ug/L						< 5			< 5				
Methylene Chloride	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2018-11	ug/L							< 5						
Methylene Chloride	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~	< 5	< 5
Methylene Chloride	2019-05	ug/L													
Methylene Chloride	2019-07	ug/L										< 5			
Methylene Chloride	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2020-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2021-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2022-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Methylene Chloride	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2023-05	ug/L	< 5	< 5	< 5	< 5	< 5			< 5		< 5	< 5		
Methylene Chloride	2023-08	ug/L								< 5					
Methylene Chloride	2023-11	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2024-02	ug/L								< 5					
Methylene Chloride	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Methylene Chloride	2024-05	ug/L													
Methylene Chloride	2024-09	ug/L		< 5	< 5	< 5							< 5		
Methylene Chloride	2024-10	ug/L	< 5				< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5
Methylene Chloride	2025-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
Methylene Chloride	2025-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Naphthalene	2009-04	ug/L													
Naphthalene	2009-07	ug/L													
Naphthalene	2010-04	ug/L													
Naphthalene	2011-06	ug/L													
Naphthalene	2012-04	ug/L													
Naphthalene	2012-06	ug/L					< 5.00		< 5.00						
Naphthalene	2012-08	ug/L													
Naphthalene	2012-10	ug/L													
Naphthalene	2013-01	ug/L													
Naphthalene	2013-10	ug/L					< 5.00		< 5.00						
Naphthalene	2014-03	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Naphthalene	2015-10	ug/L													
Naphthalene	2016-01	ug/L													
Naphthalene	2016-04	ug/L													< 5
Naphthalene	2017-03	ug/L											< 5		
Naphthalene	2018-03	ug/L													
Naphthalene	2018-06	ug/L													
Naphthalene	2018-09	ug/L													
Naphthalene	2018-11	ug/L													
Naphthalene	2019-04	ug/L			< 5	< 5			< 5						
Naphthalene	2019-07	ug/L													
Naphthalene	2021-05	ug/L													< 5
Naphthalene	2022-04	ug/L											< 5		
Naphthalene	2023-05	ug/L								< 5					
Naphthalene	2023-08	ug/L								< 5					
Naphthalene	2023-11	ug/L								< 5					
Naphthalene	2024-02	ug/L								< 5					
Naphthalene	2024-04	ug/L													< 5
Naphthalene	2024-05	ug/L				< 5									
Naphthalene	2024-10	ug/L			< 5				< 5						
Nickel	2007-10	mg/L			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.064**	< 0.05	< 0.05	
Nickel	2008-01	mg/L			< 0.05	**0.0716**	< 0.05	**0.0902**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Nickel	2008-04	mg/L			< 0.05	**0.0895**	**0.0515**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Nickel	2008-07	mg/L			< 0.05	**0.0524**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Nickel	2008-10	mg/L			< 0.05	**0.0586**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Nickel	2009-04	mg/L			< 0.0500	**0.0545**	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	
Nickel	2009-07	mg/L							< 0.0500			< 0.0500			
Nickel	2009-10	mg/L			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	
Nickel	2009-12	mg/L							< 0.0500			< 0.0500			
Nickel	2010-02	mg/L										< 0.0500			
Nickel	2010-04	mg/L			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	**0.0501**	< 0.0500	< 0.0500	
Nickel	2010-06	mg/L										< 0.0500			< 0.0500
Nickel	2010-08	mg/L													< 0.0500
Nickel	2010-10	mg/L			< 0.0500	**0.0569**	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	**0.165**
Nickel	2010-12	mg/L													< 0.0500
Nickel	2011-02	mg/L													< 0.0500
Nickel	2011-04	mg/L			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Nickel	2011-06	mg/L											< 0.0500		< 0.0500
Nickel	2011-10	mg/L			**0.0240 J**	**0.0517**	**0.00529 J**	**0.0512**	**0.0187 J**	< 0.0500	**0.0122 J**	**0.00268 J**	**0.00357 J**	**0.00811 J**	**0.00973 J**
Nickel	2011-12	mg/L	< 0.0500												**0.0279 J**
Nickel	2012-02	mg/L	**0.00517**												
Nickel	2012-04	mg/L	**0.00650**		**0.0154**	**0.0232**	**0.0164**	**0.00530**	**0.0166**	**0.00395**	**0.0200**	**0.0141**	**0.00720**	**0.00150 J**	**0.0120**
Nickel	2012-06	mg/L													
Nickel	2012-08	mg/L	**0.00602**												
Nickel	2012-10	mg/L	**0.00527**		**0.0362**	**0.164**	**0.0421**	**0.0764**	**0.0352**	**0.00570**	**0.0220**	**0.0129**	**0.0127**	**0.00550**	**0.0171**
Nickel	2013-01	mg/L													
Nickel	2013-04	mg/L	**0.0117**		**0.0215**	**0.0567**	**0.0187**	**0.0193**	**0.0183**	**0.00585**	**0.0372**	**0.00356**	**0.0138**	**0.00265**	**0.0130**
Nickel	2013-06	mg/L													
Nickel	2013-08	mg/L													
Nickel	2013-10	mg/L	**0.0120**		**0.00721**	**0.0184**	**0.0215**	**0.0146**	**0.0131**	**0.00197 J**	**0.0215**	**0.00463**	**0.0132**	**0.00314**	**0.0158**
Nickel	2013-12	mg/L													
Nickel	2014-03	mg/L	**0.0214**		**0.0133**	**0.0257**	**0.0120**	**0.00795**	**0.0174**	**0.00490**	**0.0181**	**0.00509**	**0.00770**	**0.00163 J**	**0.0285**
Nickel	2014-09	mg/L	**0.00752**		**0.00600**	**0.00797**	**0.0217**	**0.00412 J**	**0.0114**	**0.00114 J**	**0.00321 J**	< 0.00500 J	**0.0142**	< 0.00500 J	**0.0108**
Nickel	2015-05	mg/L	**0.0106**		**0.00201 J**	**0.00579**	**0.0144**	**0.00543**	**0.00922**	**0.00404 J**	**0.00297 J**	**0.00208 J**	**0.0172**	< 0.005	**0.00781**

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Naphthalene	2015-10	ug/L									< 5				
Naphthalene	2016-01	ug/L									< 5	< 5			
Naphthalene	2016-04	ug/L		< 5	< 5						< 5	< 5	< 5		
Naphthalene	2017-03	ug/L	< 5			< 5									
Naphthalene	2018-03	ug/L									< 5				
Naphthalene	2018-06	ug/L									< 5				
Naphthalene	2018-09	ug/L					< 5		< 5						
Naphthalene	2018-11	ug/L							< 5						
Naphthalene	2019-04	ug/L										< 5			
Naphthalene	2019-07	ug/L										< 5			
Naphthalene	2021-05	ug/L	< 5	< 5	< 5	< 5							< 5		
Naphthalene	2022-04	ug/L													
Naphthalene	2023-05	ug/L								< 5					
Naphthalene	2023-08	ug/L								< 5					
Naphthalene	2023-11	ug/L							< 5	< 5	< 5				
Naphthalene	2024-02	ug/L								< 5					
Naphthalene	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5						< 5		
Naphthalene	2024-05	ug/L													
Naphthalene	2024-10	ug/L													
Nickel	2007-10	mg/L													
Nickel	2008-01	mg/L													
Nickel	2008-04	mg/L													
Nickel	2008-07	mg/L													
Nickel	2008-10	mg/L													
Nickel	2009-04	mg/L													
Nickel	2009-07	mg/L													
Nickel	2009-10	mg/L													
Nickel	2009-12	mg/L													
Nickel	2010-02	mg/L													
Nickel	2010-04	mg/L													
Nickel	2010-06	mg/L													
Nickel	2010-08	mg/L													
Nickel	2010-10	mg/L													
Nickel	2010-12	mg/L													
Nickel	2011-02	mg/L													
Nickel	2011-04	mg/L													
Nickel	2011-06	mg/L													
Nickel	2011-10	mg/L													
Nickel	2011-12	mg/L													
Nickel	2012-02	mg/L					**0.0106**		**0.0251**	**0.0204**	**0.00755**	**0.0163**	**0.00866**		
Nickel	2012-04	mg/L					**0.00455**		**0.0107**	**0.0165**	**0.0111**	**0.00650**	**0.00500**		
Nickel	2012-06	mg/L					**0.00851**		**0.0116**	**0.0170**	**0.0130**	**0.00611**	**0.00492**		
Nickel	2012-08	mg/L					**0.0132**		**0.0159**	**0.0169**	**0.00829**	**0.0275**	**0.00860**		
Nickel	2012-10	mg/L		**0.0226**	**0.00880 J**		**0.0165**		**0.0297**	**0.0159**	**0.00604**	**0.00465**	**0.00699**		
Nickel	2013-01	mg/L		**0.00364 J**	< 0.0500										
Nickel	2013-04	mg/L		**0.0139**	**0.00391**		**0.00519**		**0.0176**	**0.00555**	**0.0106**	**0.00998**	**0.0422**		
Nickel	2013-06	mg/L		**0.00527**	**0.00981**										
Nickel	2013-08	mg/L		**0.00254**	**0.00477**										
Nickel	2013-10	mg/L		**0.00239**	**0.00562**		**0.00201**		**0.0169**	**0.0103**	**0.00453**	**0.00183 J**	**0.00769**		
Nickel	2013-12	mg/L		**0.00270**	**0.00331**										
Nickel	2014-03	mg/L		< 0.00200 J	**0.00345**		**0.00229**		**0.0102**	**0.0101**	**0.00345**	**0.00241**	**0.00942**		
Nickel	2014-09	mg/L		< 0.00500 J	< 0.00500 J		**0.000952 J**		**0.00696**	**0.0111**	**0.00582**	**0.00514**	**0.00321 J**		
Nickel	2015-05	mg/L		< 0.005	**0.00226 J**		< 0.005		**0.00314 J**	**0.0102**	**0.0168**	**0.0135**	**0.00371 J**		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Nickel	2015-10	mg/L	0.0149		0.0033 J	0.0061	0.0135	0.00679	0.00952	0.00383 J	0.00302 J	0.00235 J	0.0215	< 0.005	0.00912
Nickel	2016-01	mg/L													
Nickel	2016-04	mg/L	0.0187	0.016	< 0.005	0.00845	0.00976	0.00599	0.0107	0.00467 J	0.00379 J	0.00287 J	0.024	0.0073	0.00952
Nickel	2016-07	mg/L		0.0133											
Nickel	2016-09	mg/L		0.0135	0.00245 J	0.00769	0.0139	0.00621	0.0108	0.00372 J	0.00293 J	0.00192 J	0.013	< 0.005	0.0064
Nickel	2016-12	mg/L		0.0179											
Nickel	2017-03	mg/L		0.0223	0.00208 J	0.0107	0.0127	0.00347 J	0.00964	0.00549	0.00665	0.00277 J	0.0344		0.0131
Nickel	2017-08	mg/L	0.0174	0.0173	< 0.005	0.0241	0.0129	0.008	0.0185	0.00531	0.01	0.00274 J	0.0288		0.0106
Nickel	2018-03	mg/L	0.0211	0.0212	0.0055	0.0415	0.0118	0.00196 J	0.0206	0.00695	0.0164	0.00372 J	0.00731		0.0126
Nickel	2018-06	mg/L													
Nickel	2018-09	mg/L	0.0186 J	0.0172 J	< 0.05	0.00513 J	0.0136 J	< 0.05	0.0104 J	0.00658 J	< 0.05	< 0.05	0.0194 J		0.0119 J
Nickel	2018-11	mg/L													
Nickel	2019-04	mg/L	0.0224	0.0239	0.00469	0.0287	0.017	0.00242	0.0145	0.012	0.0035	0.00327	0.0165		~~0.013~~
Nickel	2019-07	mg/L													
Nickel	2019-10	mg/L	0.0197	0.00562	0.00793	0.0293	0.0129	0.00665	0.0159	0.00983	0.00477 J	0.00202 J	0.0176		0.014
Nickel	2020-04	mg/L		0.013	0.00573	0.0335	0.0183	0.00277 J	0.0124	0.0217	0.00209 J	0.00292 J	0.0181		0.00946
Nickel	2020-10	mg/L	0.0184	0.0175	0.00303 J	0.0358	0.0138	0.00589	0.0208	0.012	0.01	0.00244 J	0.0213		0.0121
Nickel	2021-05	mg/L	0.0201	0.0179	0.00747	0.0383	0.011	< 0.005	0.0137	0.013	0.0104	0.00292 J	0.0221	< 0.005	0.0127
Nickel	2021-10	mg/L		0.0164	0.0181	0.0237	0.0211	0.00221 J	0.0178	0.0146	0.00465 J	0.00544	0.0218		0.0144
Nickel	2022-04	mg/L		0.0173		0.0173						0.00416 J	0.0167		0.0137
Nickel	2022-10	mg/L	0.0166	0.0157	0.0116	0.00894	0.0157	0.00376 J	0.0142	0.0145	0.00213 J	0.0045 J	0.0202		0.0127
Nickel	2023-05	mg/L	0.0174	0.0193		0.00723				0.0193		0.00493 J	0.023		0.0116
Nickel	2023-08	mg/L								0.0171					
Nickel	2023-11	mg/L		0.018	0.0127	0.00551	0.0101	0.0048 J	0.0197	0.0154	0.0225	0.00368 J	0.0236		0.0111
Nickel	2024-02	mg/L								0.0211					
Nickel	2024-04	mg/L		0.0173									0.027		0.0112
Nickel	2024-05	mg/L				0.00411 J						0.007			
Nickel	2024-09	mg/L													
Nickel	2024-10	mg/L	0.0162	0.00969	0.00946	0.00344 J	0.0116	0.00694	0.0181	0.0223	< 0.005	0.00444 J	0.0194		0.00878
Nickel	2025-04	mg/L	0.018	0.0177		0.00417 J						0.00395 J	0.0208		0.0132
Nickel	2025-10	mg/L		0.0154	0.0102	0.00249 J	0.00928	0.00639	0.0158	0.0237	< 0.005	0.0079	0.0125		0.0136
Nitrobenzene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Nitrobenzene	2009-07	ug/L							< 10.0						
Nitrobenzene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Nitrobenzene	2011-06	ug/L											< 10.0		
Nitrobenzene	2012-04	ug/L											< 10.0		
Nitrobenzene	2012-06	ug/L													
Nitrobenzene	2013-10	ug/L													
Nitrobenzene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Nitrobenzene	2015-10	ug/L													
Nitrobenzene	2016-01	ug/L													
Nitrobenzene	2016-04	ug/L													< 10.3
Nitrobenzene	2017-03	ug/L											< 10.1		
Nitrobenzene	2018-03	ug/L													
Nitrobenzene	2018-06	ug/L													
Nitrobenzene	2018-09	ug/L													
Nitrobenzene	2018-11	ug/L													
Nitrobenzene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Nitrobenzene	2019-07	ug/L													
Nitrobenzene	2021-05	ug/L													< 10.9
Nitrobenzene	2022-04	ug/L											< 10		
Nitrobenzene	2023-05	ug/L								< 10.4					
Nitrobenzene	2023-08	ug/L								< 12.8					

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Nickel	2015-10	mg/L	**0.0274**	< 0.005	**0.00191 J**	**0.0012 J**	**0.000825 J**		**0.00226 J**	**0.00924**	**0.00482 J**	**0.0269**	**0.00429 J**		
Nickel	2016-01	mg/L									**0.00459 J**	**0.0711**			
Nickel	2016-04	mg/L	**0.0421**	< 0.005	**0.00262 J**	< 0.005	< 0.005		< 0.005	**0.00868**	**0.00899**	**0.0651**	**0.00727**		
Nickel	2016-07	mg/L													
Nickel	2016-09	mg/L	**0.0362**	< 0.005	< 0.005	< 0.005	< 0.005		**0.0016 J**	**0.00632**	**0.00597 J**	**0.0197**	**0.00649**		
Nickel	2016-12	mg/L													
Nickel	2017-03	mg/L	**0.0721**	< 0.005	**0.00311 J**	< 0.005	< 0.005		**0.00322 J**	**0.0125**	**0.0353**	**0.0176**	**0.00557**		
Nickel	2017-08	mg/L	**0.00881**	< 0.005	**0.00184 J**	< 0.005	< 0.005		**0.0138**	**0.011**	**0.00446 J**	**0.0172**	**0.0119**		
Nickel	2018-03	mg/L	**0.0343**	< 0.005	**0.00503**	**0.00124 J**	< 0.005		**0.00948**	**0.0092**	**0.0143**	**0.0383**	**0.01**		
Nickel	2018-06	mg/L									**0.0205 J**				
Nickel	2018-09	mg/L	**0.0496 J**	< 0.05	< 0.05	< 0.05	< 0.05		**0.00613 J**	**0.00679 J**	**0.00721 J**	**0.012 J**	**0.00562 J**		< 0.05
Nickel	2018-11	mg/L							**0.00892**						
Nickel	2019-04	mg/L	**0.0392**	< 0.002	**0.0173**	**0.00102 J**	**0.00128 J**		**0.0101**	**0.00913**	**0.0279**	**0.0129**	~~**0.0181**~~		
Nickel	2019-07	mg/L										**0.0238**			
Nickel	2019-10	mg/L	**0.0055**	< 0.005	< 0.005	< 0.005	< 0.005		**0.0143**	**0.00916**	**0.0162**	**0.0107**	~~**0.0213**~~		
Nickel	2020-04	mg/L	**0.0547**	< 0.005	**0.00282 J**	< 0.005	< 0.005		**0.016**	**0.0124**	**0.0252**	**0.0121**	**0.0237**		
Nickel	2020-10	mg/L	**0.0169**	< 0.005	< 0.005	< 0.005	**0.00191 J**		**0.0173**	**0.0108**	**0.00949**	**0.0141**	**0.0169**		
Nickel	2021-05	mg/L	**0.0633**	< 0.005	< 0.005	< 0.005	< 0.005		**0.012**	**0.0093**	**0.0136**	**0.0134**	**0.0114**		
Nickel	2021-10	mg/L	**0.122**	< 0.005	**0.00257 J**	< 0.005	< 0.005		**0.0124**	**0.00918**	**0.00854**	**0.0185**	**0.0129**		
Nickel	2022-04	mg/L	~~**0.114**~~	< 0.005	< 0.005	< 0.005	< 0.005					**0.0253**	**0.0145**		
Nickel	2022-10	mg/L	**0.149**	< 0.005	**0.00371 J**	< 0.005	< 0.005		**0.0161**	**0.0173**	**0.0115**	**0.0191**	**0.0164**		
Nickel	2023-05	mg/L	**0.0859**	< 0.005	**0.00448 J**	< 0.005	< 0.005			**0.031**		**0.0202**	**0.0114**		
Nickel	2023-08	mg/L								**0.0206**					
Nickel	2023-11	mg/L	**0.0526**	< 0.005	< 0.005	< 0.005	**0.00231 J**		**0.0158**	**0.0309**	**0.00739**	**0.0155**	**0.0116**		
Nickel	2024-02	mg/L								**0.0192**					
Nickel	2024-04	mg/L	**0.055**	< 0.005	**0.00429 J**	< 0.005	< 0.005					**0.0207**	**0.0083**		
Nickel	2024-05	mg/L													
Nickel	2024-09	mg/L		< 0.005	< 0.005	**0.00808**							**0.00962**		
Nickel	2024-10	mg/L	**0.0392**				**0.00233 J**		**0.0125**	**0.0241**	**0.00617**	**0.00973**			
Nickel	2025-04	mg/L	**0.0592**	< 0.005	< 0.005	< 0.005	< 0.005					**0.0121**	~~**0.0171**~~		
Nickel	2025-10	mg/L	**0.0484**	< 0.005	< 0.005	< 0.005	< 0.005		**0.00695**	**0.0337**	**0.00262 J**	**0.00611**	**0.00662**		
Nitrobenzene	2009-04	ug/L													
Nitrobenzene	2009-07	ug/L													
Nitrobenzene	2010-04	ug/L													
Nitrobenzene	2011-06	ug/L													
Nitrobenzene	2012-04	ug/L													
Nitrobenzene	2012-06	ug/L					< 10.0		< 10.0						
Nitrobenzene	2013-10	ug/L					< 10.3		< 10.3						
Nitrobenzene	2014-03	ug/L													
Nitrobenzene	2015-10	ug/L									< 10				
Nitrobenzene	2016-01	ug/L									< 10.2	< 10			
Nitrobenzene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Nitrobenzene	2017-03	ug/L	< 10.4			< 10.4									
Nitrobenzene	2018-03	ug/L									< 10				
Nitrobenzene	2018-06	ug/L									< 10.8				
Nitrobenzene	2018-09	ug/L					< 10.9		< 54.3						
Nitrobenzene	2018-11	ug/L							< 10.9						
Nitrobenzene	2019-04	ug/L										< 11.1			
Nitrobenzene	2019-07	ug/L										< 10.8			
Nitrobenzene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Nitrobenzene	2022-04	ug/L													
Nitrobenzene	2023-05	ug/L								< 11.4					
Nitrobenzene	2023-08	ug/L								< 11.6					

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Nitrobenzene	2023-11	ug/L								< 10.2					
Nitrobenzene	2024-02	ug/L								< 9.26					
Nitrobenzene	2024-04	ug/L													< 10
Nitrobenzene	2024-05	ug/L				< 10									
Nitrobenzene	2024-10	ug/L			< 10.4				< 10.4						
N-Nitrosodiethylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
N-Nitrosodiethylamine	2009-07	ug/L							< 10.0						
N-Nitrosodiethylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
N-Nitrosodiethylamine	2011-06	ug/L											< 10.0		
N-Nitrosodiethylamine	2012-04	ug/L											< 10.0		
N-Nitrosodiethylamine	2012-06	ug/L													
N-Nitrosodiethylamine	2013-10	ug/L													
N-Nitrosodiethylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
N-Nitrosodiethylamine	2015-10	ug/L													
N-Nitrosodiethylamine	2016-01	ug/L													
N-Nitrosodiethylamine	2016-04	ug/L													< 10.3
N-Nitrosodiethylamine	2017-03	ug/L											< 10.1		
N-Nitrosodiethylamine	2018-03	ug/L													
N-Nitrosodiethylamine	2018-06	ug/L													
N-Nitrosodiethylamine	2018-09	ug/L													
N-Nitrosodiethylamine	2018-11	ug/L													
N-Nitrosodiethylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
N-Nitrosodiethylamine	2019-07	ug/L													
N-Nitrosodiethylamine	2021-05	ug/L													< 10.9
N-Nitrosodiethylamine	2022-04	ug/L											< 10		
N-Nitrosodiethylamine	2023-05	ug/L								< 10.4					
N-Nitrosodiethylamine	2023-08	ug/L								< 12.8					
N-Nitrosodiethylamine	2023-11	ug/L								< 10.2					
N-Nitrosodiethylamine	2024-02	ug/L								< 9.26					
N-Nitrosodiethylamine	2024-04	ug/L													< 10
N-Nitrosodiethylamine	2024-05	ug/L				< 10									
N-Nitrosodiethylamine	2024-10	ug/L			< 10.4				< 10.4						
N-Nitrosodimethylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
N-Nitrosodimethylamine	2009-07	ug/L							< 10.0						
N-Nitrosodimethylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
N-Nitrosodimethylamine	2011-06	ug/L											< 10.0		
N-Nitrosodimethylamine	2012-04	ug/L											< 10.0		
N-Nitrosodimethylamine	2012-06	ug/L													
N-Nitrosodimethylamine	2013-10	ug/L													
N-Nitrosodimethylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
N-Nitrosodimethylamine	2015-10	ug/L													
N-Nitrosodimethylamine	2016-01	ug/L													
N-Nitrosodimethylamine	2016-04	ug/L													< 10.3
N-Nitrosodimethylamine	2017-03	ug/L											< 10.1		
N-Nitrosodimethylamine	2018-03	ug/L													
N-Nitrosodimethylamine	2018-06	ug/L													
N-Nitrosodimethylamine	2018-09	ug/L													
N-Nitrosodimethylamine	2018-11	ug/L													
N-Nitrosodimethylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
N-Nitrosodimethylamine	2019-07	ug/L													
N-Nitrosodimethylamine	2021-05	ug/L													< 10.9
N-Nitrosodimethylamine	2022-04	ug/L											< 10		
N-Nitrosodimethylamine	2023-05	ug/L								< 10.4					

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Nitrobenzene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Nitrobenzene	2024-02	ug/L								< 10					
Nitrobenzene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Nitrobenzene	2024-05	ug/L													
Nitrobenzene	2024-10	ug/L													
N-Nitrosodiethylamine	2009-04	ug/L													
N-Nitrosodiethylamine	2009-07	ug/L													
N-Nitrosodiethylamine	2010-04	ug/L													
N-Nitrosodiethylamine	2011-06	ug/L													
N-Nitrosodiethylamine	2012-04	ug/L													
N-Nitrosodiethylamine	2012-06	ug/L					< 10.0		< 10.0						
N-Nitrosodiethylamine	2013-10	ug/L					< 10.3		< 10.3						
N-Nitrosodiethylamine	2014-03	ug/L													
N-Nitrosodiethylamine	2015-10	ug/L									< 10				
N-Nitrosodiethylamine	2016-01	ug/L									< 10.2	< 10			
N-Nitrosodiethylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
N-Nitrosodiethylamine	2017-03	ug/L	< 10.4			< 10.4									
N-Nitrosodiethylamine	2018-03	ug/L									< 10				
N-Nitrosodiethylamine	2018-06	ug/L									< 10.8				
N-Nitrosodiethylamine	2018-09	ug/L					< 10.9		< 54.3						
N-Nitrosodiethylamine	2018-11	ug/L							< 10.9						
N-Nitrosodiethylamine	2019-04	ug/L										< 11.1			
N-Nitrosodiethylamine	2019-07	ug/L										< 10.8			
N-Nitrosodiethylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
N-Nitrosodiethylamine	2022-04	ug/L													
N-Nitrosodiethylamine	2023-05	ug/L								< 11.4					
N-Nitrosodiethylamine	2023-08	ug/L								< 11.6					
N-Nitrosodiethylamine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
N-Nitrosodiethylamine	2024-02	ug/L								< 10					
N-Nitrosodiethylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
N-Nitrosodiethylamine	2024-05	ug/L													
N-Nitrosodiethylamine	2024-10	ug/L													
N-Nitrosodimethylamine	2009-04	ug/L													
N-Nitrosodimethylamine	2009-07	ug/L													
N-Nitrosodimethylamine	2010-04	ug/L													
N-Nitrosodimethylamine	2011-06	ug/L													
N-Nitrosodimethylamine	2012-04	ug/L													
N-Nitrosodimethylamine	2012-06	ug/L					< 10.0		< 10.0						
N-Nitrosodimethylamine	2013-10	ug/L					< 10.3		< 10.3						
N-Nitrosodimethylamine	2014-03	ug/L													
N-Nitrosodimethylamine	2015-10	ug/L									< 10				
N-Nitrosodimethylamine	2016-01	ug/L									< 10.2	< 10			
N-Nitrosodimethylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
N-Nitrosodimethylamine	2017-03	ug/L	< 10.4			< 10.4									
N-Nitrosodimethylamine	2018-03	ug/L									< 10				
N-Nitrosodimethylamine	2018-06	ug/L									< 10.8				
N-Nitrosodimethylamine	2018-09	ug/L					< 10.9		< 54.3						
N-Nitrosodimethylamine	2018-11	ug/L							< 10.9						
N-Nitrosodimethylamine	2019-04	ug/L										< 11.1			
N-Nitrosodimethylamine	2019-07	ug/L										< 10.8			
N-Nitrosodimethylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
N-Nitrosodimethylamine	2022-04	ug/L													
N-Nitrosodimethylamine	2023-05	ug/L								< 11.4					

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
N-Nitrosodimethylamine	2023-08	ug/L								< 12.8					
N-Nitrosodimethylamine	2023-11	ug/L								< 10.2					
N-Nitrosodimethylamine	2024-02	ug/L								< 9.26					
N-Nitrosodimethylamine	2024-04	ug/L													< 10
N-Nitrosodimethylamine	2024-05	ug/L				< 10									
N-Nitrosodimethylamine	2024-10	ug/L			< 10.4				< 10.4						
N-Nitrosodi-n-butylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
N-Nitrosodi-n-butylamine	2009-07	ug/L							< 10.0						
N-Nitrosodi-n-butylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
N-Nitrosodi-n-butylamine	2011-06	ug/L											< 10.0		
N-Nitrosodi-n-butylamine	2012-04	ug/L											< 10.0		
N-Nitrosodi-n-butylamine	2012-06	ug/L													
N-Nitrosodi-n-butylamine	2013-10	ug/L													
N-Nitrosodi-n-butylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
N-Nitrosodi-n-butylamine	2015-10	ug/L													
N-Nitrosodi-n-butylamine	2016-01	ug/L													
N-Nitrosodi-n-butylamine	2016-04	ug/L													< 10.3
N-Nitrosodi-n-butylamine	2017-03	ug/L											< 10.1		
N-Nitrosodi-n-butylamine	2018-03	ug/L													
N-Nitrosodi-n-butylamine	2018-06	ug/L													
N-Nitrosodi-n-butylamine	2018-09	ug/L													
N-Nitrosodi-n-butylamine	2018-11	ug/L													
N-Nitrosodi-n-butylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
N-Nitrosodi-n-butylamine	2019-07	ug/L													
N-Nitrosodi-n-butylamine	2021-05	ug/L													< 10.9
N-Nitrosodi-n-butylamine	2022-04	ug/L											< 10		
N-Nitrosodi-n-butylamine	2023-05	ug/L								< 10.4					
N-Nitrosodi-n-butylamine	2023-08	ug/L								< 12.8					
N-Nitrosodi-n-butylamine	2023-11	ug/L								< 10.2					
N-Nitrosodi-n-butylamine	2024-02	ug/L								< 9.26					
N-Nitrosodi-n-butylamine	2024-04	ug/L													< 10
N-Nitrosodi-n-butylamine	2024-05	ug/L				< 10									
N-Nitrosodi-n-butylamine	2024-10	ug/L			< 10.4				< 10.4						
N-Nitrosodi-n-propylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
N-Nitrosodi-n-propylamine	2009-07	ug/L							< 10.0						
N-Nitrosodi-n-propylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
N-Nitrosodi-n-propylamine	2011-06	ug/L											< 10.0		
N-Nitrosodi-n-propylamine	2012-04	ug/L											< 10.0		
N-Nitrosodi-n-propylamine	2012-06	ug/L													
N-Nitrosodi-n-propylamine	2013-10	ug/L													
N-Nitrosodi-n-propylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
N-Nitrosodi-n-propylamine	2015-10	ug/L													
N-Nitrosodi-n-propylamine	2016-01	ug/L													
N-Nitrosodi-n-propylamine	2016-04	ug/L													< 10.3
N-Nitrosodi-n-propylamine	2017-03	ug/L											< 10.1		
N-Nitrosodi-n-propylamine	2018-03	ug/L													
N-Nitrosodi-n-propylamine	2018-06	ug/L													
N-Nitrosodi-n-propylamine	2018-09	ug/L													
N-Nitrosodi-n-propylamine	2018-11	ug/L													
N-Nitrosodi-n-propylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
N-Nitrosodi-n-propylamine	2019-07	ug/L													
N-Nitrosodi-n-propylamine	2021-05	ug/L													< 10.9
N-Nitrosodi-n-propylamine	2022-04	ug/L											< 10		

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
N-Nitrosodimethylamine	2023-08	ug/L								< 11.6					
N-Nitrosodimethylamine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
N-Nitrosodimethylamine	2024-02	ug/L								< 10					
N-Nitrosodimethylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
N-Nitrosodimethylamine	2024-05	ug/L													
N-Nitrosodimethylamine	2024-10	ug/L													
N-Nitrosodi-n-butylamine	2009-04	ug/L													
N-Nitrosodi-n-butylamine	2009-07	ug/L													
N-Nitrosodi-n-butylamine	2010-04	ug/L													
N-Nitrosodi-n-butylamine	2011-06	ug/L													
N-Nitrosodi-n-butylamine	2012-04	ug/L													
N-Nitrosodi-n-butylamine	2012-06	ug/L					< 10.0		< 10.0						
N-Nitrosodi-n-butylamine	2013-10	ug/L					< 10.3		< 10.3						
N-Nitrosodi-n-butylamine	2014-03	ug/L													
N-Nitrosodi-n-butylamine	2015-10	ug/L									< 10				
N-Nitrosodi-n-butylamine	2016-01	ug/L									< 10.2	< 10			
N-Nitrosodi-n-butylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
N-Nitrosodi-n-butylamine	2017-03	ug/L	< 10.4			< 10.4									
N-Nitrosodi-n-butylamine	2018-03	ug/L									< 10				
N-Nitrosodi-n-butylamine	2018-06	ug/L									< 10.8				
N-Nitrosodi-n-butylamine	2018-09	ug/L					< 10.9		< 54.3						
N-Nitrosodi-n-butylamine	2018-11	ug/L							< 10.9						
N-Nitrosodi-n-butylamine	2019-04	ug/L										< 11.1			
N-Nitrosodi-n-butylamine	2019-07	ug/L										< 10.8			
N-Nitrosodi-n-butylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
N-Nitrosodi-n-butylamine	2022-04	ug/L													
N-Nitrosodi-n-butylamine	2023-05	ug/L								< 11.4					
N-Nitrosodi-n-butylamine	2023-08	ug/L								< 11.6					
N-Nitrosodi-n-butylamine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
N-Nitrosodi-n-butylamine	2024-02	ug/L								< 10					
N-Nitrosodi-n-butylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
N-Nitrosodi-n-butylamine	2024-05	ug/L													
N-Nitrosodi-n-butylamine	2024-10	ug/L													
N-Nitrosodi-n-propylamine	2009-04	ug/L													
N-Nitrosodi-n-propylamine	2009-07	ug/L													
N-Nitrosodi-n-propylamine	2010-04	ug/L													
N-Nitrosodi-n-propylamine	2011-06	ug/L													
N-Nitrosodi-n-propylamine	2012-04	ug/L													
N-Nitrosodi-n-propylamine	2012-06	ug/L					< 10.0		< 10.0						
N-Nitrosodi-n-propylamine	2013-10	ug/L					< 10.3		< 10.3						
N-Nitrosodi-n-propylamine	2014-03	ug/L													
N-Nitrosodi-n-propylamine	2015-10	ug/L									< 10				
N-Nitrosodi-n-propylamine	2016-01	ug/L									< 10.2	< 10			
N-Nitrosodi-n-propylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
N-Nitrosodi-n-propylamine	2017-03	ug/L	< 10.4			< 10.4									
N-Nitrosodi-n-propylamine	2018-03	ug/L									< 10				
N-Nitrosodi-n-propylamine	2018-06	ug/L									< 10.8				
N-Nitrosodi-n-propylamine	2018-09	ug/L					< 10.9		< 54.3						
N-Nitrosodi-n-propylamine	2018-11	ug/L							< 10.9						
N-Nitrosodi-n-propylamine	2019-04	ug/L										< 11.1			
N-Nitrosodi-n-propylamine	2019-07	ug/L										< 10.8			
N-Nitrosodi-n-propylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
N-Nitrosodi-n-propylamine	2022-04	ug/L													

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N-Nitrosodi-n-propylamine	2023-05	ug/L								< 10.4					
N-Nitrosodi-n-propylamine	2023-08	ug/L								< 12.8					
N-Nitrosodi-n-propylamine	2023-11	ug/L								< 10.2					
N-Nitrosodi-n-propylamine	2024-02	ug/L								< 9.26					
N-Nitrosodi-n-propylamine	2024-04	ug/L													< 10
N-Nitrosodi-n-propylamine	2024-05	ug/L				< 10									
N-Nitrosodi-n-propylamine	2024-10	ug/L			< 10.4				< 10.4						
N-Nitrosodiphenylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
N-Nitrosodiphenylamine	2009-07	ug/L							< 10.0						
N-Nitrosodiphenylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
N-Nitrosodiphenylamine	2011-06	ug/L											< 10.0		
N-Nitrosodiphenylamine	2012-04	ug/L											< 10.0		
N-Nitrosodiphenylamine	2012-06	ug/L													
N-Nitrosodiphenylamine	2013-10	ug/L													
N-Nitrosodiphenylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
N-Nitrosodiphenylamine	2015-10	ug/L													
N-Nitrosodiphenylamine	2016-01	ug/L													
N-Nitrosodiphenylamine	2016-04	ug/L													< 10.3
N-Nitrosodiphenylamine	2017-03	ug/L											< 10.1		
N-Nitrosodiphenylamine	2018-03	ug/L													
N-Nitrosodiphenylamine	2018-06	ug/L													
N-Nitrosodiphenylamine	2018-09	ug/L													
N-Nitrosodiphenylamine	2018-11	ug/L													
N-Nitrosodiphenylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
N-Nitrosodiphenylamine	2019-07	ug/L													
N-Nitrosodiphenylamine	2021-05	ug/L													< 10.9
N-Nitrosodiphenylamine	2022-04	ug/L											< 10		
N-Nitrosodiphenylamine	2023-05	ug/L								< 10.4					
N-Nitrosodiphenylamine	2023-08	ug/L								< 12.8					
N-Nitrosodiphenylamine	2023-11	ug/L								< 10.2					
N-Nitrosodiphenylamine	2024-02	ug/L								< 9.26					
N-Nitrosodiphenylamine	2024-04	ug/L													< 10
N-Nitrosodiphenylamine	2024-05	ug/L				< 10									
N-Nitrosodiphenylamine	2024-10	ug/L			< 10.4				< 10.4						
N-Nitrosomethylethylamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
N-Nitrosomethylethylamine	2009-07	ug/L							< 10.0						
N-Nitrosomethylethylamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
N-Nitrosomethylethylamine	2011-06	ug/L											< 10.0		
N-Nitrosomethylethylamine	2012-04	ug/L											< 10.0		
N-Nitrosomethylethylamine	2012-06	ug/L													
N-Nitrosomethylethylamine	2013-10	ug/L													
N-Nitrosomethylethylamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
N-Nitrosomethylethylamine	2015-10	ug/L													
N-Nitrosomethylethylamine	2016-01	ug/L													
N-Nitrosomethylethylamine	2016-04	ug/L													< 10.3
N-Nitrosomethylethylamine	2017-03	ug/L											< 10.1		
N-Nitrosomethylethylamine	2018-03	ug/L													
N-Nitrosomethylethylamine	2018-06	ug/L													
N-Nitrosomethylethylamine	2018-09	ug/L													
N-Nitrosomethylethylamine	2018-11	ug/L													
N-Nitrosomethylethylamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
N-Nitrosomethylethylamine	2019-07	ug/L													
N-Nitrosomethylethylamine	2021-05	ug/L													< 10.9

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N-Nitrosodi-n-propylamine	2023-05	ug/L								< 11.4					
N-Nitrosodi-n-propylamine	2023-08	ug/L								< 11.6					
N-Nitrosodi-n-propylamine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
N-Nitrosodi-n-propylamine	2024-02	ug/L								< 10					
N-Nitrosodi-n-propylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
N-Nitrosodi-n-propylamine	2024-05	ug/L													
N-Nitrosodi-n-propylamine	2024-10	ug/L													
N-Nitrosodiphenylamine	2009-04	ug/L													
N-Nitrosodiphenylamine	2009-07	ug/L													
N-Nitrosodiphenylamine	2010-04	ug/L													
N-Nitrosodiphenylamine	2011-06	ug/L													
N-Nitrosodiphenylamine	2012-04	ug/L													
N-Nitrosodiphenylamine	2012-06	ug/L					< 10.0		< 10.0						
N-Nitrosodiphenylamine	2013-10	ug/L					< 10.3		< 10.3						
N-Nitrosodiphenylamine	2014-03	ug/L													
N-Nitrosodiphenylamine	2015-10	ug/L									< 10				
N-Nitrosodiphenylamine	2016-01	ug/L									< 10.2	< 10			
N-Nitrosodiphenylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
N-Nitrosodiphenylamine	2017-03	ug/L	< 10.4			< 10.4									
N-Nitrosodiphenylamine	2018-03	ug/L									< 10				
N-Nitrosodiphenylamine	2018-06	ug/L									< 10.8				
N-Nitrosodiphenylamine	2018-09	ug/L					< 10.9		< 54.3						
N-Nitrosodiphenylamine	2018-11	ug/L							< 10.9						
N-Nitrosodiphenylamine	2019-04	ug/L										< 11.1			
N-Nitrosodiphenylamine	2019-07	ug/L										< 10.8			
N-Nitrosodiphenylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
N-Nitrosodiphenylamine	2022-04	ug/L													
N-Nitrosodiphenylamine	2023-05	ug/L								< 11.4					
N-Nitrosodiphenylamine	2023-08	ug/L								< 11.6					
N-Nitrosodiphenylamine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
N-Nitrosodiphenylamine	2024-02	ug/L								< 10					
N-Nitrosodiphenylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
N-Nitrosodiphenylamine	2024-05	ug/L													
N-Nitrosodiphenylamine	2024-10	ug/L													
N-Nitrosomethylethylamine	2009-04	ug/L													
N-Nitrosomethylethylamine	2009-07	ug/L													
N-Nitrosomethylethylamine	2010-04	ug/L													
N-Nitrosomethylethylamine	2011-06	ug/L													
N-Nitrosomethylethylamine	2012-04	ug/L													
N-Nitrosomethylethylamine	2012-06	ug/L					< 10.0		< 10.0						
N-Nitrosomethylethylamine	2013-10	ug/L					< 10.3		< 10.3						
N-Nitrosomethylethylamine	2014-03	ug/L													
N-Nitrosomethylethylamine	2015-10	ug/L									< 10				
N-Nitrosomethylethylamine	2016-01	ug/L									< 10.2	< 10			
N-Nitrosomethylethylamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
N-Nitrosomethylethylamine	2017-03	ug/L	< 10.4			< 10.4									
N-Nitrosomethylethylamine	2018-03	ug/L									< 10				
N-Nitrosomethylethylamine	2018-06	ug/L									< 10.8				
N-Nitrosomethylethylamine	2018-09	ug/L					< 10.9		< 54.3						
N-Nitrosomethylethylamine	2018-11	ug/L							< 10.9						
N-Nitrosomethylethylamine	2019-04	ug/L										< 11.1			
N-Nitrosomethylethylamine	2019-07	ug/L										< 10.8			
N-Nitrosomethylethylamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
N-Nitrosomethylethylamine	2022-04	ug/L											< 10		
N-Nitrosomethylethylamine	2023-05	ug/L								< 10.4					
N-Nitrosomethylethylamine	2023-08	ug/L								< 12.8					
N-Nitrosomethylethylamine	2023-11	ug/L								< 10.2					
N-Nitrosomethylethylamine	2024-02	ug/L								< 9.26					
N-Nitrosomethylethylamine	2024-04	ug/L													< 10
N-Nitrosomethylethylamine	2024-05	ug/L				< 10									
N-Nitrosomethylethylamine	2024-10	ug/L			< 10.4				< 10.4						
N-Nitrosopiperidine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
N-Nitrosopiperidine	2009-07	ug/L							< 10.0						
N-Nitrosopiperidine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
N-Nitrosopiperidine	2011-06	ug/L											< 10.0		
N-Nitrosopiperidine	2012-04	ug/L											< 10.0		
N-Nitrosopiperidine	2012-06	ug/L													
N-Nitrosopiperidine	2013-10	ug/L													
N-Nitrosopiperidine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
N-Nitrosopiperidine	2015-10	ug/L													
N-Nitrosopiperidine	2016-01	ug/L													
N-Nitrosopiperidine	2016-04	ug/L													< 10.3
N-Nitrosopiperidine	2017-03	ug/L											< 10.1		
N-Nitrosopiperidine	2018-03	ug/L													
N-Nitrosopiperidine	2018-06	ug/L													
N-Nitrosopiperidine	2018-09	ug/L													
N-Nitrosopiperidine	2018-11	ug/L													
N-Nitrosopiperidine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
N-Nitrosopiperidine	2019-07	ug/L													
N-Nitrosopiperidine	2021-05	ug/L													< 10.9
N-Nitrosopiperidine	2022-04	ug/L											< 10		
N-Nitrosopiperidine	2023-05	ug/L								< 10.4					
N-Nitrosopiperidine	2023-08	ug/L								< 12.8					
N-Nitrosopiperidine	2023-11	ug/L								< 10.2					
N-Nitrosopiperidine	2024-02	ug/L								< 9.26					
N-Nitrosopiperidine	2024-04	ug/L													< 10
N-Nitrosopiperidine	2024-05	ug/L				< 10									
N-Nitrosopiperidine	2024-10	ug/L			< 10.4				< 10.4						
N-Nitrosopyrrolidine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
N-Nitrosopyrrolidine	2009-07	ug/L							< 10.0						
N-Nitrosopyrrolidine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
N-Nitrosopyrrolidine	2011-06	ug/L											< 10.0		
N-Nitrosopyrrolidine	2012-04	ug/L											< 10.0		
N-Nitrosopyrrolidine	2012-06	ug/L													
N-Nitrosopyrrolidine	2013-10	ug/L													
N-Nitrosopyrrolidine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
N-Nitrosopyrrolidine	2015-10	ug/L													
N-Nitrosopyrrolidine	2016-01	ug/L													
N-Nitrosopyrrolidine	2016-04	ug/L													< 10.3
N-Nitrosopyrrolidine	2017-03	ug/L											< 10.1		
N-Nitrosopyrrolidine	2018-03	ug/L													
N-Nitrosopyrrolidine	2018-06	ug/L													
N-Nitrosopyrrolidine	2018-09	ug/L													
N-Nitrosopyrrolidine	2018-11	ug/L													
N-Nitrosopyrrolidine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
N-Nitrosopyrrolidine	2019-07	ug/L													

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
N-Nitrosomethylethylamine	2022-04	ug/L													
N-Nitrosomethylethylamine	2023-05	ug/L								< 11.4					
N-Nitrosomethylethylamine	2023-08	ug/L								< 11.6					
N-Nitrosomethylethylamine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
N-Nitrosomethylethylamine	2024-02	ug/L								< 10					
N-Nitrosomethylethylamine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
N-Nitrosomethylethylamine	2024-05	ug/L													
N-Nitrosomethylethylamine	2024-10	ug/L													
N-Nitrosopiperidine	2009-04	ug/L													
N-Nitrosopiperidine	2009-07	ug/L													
N-Nitrosopiperidine	2010-04	ug/L													
N-Nitrosopiperidine	2011-06	ug/L													
N-Nitrosopiperidine	2012-04	ug/L													
N-Nitrosopiperidine	2012-06	ug/L					< 10.0		< 10.0						
N-Nitrosopiperidine	2013-10	ug/L					< 10.3		< 10.3						
N-Nitrosopiperidine	2014-03	ug/L													
N-Nitrosopiperidine	2015-10	ug/L									< 10				
N-Nitrosopiperidine	2016-01	ug/L									< 10.2	< 10			
N-Nitrosopiperidine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
N-Nitrosopiperidine	2017-03	ug/L	< 10.4			< 10.4									
N-Nitrosopiperidine	2018-03	ug/L									< 10				
N-Nitrosopiperidine	2018-06	ug/L									< 10.8				
N-Nitrosopiperidine	2018-09	ug/L					< 10.9		< 54.3						
N-Nitrosopiperidine	2018-11	ug/L							< 10.9						
N-Nitrosopiperidine	2019-04	ug/L										< 11.1			
N-Nitrosopiperidine	2019-07	ug/L										< 10.8			
N-Nitrosopiperidine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
N-Nitrosopiperidine	2022-04	ug/L													
N-Nitrosopiperidine	2023-05	ug/L								< 11.4					
N-Nitrosopiperidine	2023-08	ug/L								< 11.6					
N-Nitrosopiperidine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
N-Nitrosopiperidine	2024-02	ug/L								< 10					
N-Nitrosopiperidine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
N-Nitrosopiperidine	2024-05	ug/L													
N-Nitrosopiperidine	2024-10	ug/L													
N-Nitrosopyrrolidine	2009-04	ug/L													
N-Nitrosopyrrolidine	2009-07	ug/L													
N-Nitrosopyrrolidine	2010-04	ug/L													
N-Nitrosopyrrolidine	2011-06	ug/L													
N-Nitrosopyrrolidine	2012-04	ug/L													
N-Nitrosopyrrolidine	2012-06	ug/L					< 10.0		< 10.0						
N-Nitrosopyrrolidine	2013-10	ug/L					< 10.3		< 10.3						
N-Nitrosopyrrolidine	2014-03	ug/L													
N-Nitrosopyrrolidine	2015-10	ug/L									< 10				
N-Nitrosopyrrolidine	2016-01	ug/L									< 10.2	< 10			
N-Nitrosopyrrolidine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
N-Nitrosopyrrolidine	2017-03	ug/L	< 10.4			< 10.4									
N-Nitrosopyrrolidine	2018-03	ug/L									< 10				
N-Nitrosopyrrolidine	2018-06	ug/L									< 10.8				
N-Nitrosopyrrolidine	2018-09	ug/L					< 10.9		< 54.3						
N-Nitrosopyrrolidine	2018-11	ug/L							< 10.9						
N-Nitrosopyrrolidine	2019-04	ug/L										< 11.1			
N-Nitrosopyrrolidine	2019-07	ug/L										< 10.8			

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N-Nitrosopyrrolidine	2021-05	ug/L													< 10.9
N-Nitrosopyrrolidine	2022-04	ug/L											< 10		
N-Nitrosopyrrolidine	2023-05	ug/L								< 10.4					
N-Nitrosopyrrolidine	2023-08	ug/L								< 12.8					
N-Nitrosopyrrolidine	2023-11	ug/L								< 10.2					
N-Nitrosopyrrolidine	2024-02	ug/L								< 9.26					
N-Nitrosopyrrolidine	2024-04	ug/L													< 10
N-Nitrosopyrrolidine	2024-05	ug/L				< 10									
N-Nitrosopyrrolidine	2024-10	ug/L			< 10.4				< 10.4						
o,o,o-Triethylphosphorothioate	2009-04	ug/L			< 30.0	< 30.0	< 33.3	< 33.3			< 30.0				
o,o,o-Triethylphosphorothioate	2009-07	ug/L							< 10.0						
o,o,o-Triethylphosphorothioate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
o,o,o-Triethylphosphorothioate	2011-06	ug/L											< 10.0		
o,o,o-Triethylphosphorothioate	2012-04	ug/L											< 10.0		
o,o,o-Triethylphosphorothioate	2012-06	ug/L													
o,o,o-Triethylphosphorothioate	2013-10	ug/L													
o,o,o-Triethylphosphorothioate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
o,o,o-Triethylphosphorothioate	2015-10	ug/L													
o,o,o-Triethylphosphorothioate	2016-01	ug/L													
o,o,o-Triethylphosphorothioate	2016-04	ug/L													< 10.3
o,o,o-Triethylphosphorothioate	2017-03	ug/L											< 10.1		
o,o,o-Triethylphosphorothioate	2018-03	ug/L													
o,o,o-Triethylphosphorothioate	2018-06	ug/L													
o,o,o-Triethylphosphorothioate	2018-09	ug/L													
o,o,o-Triethylphosphorothioate	2018-11	ug/L													
o,o,o-Triethylphosphorothioate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
o,o,o-Triethylphosphorothioate	2019-07	ug/L													
o,o,o-Triethylphosphorothioate	2021-05	ug/L													< 10.9
o,o,o-Triethylphosphorothioate	2022-04	ug/L											< 10		
o,o,o-Triethylphosphorothioate	2023-05	ug/L								< 10.4					
o,o,o-Triethylphosphorothioate	2023-08	ug/L								< 12.8					
o,o,o-Triethylphosphorothioate	2023-11	ug/L								< 10.2					
o,o,o-Triethylphosphorothioate	2024-02	ug/L								< 9.26					
o,o,o-Triethylphosphorothioate	2024-04	ug/L													< 10
o,o,o-Triethylphosphorothioate	2024-05	ug/L				< 10									
o,o,o-Triethylphosphorothioate	2024-10	ug/L			< 10.4				< 10.4						
o-Toluidine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
o-Toluidine	2009-07	ug/L							< 10.0						
o-Toluidine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
o-Toluidine	2011-06	ug/L											< 10.0		
o-Toluidine	2012-04	ug/L											< 10.0		
o-Toluidine	2012-06	ug/L													
o-Toluidine	2013-10	ug/L													
o-Toluidine	2014-03	ug/L			< 10.5	**0.597 J**	< 11.5	< 11.5	< 10.6		< 11.4				
o-Toluidine	2014-06	ug/L				< 10.6									
o-Toluidine	2014-09	ug/L				< 10.9									
o-Toluidine	2014-12	ug/L				< 10.0									
o-Toluidine	2015-05	ug/L				< 10.2									< 11
o-Toluidine	2015-10	ug/L													
o-Toluidine	2016-01	ug/L													
o-Toluidine	2016-04	ug/L													< 10.3
o-Toluidine	2017-03	ug/L											< 10.1		
o-Toluidine	2018-03	ug/L													

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N-Nitrosopyrrolidine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
N-Nitrosopyrrolidine	2022-04	ug/L													
N-Nitrosopyrrolidine	2023-05	ug/L								< 11.4					
N-Nitrosopyrrolidine	2023-08	ug/L								< 11.6					
N-Nitrosopyrrolidine	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
N-Nitrosopyrrolidine	2024-02	ug/L								< 10					
N-Nitrosopyrrolidine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
N-Nitrosopyrrolidine	2024-05	ug/L													
N-Nitrosopyrrolidine	2024-10	ug/L													
o,o,o-Triethylphosphorothioate	2009-04	ug/L													
o,o,o-Triethylphosphorothioate	2009-07	ug/L													
o,o,o-Triethylphosphorothioate	2010-04	ug/L													
o,o,o-Triethylphosphorothioate	2011-06	ug/L													
o,o,o-Triethylphosphorothioate	2012-04	ug/L													
o,o,o-Triethylphosphorothioate	2012-06	ug/L					< 10.0		< 10.0						
o,o,o-Triethylphosphorothioate	2013-10	ug/L					< 10.3		< 10.3						
o,o,o-Triethylphosphorothioate	2014-03	ug/L													
o,o,o-Triethylphosphorothioate	2015-10	ug/L									< 10				
o,o,o-Triethylphosphorothioate	2016-01	ug/L									< 10.2	< 10			
o,o,o-Triethylphosphorothioate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
o,o,o-Triethylphosphorothioate	2017-03	ug/L	< 10.4			< 10.4									
o,o,o-Triethylphosphorothioate	2018-03	ug/L									< 10				
o,o,o-Triethylphosphorothioate	2018-06	ug/L									< 10.8				
o,o,o-Triethylphosphorothioate	2018-09	ug/L					< 10.9		< 54.3						
o,o,o-Triethylphosphorothioate	2018-11	ug/L							< 10.9						
o,o,o-Triethylphosphorothioate	2019-04	ug/L										< 11.1			
o,o,o-Triethylphosphorothioate	2019-07	ug/L										< 10.8			
o,o,o-Triethylphosphorothioate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
o,o,o-Triethylphosphorothioate	2022-04	ug/L													
o,o,o-Triethylphosphorothioate	2023-05	ug/L								< 11.4					
o,o,o-Triethylphosphorothioate	2023-08	ug/L								< 11.6					
o,o,o-Triethylphosphorothioate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
o,o,o-Triethylphosphorothioate	2024-02	ug/L								< 10					
o,o,o-Triethylphosphorothioate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
o,o,o-Triethylphosphorothioate	2024-05	ug/L													
o,o,o-Triethylphosphorothioate	2024-10	ug/L													
o-Toluidine	2009-04	ug/L													
o-Toluidine	2009-07	ug/L													
o-Toluidine	2010-04	ug/L													
o-Toluidine	2011-06	ug/L													
o-Toluidine	2012-04	ug/L													
o-Toluidine	2012-06	ug/L					< 10.0		< 10.0						
o-Toluidine	2013-10	ug/L					< 10.3		< 10.3						
o-Toluidine	2014-03	ug/L													
o-Toluidine	2014-06	ug/L													
o-Toluidine	2014-09	ug/L													
o-Toluidine	2014-12	ug/L													
o-Toluidine	2015-05	ug/L		< 10	< 10							< 11	< 10.9		
o-Toluidine	2015-10	ug/L									< 10				
o-Toluidine	2016-01	ug/L									< 10.2	< 10			
o-Toluidine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
o-Toluidine	2017-03	ug/L	< 10.4			< 10.4									
o-Toluidine	2018-03	ug/L									< 10				

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
o-Toluidine	2018-06	ug/L													
o-Toluidine	2018-09	ug/L													
o-Toluidine	2018-11	ug/L													
o-Toluidine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
o-Toluidine	2019-07	ug/L													
o-Toluidine	2021-05	ug/L													< 10.9
o-Toluidine	2022-04	ug/L											< 10		
o-Toluidine	2023-05	ug/L								< 10.4					
o-Toluidine	2023-08	ug/L								< 12.8					
o-Toluidine	2023-11	ug/L								~~< 10.2 R~~					
o-Toluidine	2024-02	ug/L								< 9.26					
o-Toluidine	2024-04	ug/L													< 10
o-Toluidine	2024-05	ug/L				< 10									
o-Toluidine	2024-10	ug/L			< 10.4				< 10.4						
p-(Dimethylamino)azobenzene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
p-(Dimethylamino)azobenzene	2009-07	ug/L							< 10.0						
p-(Dimethylamino)azobenzene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
p-(Dimethylamino)azobenzene	2011-06	ug/L											< 10.0		
p-(Dimethylamino)azobenzene	2012-04	ug/L											< 10.0		
p-(Dimethylamino)azobenzene	2012-06	ug/L													
p-(Dimethylamino)azobenzene	2013-10	ug/L													
p-(Dimethylamino)azobenzene	2014-03	ug/L			< 10.5	< 10.8	**1.62 J**	< 11.5	< 10.6		< 11.4				
p-(Dimethylamino)azobenzene	2014-06	ug/L					**1.67 J**								
p-(Dimethylamino)azobenzene	2014-09	ug/L					**1.42 J**								
p-(Dimethylamino)azobenzene	2014-12	ug/L					< 10.9								
p-(Dimethylamino)azobenzene	2015-05	ug/L					< 11								< 11
p-(Dimethylamino)azobenzene	2015-10	ug/L													
p-(Dimethylamino)azobenzene	2016-01	ug/L													
p-(Dimethylamino)azobenzene	2016-04	ug/L													< 10.3
p-(Dimethylamino)azobenzene	2017-03	ug/L											< 10.1		
p-(Dimethylamino)azobenzene	2018-03	ug/L													
p-(Dimethylamino)azobenzene	2018-06	ug/L													
p-(Dimethylamino)azobenzene	2018-09	ug/L													
p-(Dimethylamino)azobenzene	2018-11	ug/L													
p-(Dimethylamino)azobenzene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
p-(Dimethylamino)azobenzene	2019-07	ug/L													
p-(Dimethylamino)azobenzene	2021-05	ug/L													< 10.9
p-(Dimethylamino)azobenzene	2022-04	ug/L											< 10		
p-(Dimethylamino)azobenzene	2023-05	ug/L								< 10.4					
p-(Dimethylamino)azobenzene	2023-08	ug/L								< 12.8					
p-(Dimethylamino)azobenzene	2023-11	ug/L								< 10.2					
p-(Dimethylamino)azobenzene	2024-02	ug/L								< 9.26					
p-(Dimethylamino)azobenzene	2024-04	ug/L													< 10
p-(Dimethylamino)azobenzene	2024-05	ug/L				< 10									
p-(Dimethylamino)azobenzene	2024-10	ug/L			< 10.4				< 10.4						
Parathion	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Parathion	2009-07	ug/L							< 10.0						
Parathion	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Parathion	2011-06	ug/L											< 10.0		
Parathion	2012-04	ug/L											< 10.0		
Parathion	2012-06	ug/L													
Parathion	2013-10	ug/L													
Parathion	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				

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o-Toluidine	2018-06	ug/L									< 10.8				
o-Toluidine	2018-09	ug/L					< 10.9		< 54.3						
o-Toluidine	2018-11	ug/L							< 10.9						
o-Toluidine	2019-04	ug/L										< 11.1			
o-Toluidine	2019-07	ug/L										< 10.8			
o-Toluidine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
o-Toluidine	2022-04	ug/L													
o-Toluidine	2023-05	ug/L								< 11.4					
o-Toluidine	2023-08	ug/L								< 11.6					
o-Toluidine	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
o-Toluidine	2024-02	ug/L								< 10					
o-Toluidine	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
o-Toluidine	2024-05	ug/L													
o-Toluidine	2024-10	ug/L													
p-(Dimethylamino)azobenzene	2009-04	ug/L													
p-(Dimethylamino)azobenzene	2009-07	ug/L													
p-(Dimethylamino)azobenzene	2010-04	ug/L													
p-(Dimethylamino)azobenzene	2011-06	ug/L													
p-(Dimethylamino)azobenzene	2012-04	ug/L													
p-(Dimethylamino)azobenzene	2012-06	ug/L					< 10.0		< 10.0						
p-(Dimethylamino)azobenzene	2013-10	ug/L					< 10.3		< 10.3						
p-(Dimethylamino)azobenzene	2014-03	ug/L													
p-(Dimethylamino)azobenzene	2014-06	ug/L													
p-(Dimethylamino)azobenzene	2014-09	ug/L													
p-(Dimethylamino)azobenzene	2014-12	ug/L													
p-(Dimethylamino)azobenzene	2015-05	ug/L		< 10	< 10							< 11	< 10.9		
p-(Dimethylamino)azobenzene	2015-10	ug/L									< 10				
p-(Dimethylamino)azobenzene	2016-01	ug/L									< 10.2	< 10			
p-(Dimethylamino)azobenzene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
p-(Dimethylamino)azobenzene	2017-03	ug/L	< 10.4			< 10.4									
p-(Dimethylamino)azobenzene	2018-03	ug/L									< 10				
p-(Dimethylamino)azobenzene	2018-06	ug/L									< 10.8				
p-(Dimethylamino)azobenzene	2018-09	ug/L					< 10.9		< 54.3						
p-(Dimethylamino)azobenzene	2018-11	ug/L							< 10.9						
p-(Dimethylamino)azobenzene	2019-04	ug/L										< 11.1			
p-(Dimethylamino)azobenzene	2019-07	ug/L										< 10.8			
p-(Dimethylamino)azobenzene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
p-(Dimethylamino)azobenzene	2022-04	ug/L													
p-(Dimethylamino)azobenzene	2023-05	ug/L								< 11.4					
p-(Dimethylamino)azobenzene	2023-08	ug/L								< 11.6					
p-(Dimethylamino)azobenzene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
p-(Dimethylamino)azobenzene	2024-02	ug/L								< 10					
p-(Dimethylamino)azobenzene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
p-(Dimethylamino)azobenzene	2024-05	ug/L													
p-(Dimethylamino)azobenzene	2024-10	ug/L													
Parathion	2009-04	ug/L													
Parathion	2009-07	ug/L													
Parathion	2010-04	ug/L													
Parathion	2011-06	ug/L													
Parathion	2012-04	ug/L													
Parathion	2012-06	ug/L					< 10.0		< 10.0						
Parathion	2013-10	ug/L					< 10.3		< 10.3						
Parathion	2014-03	ug/L													

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Parathion	2015-10	ug/L													
Parathion	2016-01	ug/L													
Parathion	2016-04	ug/L													< 10.3
Parathion	2017-03	ug/L											< 10.1		
Parathion	2018-03	ug/L													
Parathion	2018-06	ug/L													
Parathion	2018-09	ug/L													
Parathion	2018-11	ug/L													
Parathion	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Parathion	2019-07	ug/L													
Parathion	2021-05	ug/L													< 10.9
Parathion	2022-04	ug/L											< 10		
Parathion	2023-05	ug/L								< 10.4					
Parathion	2023-08	ug/L								< 12.8					
Parathion	2023-11	ug/L								< 10.2					
Parathion	2024-02	ug/L								< 9.26					
Parathion	2024-04	ug/L													< 10
Parathion	2024-05	ug/L				< 10									
Parathion	2024-10	ug/L			< 10.4				< 10.4						
PCBs - Aroclor 1016	2009-04	ug/L			< 0.800	< 0.800	< 0.800	< 0.800			< 0.800				
PCBs - Aroclor 1016	2009-07	ug/L							< 0.800						
PCBs - Aroclor 1016	2010-04	ug/L			< 0.800	< 0.800	< 0.964	< 0.800	< 0.800		< 0.800				
PCBs - Aroclor 1016	2011-06	ug/L											< 0.800		
PCBs - Aroclor 1016	2012-04	ug/L											< 0.800		
PCBs - Aroclor 1016	2012-06	ug/L													
PCBs - Aroclor 1016	2013-10	ug/L													
PCBs - Aroclor 1016	2014-03	ug/L			< 0.889	< 0.879	< 0.909	< 0.952	< 0.825		< 0.860				
PCBs - Aroclor 1016	2015-10	ug/L													
PCBs - Aroclor 1016	2016-01	ug/L													
PCBs - Aroclor 1016	2016-04	ug/L													< 0.8
PCBs - Aroclor 1016	2017-03	ug/L											< 0.808		
PCBs - Aroclor 1016	2018-03	ug/L													
PCBs - Aroclor 1016	2018-06	ug/L													
PCBs - Aroclor 1016	2018-09	ug/L													
PCBs - Aroclor 1016	2018-11	ug/L													
PCBs - Aroclor 1016	2019-04	ug/L			< 0.889	< 0.842			< 0.87						
PCBs - Aroclor 1016	2019-07	ug/L													
PCBs - Aroclor 1016	2021-05	ug/L													< 0.988
PCBs - Aroclor 1016	2022-04	ug/L											< 0.87		
PCBs - Aroclor 1016	2023-05	ug/L								< 0.851					
PCBs - Aroclor 1016	2023-08	ug/L								< 0.93					
PCBs - Aroclor 1016	2023-11	ug/L								< 0.833					
PCBs - Aroclor 1016	2024-02	ug/L								< 0.741					
PCBs - Aroclor 1016	2024-04	ug/L													< 0.8
PCBs - Aroclor 1016	2024-05	ug/L				< 0.8									
PCBs - Aroclor 1016	2024-10	ug/L			< 1.84				< 1.84						
PCBs - Aroclor 1221	2009-04	ug/L			< 0.800	< 0.800	< 0.800	< 0.800			< 0.800				
PCBs - Aroclor 1221	2009-07	ug/L							< 0.800						
PCBs - Aroclor 1221	2010-04	ug/L			< 0.800	< 0.800	< 0.964	< 0.800	< 0.800		< 0.800				
PCBs - Aroclor 1221	2011-06	ug/L											< 0.800		
PCBs - Aroclor 1221	2012-04	ug/L											< 0.800		
PCBs - Aroclor 1221	2012-06	ug/L													
PCBs - Aroclor 1221	2013-10	ug/L													

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Parathion	2015-10	ug/L									< 10				
Parathion	2016-01	ug/L									< 10.2	< 10			
Parathion	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Parathion	2017-03	ug/L	< 10.4			< 10.4									
Parathion	2018-03	ug/L									< 10				
Parathion	2018-06	ug/L									< 10.8				
Parathion	2018-09	ug/L					< 10.9		< 54.3						
Parathion	2018-11	ug/L							< 10.9						
Parathion	2019-04	ug/L										< 11.1			
Parathion	2019-07	ug/L										< 10.8			
Parathion	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Parathion	2022-04	ug/L													
Parathion	2023-05	ug/L								< 11.4					
Parathion	2023-08	ug/L								< 11.6					
Parathion	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Parathion	2024-02	ug/L								< 10					
Parathion	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Parathion	2024-05	ug/L													
Parathion	2024-10	ug/L													
PCBs - Aroclor 1016	2009-04	ug/L													
PCBs - Aroclor 1016	2009-07	ug/L													
PCBs - Aroclor 1016	2010-04	ug/L													
PCBs - Aroclor 1016	2011-06	ug/L													
PCBs - Aroclor 1016	2012-04	ug/L													
PCBs - Aroclor 1016	2012-06	ug/L					< 0.800		< 0.800						
PCBs - Aroclor 1016	2013-10	ug/L					< 0.816		< 0.825						
PCBs - Aroclor 1016	2014-03	ug/L													
PCBs - Aroclor 1016	2015-10	ug/L									< 0.8				
PCBs - Aroclor 1016	2016-01	ug/L									< 0.8	< 0.8			
PCBs - Aroclor 1016	2016-04	ug/L		< 0.825	< 0.8						< 0.808	< 0.8	< 0.808		
PCBs - Aroclor 1016	2017-03	ug/L	< 0.816			< 0.825									
PCBs - Aroclor 1016	2018-03	ug/L									< 0.808				
PCBs - Aroclor 1016	2018-06	ug/L									< 0.889				
PCBs - Aroclor 1016	2018-09	ug/L					< 0.879		< 0.879						
PCBs - Aroclor 1016	2018-11	ug/L							< 0.93						
PCBs - Aroclor 1016	2019-04	ug/L										< 0.833			
PCBs - Aroclor 1016	2019-07	ug/L										< 0.889			
PCBs - Aroclor 1016	2021-05	ug/L	< 0.842	< 0.86	< 0.851	< 0.909							< 0.952		
PCBs - Aroclor 1016	2022-04	ug/L													
PCBs - Aroclor 1016	2023-05	ug/L								< 0.889					
PCBs - Aroclor 1016	2023-08	ug/L								< 0.87					
PCBs - Aroclor 1016	2023-11	ug/L							< 0.833	< 0.851	< 0.851				
PCBs - Aroclor 1016	2024-02	ug/L								< 0.8					
PCBs - Aroclor 1016	2024-04	ug/L	< 0.833	< 0.8	< 0.851	< 0.8	< 0.816						< 0.8		
PCBs - Aroclor 1016	2024-05	ug/L													
PCBs - Aroclor 1016	2024-10	ug/L													
PCBs - Aroclor 1221	2009-04	ug/L													
PCBs - Aroclor 1221	2009-07	ug/L													
PCBs - Aroclor 1221	2010-04	ug/L													
PCBs - Aroclor 1221	2011-06	ug/L													
PCBs - Aroclor 1221	2012-04	ug/L													
PCBs - Aroclor 1221	2012-06	ug/L					< 0.800		< 0.800						
PCBs - Aroclor 1221	2013-10	ug/L					< 0.816		< 0.825						

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PCBs - Aroclor 1221	2014-03	ug/L			< 0.889	< 0.879	< 0.909	< 0.952	< 0.825		< 0.860				
PCBs - Aroclor 1221	2015-10	ug/L													
PCBs - Aroclor 1221	2016-01	ug/L													
PCBs - Aroclor 1221	2016-04	ug/L													< 0.8
PCBs - Aroclor 1221	2017-03	ug/L											< 0.808		
PCBs - Aroclor 1221	2018-03	ug/L													
PCBs - Aroclor 1221	2018-06	ug/L													
PCBs - Aroclor 1221	2018-09	ug/L													
PCBs - Aroclor 1221	2018-11	ug/L													
PCBs - Aroclor 1221	2019-04	ug/L			< 0.889	< 0.842			< 0.87						
PCBs - Aroclor 1221	2019-07	ug/L													
PCBs - Aroclor 1221	2021-05	ug/L													< 0.988
PCBs - Aroclor 1221	2022-04	ug/L											< 0.87		
PCBs - Aroclor 1221	2023-05	ug/L								< 0.851					
PCBs - Aroclor 1221	2023-08	ug/L								< 0.93					
PCBs - Aroclor 1221	2023-11	ug/L								< 0.833					
PCBs - Aroclor 1221	2024-02	ug/L								< 0.741					
PCBs - Aroclor 1221	2024-04	ug/L													< 0.8
PCBs - Aroclor 1221	2024-05	ug/L				< 0.8									
PCBs - Aroclor 1221	2024-10	ug/L			< 1.84				< 1.84						
PCBs - Aroclor 1232	2009-04	ug/L			< 0.800	< 0.800	< 0.800	< 0.800			< 0.800				
PCBs - Aroclor 1232	2009-07	ug/L							< 0.800						
PCBs - Aroclor 1232	2010-04	ug/L			< 0.800	< 0.800	< 0.964	< 0.800	< 0.800		< 0.800				
PCBs - Aroclor 1232	2011-06	ug/L											< 0.800		
PCBs - Aroclor 1232	2012-04	ug/L											< 0.800		
PCBs - Aroclor 1232	2012-06	ug/L													
PCBs - Aroclor 1232	2013-10	ug/L													
PCBs - Aroclor 1232	2014-03	ug/L			< 0.889	< 0.879	< 0.909	< 0.952	< 0.825		< 0.860				
PCBs - Aroclor 1232	2015-10	ug/L													
PCBs - Aroclor 1232	2016-01	ug/L													
PCBs - Aroclor 1232	2016-04	ug/L													< 0.8
PCBs - Aroclor 1232	2017-03	ug/L											< 0.808		
PCBs - Aroclor 1232	2018-03	ug/L													
PCBs - Aroclor 1232	2018-06	ug/L													
PCBs - Aroclor 1232	2018-09	ug/L													
PCBs - Aroclor 1232	2018-11	ug/L													
PCBs - Aroclor 1232	2019-04	ug/L			< 0.889	< 0.842			< 0.87						
PCBs - Aroclor 1232	2019-07	ug/L													
PCBs - Aroclor 1232	2021-05	ug/L													< 0.988
PCBs - Aroclor 1232	2022-04	ug/L											< 0.87		
PCBs - Aroclor 1232	2023-05	ug/L								< 0.851					
PCBs - Aroclor 1232	2023-08	ug/L								< 0.93					
PCBs - Aroclor 1232	2023-11	ug/L								< 0.833					
PCBs - Aroclor 1232	2024-02	ug/L								< 0.741					
PCBs - Aroclor 1232	2024-04	ug/L													< 0.8
PCBs - Aroclor 1232	2024-05	ug/L				< 0.8									
PCBs - Aroclor 1232	2024-10	ug/L			< 1.84				< 1.84						
PCBs - Aroclor 1242	2009-04	ug/L			< 0.800	< 0.800	< 0.800	< 0.800			< 0.800				
PCBs - Aroclor 1242	2009-07	ug/L							< 0.800						
PCBs - Aroclor 1242	2010-04	ug/L			< 0.800	< 0.800	< 0.964	< 0.800	< 0.800		< 0.800				
PCBs - Aroclor 1242	2011-06	ug/L											< 0.800		
PCBs - Aroclor 1242	2012-04	ug/L											< 0.800		
PCBs - Aroclor 1242	2012-06	ug/L													

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PCBs - Aroclor 1221	2014-03	ug/L													
PCBs - Aroclor 1221	2015-10	ug/L									< 0.8				
PCBs - Aroclor 1221	2016-01	ug/L									< 0.8	< 0.8			
PCBs - Aroclor 1221	2016-04	ug/L		< 0.825	< 0.8						< 0.808	< 0.8	< 0.808		
PCBs - Aroclor 1221	2017-03	ug/L	< 0.816			< 0.825									
PCBs - Aroclor 1221	2018-03	ug/L									< 0.808				
PCBs - Aroclor 1221	2018-06	ug/L									< 0.889				
PCBs - Aroclor 1221	2018-09	ug/L					< 0.879		< 0.879						
PCBs - Aroclor 1221	2018-11	ug/L							< 0.93						
PCBs - Aroclor 1221	2019-04	ug/L										< 0.833			
PCBs - Aroclor 1221	2019-07	ug/L										< 0.889			
PCBs - Aroclor 1221	2021-05	ug/L	< 0.842	< 0.86	< 0.851	< 0.909							< 0.952		
PCBs - Aroclor 1221	2022-04	ug/L													
PCBs - Aroclor 1221	2023-05	ug/L								< 0.889					
PCBs - Aroclor 1221	2023-08	ug/L								< 0.87					
PCBs - Aroclor 1221	2023-11	ug/L							< 0.833	< 0.851	< 0.851				
PCBs - Aroclor 1221	2024-02	ug/L								< 0.8					
PCBs - Aroclor 1221	2024-04	ug/L	< 0.833	< 0.8	< 0.851	< 0.8	< 0.816						< 0.8		
PCBs - Aroclor 1221	2024-05	ug/L													
PCBs - Aroclor 1221	2024-10	ug/L													
PCBs - Aroclor 1232	2009-04	ug/L													
PCBs - Aroclor 1232	2009-07	ug/L													
PCBs - Aroclor 1232	2010-04	ug/L													
PCBs - Aroclor 1232	2011-06	ug/L													
PCBs - Aroclor 1232	2012-04	ug/L													
PCBs - Aroclor 1232	2012-06	ug/L					< 0.800		< 0.800						
PCBs - Aroclor 1232	2013-10	ug/L					< 0.816		< 0.825						
PCBs - Aroclor 1232	2014-03	ug/L													
PCBs - Aroclor 1232	2015-10	ug/L									< 0.8				
PCBs - Aroclor 1232	2016-01	ug/L									< 0.8	< 0.8			
PCBs - Aroclor 1232	2016-04	ug/L		< 0.825	< 0.8						< 0.808	< 0.8	< 0.808		
PCBs - Aroclor 1232	2017-03	ug/L	< 0.816			< 0.825									
PCBs - Aroclor 1232	2018-03	ug/L									< 0.808				
PCBs - Aroclor 1232	2018-06	ug/L									< 0.889				
PCBs - Aroclor 1232	2018-09	ug/L					< 0.879		< 0.879						
PCBs - Aroclor 1232	2018-11	ug/L							< 0.93						
PCBs - Aroclor 1232	2019-04	ug/L										< 0.833			
PCBs - Aroclor 1232	2019-07	ug/L										< 0.889			
PCBs - Aroclor 1232	2021-05	ug/L	< 0.842	< 0.86	< 0.851	< 0.909							< 0.952		
PCBs - Aroclor 1232	2022-04	ug/L													
PCBs - Aroclor 1232	2023-05	ug/L								< 0.889					
PCBs - Aroclor 1232	2023-08	ug/L								< 0.87					
PCBs - Aroclor 1232	2023-11	ug/L							< 0.833	< 0.851	< 0.851				
PCBs - Aroclor 1232	2024-02	ug/L								< 0.8					
PCBs - Aroclor 1232	2024-04	ug/L	< 0.833	< 0.8	< 0.851	< 0.8	< 0.816						< 0.8		
PCBs - Aroclor 1232	2024-05	ug/L													
PCBs - Aroclor 1232	2024-10	ug/L													
PCBs - Aroclor 1242	2009-04	ug/L													
PCBs - Aroclor 1242	2009-07	ug/L													
PCBs - Aroclor 1242	2010-04	ug/L													
PCBs - Aroclor 1242	2011-06	ug/L													
PCBs - Aroclor 1242	2012-04	ug/L													
PCBs - Aroclor 1242	2012-06	ug/L					< 0.800		< 0.800						

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PCBs - Aroclor 1242	2013-10	ug/L													
PCBs - Aroclor 1242	2014-03	ug/L			< 0.889	< 0.879	< 0.909	< 0.952	< 0.825		< 0.860				
PCBs - Aroclor 1242	2015-10	ug/L													
PCBs - Aroclor 1242	2016-01	ug/L													
PCBs - Aroclor 1242	2016-04	ug/L													< 0.8
PCBs - Aroclor 1242	2017-03	ug/L											< 0.808		
PCBs - Aroclor 1242	2018-03	ug/L													
PCBs - Aroclor 1242	2018-06	ug/L													
PCBs - Aroclor 1242	2018-09	ug/L													
PCBs - Aroclor 1242	2018-11	ug/L													
PCBs - Aroclor 1242	2019-04	ug/L			< 0.889	< 0.842			< 0.87						
PCBs - Aroclor 1242	2019-07	ug/L													
PCBs - Aroclor 1242	2021-05	ug/L													< 0.988
PCBs - Aroclor 1242	2022-04	ug/L											< 0.87		
PCBs - Aroclor 1242	2023-05	ug/L								< 0.851					
PCBs - Aroclor 1242	2023-08	ug/L								< 0.93					
PCBs - Aroclor 1242	2023-11	ug/L								< 0.833					
PCBs - Aroclor 1242	2024-02	ug/L								< 0.741					
PCBs - Aroclor 1242	2024-04	ug/L													< 0.8
PCBs - Aroclor 1242	2024-05	ug/L				< 0.8									
PCBs - Aroclor 1242	2024-10	ug/L			< 1.84				< 1.84						
PCBs - Aroclor 1248	2009-04	ug/L			< 0.800	< 0.800	< 0.800	< 0.800			< 0.800				
PCBs - Aroclor 1248	2009-07	ug/L							< 0.800						
PCBs - Aroclor 1248	2010-04	ug/L			< 0.800	< 0.800	< 0.964	< 0.800	< 0.800		< 0.800				
PCBs - Aroclor 1248	2011-06	ug/L											< 0.800		
PCBs - Aroclor 1248	2012-04	ug/L											< 0.800		
PCBs - Aroclor 1248	2012-06	ug/L													
PCBs - Aroclor 1248	2013-10	ug/L													
PCBs - Aroclor 1248	2014-03	ug/L			< 0.889	< 0.879	< 0.909	< 0.952	< 0.825		< 0.860				
PCBs - Aroclor 1248	2015-10	ug/L													
PCBs - Aroclor 1248	2016-01	ug/L													
PCBs - Aroclor 1248	2016-04	ug/L													< 0.8
PCBs - Aroclor 1248	2017-03	ug/L											< 0.808		
PCBs - Aroclor 1248	2018-03	ug/L													
PCBs - Aroclor 1248	2018-06	ug/L													
PCBs - Aroclor 1248	2018-09	ug/L													
PCBs - Aroclor 1248	2018-11	ug/L													
PCBs - Aroclor 1248	2019-04	ug/L			< 0.889	< 0.842			< 0.87						
PCBs - Aroclor 1248	2019-07	ug/L													
PCBs - Aroclor 1248	2021-05	ug/L													< 0.988
PCBs - Aroclor 1248	2022-04	ug/L											< 0.87		
PCBs - Aroclor 1248	2023-05	ug/L								< 0.851					
PCBs - Aroclor 1248	2023-08	ug/L								< 0.93					
PCBs - Aroclor 1248	2023-11	ug/L								< 0.833					
PCBs - Aroclor 1248	2024-02	ug/L								< 0.741					
PCBs - Aroclor 1248	2024-04	ug/L													< 0.8
PCBs - Aroclor 1248	2024-05	ug/L				< 0.8									
PCBs - Aroclor 1248	2024-10	ug/L			< 1.84				< 1.84						
PCBs - Aroclor 1254	2009-04	ug/L			< 0.800	< 0.800	< 0.800	< 0.800			< 0.800				
PCBs - Aroclor 1254	2009-07	ug/L							< 0.800						
PCBs - Aroclor 1254	2010-04	ug/L			< 0.800	< 0.800	< 0.964	< 0.800	< 0.800		< 0.800				
PCBs - Aroclor 1254	2011-06	ug/L											< 0.800		
PCBs - Aroclor 1254	2012-04	ug/L											< 0.800		

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PCBs - Aroclor 1242	2013-10	ug/L					< 0.816		< 0.825						
PCBs - Aroclor 1242	2014-03	ug/L													
PCBs - Aroclor 1242	2015-10	ug/L									< 0.8				
PCBs - Aroclor 1242	2016-01	ug/L									< 0.8	< 0.8			
PCBs - Aroclor 1242	2016-04	ug/L		< 0.825	< 0.8						< 0.808	< 0.8	< 0.808		
PCBs - Aroclor 1242	2017-03	ug/L	< 0.816			< 0.825									
PCBs - Aroclor 1242	2018-03	ug/L									< 0.808				
PCBs - Aroclor 1242	2018-06	ug/L									< 0.889				
PCBs - Aroclor 1242	2018-09	ug/L					< 0.879		< 0.879						
PCBs - Aroclor 1242	2018-11	ug/L							< 0.93						
PCBs - Aroclor 1242	2019-04	ug/L										< 0.833			
PCBs - Aroclor 1242	2019-07	ug/L										< 0.889			
PCBs - Aroclor 1242	2021-05	ug/L	< 0.842	< 0.86	< 0.851	< 0.909							< 0.952		
PCBs - Aroclor 1242	2022-04	ug/L													
PCBs - Aroclor 1242	2023-05	ug/L								< 0.889					
PCBs - Aroclor 1242	2023-08	ug/L								< 0.87					
PCBs - Aroclor 1242	2023-11	ug/L							< 0.833	< 0.851	< 0.851				
PCBs - Aroclor 1242	2024-02	ug/L								< 0.8					
PCBs - Aroclor 1242	2024-04	ug/L	< 0.833	< 0.8	< 0.851	< 0.8	< 0.816						< 0.8		
PCBs - Aroclor 1242	2024-05	ug/L													
PCBs - Aroclor 1242	2024-10	ug/L													
PCBs - Aroclor 1248	2009-04	ug/L													
PCBs - Aroclor 1248	2009-07	ug/L													
PCBs - Aroclor 1248	2010-04	ug/L													
PCBs - Aroclor 1248	2011-06	ug/L													
PCBs - Aroclor 1248	2012-04	ug/L													
PCBs - Aroclor 1248	2012-06	ug/L					< 0.800		< 0.800						
PCBs - Aroclor 1248	2013-10	ug/L					< 0.816		< 0.825						
PCBs - Aroclor 1248	2014-03	ug/L													
PCBs - Aroclor 1248	2015-10	ug/L									< 0.8				
PCBs - Aroclor 1248	2016-01	ug/L									< 0.8	< 0.8			
PCBs - Aroclor 1248	2016-04	ug/L		< 0.825	< 0.8						< 0.808	< 0.8	< 0.808		
PCBs - Aroclor 1248	2017-03	ug/L	< 0.816			< 0.825									
PCBs - Aroclor 1248	2018-03	ug/L									< 0.808				
PCBs - Aroclor 1248	2018-06	ug/L									< 0.889				
PCBs - Aroclor 1248	2018-09	ug/L					< 0.879		< 0.879						
PCBs - Aroclor 1248	2018-11	ug/L							< 0.93						
PCBs - Aroclor 1248	2019-04	ug/L										< 0.833			
PCBs - Aroclor 1248	2019-07	ug/L										< 0.889			
PCBs - Aroclor 1248	2021-05	ug/L	< 0.842	< 0.86	< 0.851	< 0.909							< 0.952		
PCBs - Aroclor 1248	2022-04	ug/L													
PCBs - Aroclor 1248	2023-05	ug/L								< 0.889					
PCBs - Aroclor 1248	2023-08	ug/L								< 0.87					
PCBs - Aroclor 1248	2023-11	ug/L							< 0.833	< 0.851	< 0.851				
PCBs - Aroclor 1248	2024-02	ug/L								< 0.8					
PCBs - Aroclor 1248	2024-04	ug/L	< 0.833	< 0.8	< 0.851	< 0.8	< 0.816						< 0.8		
PCBs - Aroclor 1248	2024-05	ug/L													
PCBs - Aroclor 1248	2024-10	ug/L													
PCBs - Aroclor 1254	2009-04	ug/L													
PCBs - Aroclor 1254	2009-07	ug/L													
PCBs - Aroclor 1254	2010-04	ug/L													
PCBs - Aroclor 1254	2011-06	ug/L													
PCBs - Aroclor 1254	2012-04	ug/L													

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PCBs - Aroclor 1254	2012-06	ug/L													
PCBs - Aroclor 1254	2013-10	ug/L													
PCBs - Aroclor 1254	2014-03	ug/L			< 0.889	< 0.879	< 0.909	< 0.952	< 0.825		< 0.860				
PCBs - Aroclor 1254	2015-10	ug/L													
PCBs - Aroclor 1254	2016-01	ug/L													
PCBs - Aroclor 1254	2016-04	ug/L													< 0.8
PCBs - Aroclor 1254	2017-03	ug/L											< 0.808		
PCBs - Aroclor 1254	2018-03	ug/L													
PCBs - Aroclor 1254	2018-06	ug/L													
PCBs - Aroclor 1254	2018-09	ug/L													
PCBs - Aroclor 1254	2018-11	ug/L													
PCBs - Aroclor 1254	2019-04	ug/L			< 0.889	< 0.842			< 0.87						
PCBs - Aroclor 1254	2019-07	ug/L													
PCBs - Aroclor 1254	2021-05	ug/L													< 0.988
PCBs - Aroclor 1254	2022-04	ug/L											< 0.87		
PCBs - Aroclor 1254	2023-05	ug/L								< 0.851					
PCBs - Aroclor 1254	2023-08	ug/L								< 0.93					
PCBs - Aroclor 1254	2023-11	ug/L								< 0.833					
PCBs - Aroclor 1254	2024-02	ug/L								< 0.741					
PCBs - Aroclor 1254	2024-04	ug/L													< 0.8
PCBs - Aroclor 1254	2024-05	ug/L				< 0.8									
PCBs - Aroclor 1254	2024-10	ug/L			< 1.84				< 1.84						
PCBs - Aroclor 1260	2009-04	ug/L			< 0.800	< 0.800	< 0.800	< 0.800			< 0.800				
PCBs - Aroclor 1260	2009-07	ug/L							< 0.800						
PCBs - Aroclor 1260	2010-04	ug/L			< 0.800	< 0.800	< 0.964	< 0.800	< 0.800		< 0.800				
PCBs - Aroclor 1260	2011-06	ug/L											< 0.800		
PCBs - Aroclor 1260	2012-04	ug/L											< 0.800		
PCBs - Aroclor 1260	2012-06	ug/L													
PCBs - Aroclor 1260	2013-10	ug/L													
PCBs - Aroclor 1260	2014-03	ug/L			< 0.889	< 0.879	< 0.909	< 0.952	< 0.825		< 0.860				
PCBs - Aroclor 1260	2015-10	ug/L													
PCBs - Aroclor 1260	2016-01	ug/L													
PCBs - Aroclor 1260	2016-04	ug/L													< 0.8
PCBs - Aroclor 1260	2017-03	ug/L											< 0.808		
PCBs - Aroclor 1260	2018-03	ug/L													
PCBs - Aroclor 1260	2018-06	ug/L													
PCBs - Aroclor 1260	2018-09	ug/L													
PCBs - Aroclor 1260	2018-11	ug/L													
PCBs - Aroclor 1260	2019-04	ug/L			< 0.889	< 0.842			< 0.87						
PCBs - Aroclor 1260	2019-07	ug/L													
PCBs - Aroclor 1260	2021-05	ug/L													< 0.988
PCBs - Aroclor 1260	2022-04	ug/L											< 0.87		
PCBs - Aroclor 1260	2023-05	ug/L								< 0.851					
PCBs - Aroclor 1260	2023-08	ug/L								< 0.93					
PCBs - Aroclor 1260	2023-11	ug/L								< 0.833					
PCBs - Aroclor 1260	2024-02	ug/L								< 0.741					
PCBs - Aroclor 1260	2024-04	ug/L													< 0.8
PCBs - Aroclor 1260	2024-05	ug/L				< 0.8									
PCBs - Aroclor 1260	2024-10	ug/L			< 1.84				< 1.84						
Pentachlorobenzene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Pentachlorobenzene	2009-07	ug/L							< 10.0						
Pentachlorobenzene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Pentachlorobenzene	2011-06	ug/L											< 10.0		

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PCBs - Aroclor 1254	2012-06	ug/L					< 0.800		< 0.800						
PCBs - Aroclor 1254	2013-10	ug/L					< 0.816		< 0.825						
PCBs - Aroclor 1254	2014-03	ug/L													
PCBs - Aroclor 1254	2015-10	ug/L									< 0.8				
PCBs - Aroclor 1254	2016-01	ug/L									< 0.8	< 0.8			
PCBs - Aroclor 1254	2016-04	ug/L		< 0.825	< 0.8						< 0.808	< 0.8	< 0.808		
PCBs - Aroclor 1254	2017-03	ug/L	< 0.816			< 0.825									
PCBs - Aroclor 1254	2018-03	ug/L									< 0.808				
PCBs - Aroclor 1254	2018-06	ug/L									< 0.889				
PCBs - Aroclor 1254	2018-09	ug/L					< 0.879		< 0.879						
PCBs - Aroclor 1254	2018-11	ug/L							< 0.93						
PCBs - Aroclor 1254	2019-04	ug/L										< 0.833			
PCBs - Aroclor 1254	2019-07	ug/L										< 0.889			
PCBs - Aroclor 1254	2021-05	ug/L	< 0.842	< 0.86	< 0.851	< 0.909							< 0.952		
PCBs - Aroclor 1254	2022-04	ug/L													
PCBs - Aroclor 1254	2023-05	ug/L								< 0.889					
PCBs - Aroclor 1254	2023-08	ug/L								< 0.87					
PCBs - Aroclor 1254	2023-11	ug/L							< 0.833	< 0.851	< 0.851				
PCBs - Aroclor 1254	2024-02	ug/L								< 0.8					
PCBs - Aroclor 1254	2024-04	ug/L	< 0.833	< 0.8	< 0.851	< 0.8	< 0.816						< 0.8		
PCBs - Aroclor 1254	2024-05	ug/L													
PCBs - Aroclor 1254	2024-10	ug/L													
PCBs - Aroclor 1260	2009-04	ug/L													
PCBs - Aroclor 1260	2009-07	ug/L													
PCBs - Aroclor 1260	2010-04	ug/L													
PCBs - Aroclor 1260	2011-06	ug/L													
PCBs - Aroclor 1260	2012-04	ug/L													
PCBs - Aroclor 1260	2012-06	ug/L					< 0.800		< 0.800						
PCBs - Aroclor 1260	2013-10	ug/L					< 0.816		< 0.825						
PCBs - Aroclor 1260	2014-03	ug/L													
PCBs - Aroclor 1260	2015-10	ug/L									< 0.8				
PCBs - Aroclor 1260	2016-01	ug/L									< 0.8	< 0.8			
PCBs - Aroclor 1260	2016-04	ug/L		< 0.825	< 0.8						< 0.808	< 0.8	< 0.808		
PCBs - Aroclor 1260	2017-03	ug/L	< 0.816			< 0.825									
PCBs - Aroclor 1260	2018-03	ug/L									< 0.808				
PCBs - Aroclor 1260	2018-06	ug/L									< 0.889				
PCBs - Aroclor 1260	2018-09	ug/L					< 0.879		< 0.879						
PCBs - Aroclor 1260	2018-11	ug/L							< 0.93						
PCBs - Aroclor 1260	2019-04	ug/L										< 0.833			
PCBs - Aroclor 1260	2019-07	ug/L										< 0.889			
PCBs - Aroclor 1260	2021-05	ug/L	< 0.842	< 0.86	< 0.851	< 0.909							< 0.952		
PCBs - Aroclor 1260	2022-04	ug/L													
PCBs - Aroclor 1260	2023-05	ug/L								< 0.889					
PCBs - Aroclor 1260	2023-08	ug/L								< 0.87					
PCBs - Aroclor 1260	2023-11	ug/L							< 0.833	< 0.851	< 0.851				
PCBs - Aroclor 1260	2024-02	ug/L								< 0.8					
PCBs - Aroclor 1260	2024-04	ug/L	< 0.833	< 0.8	< 0.851	< 0.8	< 0.816						< 0.8		
PCBs - Aroclor 1260	2024-05	ug/L													
PCBs - Aroclor 1260	2024-10	ug/L													
Pentachlorobenzene	2009-04	ug/L													
Pentachlorobenzene	2009-07	ug/L													
Pentachlorobenzene	2010-04	ug/L													
Pentachlorobenzene	2011-06	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Pentachlorobenzene	2012-04	ug/L											< 10.0		
Pentachlorobenzene	2012-06	ug/L													
Pentachlorobenzene	2013-10	ug/L													
Pentachlorobenzene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Pentachlorobenzene	2015-10	ug/L													
Pentachlorobenzene	2016-01	ug/L													
Pentachlorobenzene	2016-04	ug/L													< 10.3
Pentachlorobenzene	2017-03	ug/L											< 10.1		
Pentachlorobenzene	2018-03	ug/L													
Pentachlorobenzene	2018-06	ug/L													
Pentachlorobenzene	2018-09	ug/L													
Pentachlorobenzene	2018-11	ug/L													
Pentachlorobenzene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Pentachlorobenzene	2019-07	ug/L													
Pentachlorobenzene	2021-05	ug/L													< 10.9
Pentachlorobenzene	2022-04	ug/L											< 10		
Pentachlorobenzene	2023-05	ug/L								< 10.4					
Pentachlorobenzene	2023-08	ug/L								< 12.8					
Pentachlorobenzene	2023-11	ug/L								< 10.2					
Pentachlorobenzene	2024-02	ug/L								< 9.26					
Pentachlorobenzene	2024-04	ug/L													< 10
Pentachlorobenzene	2024-05	ug/L				< 10									
Pentachlorobenzene	2024-10	ug/L			< 10.4				< 10.4						
Pentachloronitrobenzene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Pentachloronitrobenzene	2009-07	ug/L							< 10.0						
Pentachloronitrobenzene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Pentachloronitrobenzene	2011-06	ug/L											< 10.0		
Pentachloronitrobenzene	2012-04	ug/L											< 10.0		
Pentachloronitrobenzene	2012-06	ug/L													
Pentachloronitrobenzene	2013-10	ug/L													
Pentachloronitrobenzene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Pentachloronitrobenzene	2015-10	ug/L													
Pentachloronitrobenzene	2016-01	ug/L													
Pentachloronitrobenzene	2016-04	ug/L													< 10.3
Pentachloronitrobenzene	2017-03	ug/L											< 10.1		
Pentachloronitrobenzene	2018-03	ug/L													
Pentachloronitrobenzene	2018-06	ug/L													
Pentachloronitrobenzene	2018-09	ug/L													
Pentachloronitrobenzene	2018-11	ug/L													
Pentachloronitrobenzene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Pentachloronitrobenzene	2019-07	ug/L													
Pentachloronitrobenzene	2021-05	ug/L													< 10.9
Pentachloronitrobenzene	2022-04	ug/L											< 10		
Pentachloronitrobenzene	2023-05	ug/L								< 10.4					
Pentachloronitrobenzene	2023-08	ug/L								< 12.8					
Pentachloronitrobenzene	2023-11	ug/L								< 10.2					
Pentachloronitrobenzene	2024-02	ug/L								< 9.26					
Pentachloronitrobenzene	2024-04	ug/L													< 10
Pentachloronitrobenzene	2024-05	ug/L				< 10									
Pentachloronitrobenzene	2024-10	ug/L			< 10.4				< 10.4						
Pentachlorophenol	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Pentachlorophenol	2009-07	ug/L							< 10.0						
Pentachlorophenol	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Pentachlorobenzene	2012-04	ug/L													
Pentachlorobenzene	2012-06	ug/L					< 10.0		< 10.0						
Pentachlorobenzene	2013-10	ug/L					< 10.3		< 10.3						
Pentachlorobenzene	2014-03	ug/L													
Pentachlorobenzene	2015-10	ug/L									< 10				
Pentachlorobenzene	2016-01	ug/L									< 10.2	< 10			
Pentachlorobenzene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Pentachlorobenzene	2017-03	ug/L	< 10.4			< 10.4									
Pentachlorobenzene	2018-03	ug/L									< 10				
Pentachlorobenzene	2018-06	ug/L									< 10.8				
Pentachlorobenzene	2018-09	ug/L					< 10.9		< 54.3						
Pentachlorobenzene	2018-11	ug/L							< 10.9						
Pentachlorobenzene	2019-04	ug/L										< 11.1			
Pentachlorobenzene	2019-07	ug/L										< 10.8			
Pentachlorobenzene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Pentachlorobenzene	2022-04	ug/L													
Pentachlorobenzene	2023-05	ug/L								< 11.4					
Pentachlorobenzene	2023-08	ug/L								< 11.6					
Pentachlorobenzene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Pentachlorobenzene	2024-02	ug/L								< 10					
Pentachlorobenzene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Pentachlorobenzene	2024-05	ug/L													
Pentachlorobenzene	2024-10	ug/L													
Pentachloronitrobenzene	2009-04	ug/L													
Pentachloronitrobenzene	2009-07	ug/L													
Pentachloronitrobenzene	2010-04	ug/L													
Pentachloronitrobenzene	2011-06	ug/L													
Pentachloronitrobenzene	2012-04	ug/L													
Pentachloronitrobenzene	2012-06	ug/L					< 10.0		< 10.0						
Pentachloronitrobenzene	2013-10	ug/L					< 10.3		< 10.3						
Pentachloronitrobenzene	2014-03	ug/L													
Pentachloronitrobenzene	2015-10	ug/L									< 10				
Pentachloronitrobenzene	2016-01	ug/L									< 10.2	< 10			
Pentachloronitrobenzene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Pentachloronitrobenzene	2017-03	ug/L	< 10.4			< 10.4									
Pentachloronitrobenzene	2018-03	ug/L									< 10				
Pentachloronitrobenzene	2018-06	ug/L									< 10.8				
Pentachloronitrobenzene	2018-09	ug/L					< 10.9		< 54.3						
Pentachloronitrobenzene	2018-11	ug/L							< 10.9						
Pentachloronitrobenzene	2019-04	ug/L										< 11.1			
Pentachloronitrobenzene	2019-07	ug/L										< 10.8			
Pentachloronitrobenzene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Pentachloronitrobenzene	2022-04	ug/L													
Pentachloronitrobenzene	2023-05	ug/L								< 11.4					
Pentachloronitrobenzene	2023-08	ug/L								< 11.6					
Pentachloronitrobenzene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Pentachloronitrobenzene	2024-02	ug/L								< 10					
Pentachloronitrobenzene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Pentachloronitrobenzene	2024-05	ug/L													
Pentachloronitrobenzene	2024-10	ug/L													
Pentachlorophenol	2009-04	ug/L													
Pentachlorophenol	2009-07	ug/L													
Pentachlorophenol	2010-04	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Pentachlorophenol	2011-06	ug/L											< 10.0		
Pentachlorophenol	2012-04	ug/L											< 10.0		
Pentachlorophenol	2012-06	ug/L													
Pentachlorophenol	2013-10	ug/L													
Pentachlorophenol	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	**0.528 J**		< 11.4				
Pentachlorophenol	2014-06	ug/L							< 10.8						
Pentachlorophenol	2014-09	ug/L							< 11.1						
Pentachlorophenol	2014-12	ug/L							< 11.5						
Pentachlorophenol	2015-05	ug/L							< 10.4						< 11
Pentachlorophenol	2015-10	ug/L													
Pentachlorophenol	2016-01	ug/L													
Pentachlorophenol	2016-04	ug/L													< 10.3
Pentachlorophenol	2017-03	ug/L											< 10.1		
Pentachlorophenol	2018-03	ug/L													
Pentachlorophenol	2018-06	ug/L													
Pentachlorophenol	2018-09	ug/L													
Pentachlorophenol	2018-11	ug/L													
Pentachlorophenol	2019-04	ug/L			**2.83 J**	< 10.9			< 10.5						
Pentachlorophenol	2019-07	ug/L													
Pentachlorophenol	2021-05	ug/L													< 10.9
Pentachlorophenol	2022-04	ug/L											< 10		
Pentachlorophenol	2023-05	ug/L								< 10.4					
Pentachlorophenol	2023-08	ug/L								< 12.8					
Pentachlorophenol	2023-11	ug/L								< 10.2					
Pentachlorophenol	2024-02	ug/L								< 9.26					
Pentachlorophenol	2024-04	ug/L													< 10
Pentachlorophenol	2024-05	ug/L				< 10									
Pentachlorophenol	2024-10	ug/L			< 10.4				< 10.4						
Phenacetin	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Phenacetin	2009-07	ug/L							< 10.0						
Phenacetin	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Phenacetin	2011-06	ug/L											< 10.0		
Phenacetin	2012-04	ug/L											< 10.0		
Phenacetin	2012-06	ug/L													
Phenacetin	2013-10	ug/L													
Phenacetin	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Phenacetin	2015-10	ug/L													
Phenacetin	2016-01	ug/L													
Phenacetin	2016-04	ug/L													< 10.3
Phenacetin	2017-03	ug/L											< 10.1		
Phenacetin	2018-03	ug/L													
Phenacetin	2018-06	ug/L													
Phenacetin	2018-09	ug/L													
Phenacetin	2018-11	ug/L													
Phenacetin	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Phenacetin	2019-07	ug/L													
Phenacetin	2021-05	ug/L													< 10.9
Phenacetin	2022-04	ug/L											< 10		
Phenacetin	2023-05	ug/L								< 10.4					
Phenacetin	2023-08	ug/L								< 12.8					
Phenacetin	2023-11	ug/L								< 10.2					
Phenacetin	2024-02	ug/L								< 9.26					
Phenacetin	2024-04	ug/L													< 10

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Pentachlorophenol	2011-06	ug/L													
Pentachlorophenol	2012-04	ug/L													
Pentachlorophenol	2012-06	ug/L					< 10.0		< 10.0						
Pentachlorophenol	2013-10	ug/L					< 10.3		< 10.3						
Pentachlorophenol	2014-03	ug/L													
Pentachlorophenol	2014-06	ug/L													
Pentachlorophenol	2014-09	ug/L													
Pentachlorophenol	2014-12	ug/L													
Pentachlorophenol	2015-05	ug/L		< 10	< 10							< 11	< 10.9		
Pentachlorophenol	2015-10	ug/L									< 10				
Pentachlorophenol	2016-01	ug/L									< 10.2	< 10			
Pentachlorophenol	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Pentachlorophenol	2017-03	ug/L	< 10.4			< 10.4									
Pentachlorophenol	2018-03	ug/L									< 10				
Pentachlorophenol	2018-06	ug/L									< 10.8				
Pentachlorophenol	2018-09	ug/L					< 10.9		< 54.3						
Pentachlorophenol	2018-11	ug/L							< 10.9						
Pentachlorophenol	2019-04	ug/L										< 11.1			
Pentachlorophenol	2019-07	ug/L										< 10.8			
Pentachlorophenol	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Pentachlorophenol	2022-04	ug/L													
Pentachlorophenol	2023-05	ug/L								< 11.4					
Pentachlorophenol	2023-08	ug/L								< 11.6					
Pentachlorophenol	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Pentachlorophenol	2024-02	ug/L								< 10					
Pentachlorophenol	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Pentachlorophenol	2024-05	ug/L													
Pentachlorophenol	2024-10	ug/L													
Phenacetin	2009-04	ug/L													
Phenacetin	2009-07	ug/L													
Phenacetin	2010-04	ug/L													
Phenacetin	2011-06	ug/L													
Phenacetin	2012-04	ug/L													
Phenacetin	2012-06	ug/L					< 10.0		< 10.0						
Phenacetin	2013-10	ug/L					< 10.3		< 10.3						
Phenacetin	2014-03	ug/L													
Phenacetin	2015-10	ug/L									< 10				
Phenacetin	2016-01	ug/L									< 10.2	< 10			
Phenacetin	2016-04	ug/L		< 10	< 10						< 10	< 10	**0.705 J**		
Phenacetin	2017-03	ug/L	< 10.4			< 10.4									
Phenacetin	2018-03	ug/L									< 10				
Phenacetin	2018-06	ug/L									< 10.8				
Phenacetin	2018-09	ug/L					< 10.9		< 54.3						
Phenacetin	2018-11	ug/L							< 10.9						
Phenacetin	2019-04	ug/L										< 11.1			
Phenacetin	2019-07	ug/L										< 10.8			
Phenacetin	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Phenacetin	2022-04	ug/L													
Phenacetin	2023-05	ug/L								< 11.4					
Phenacetin	2023-08	ug/L								< 11.6					
Phenacetin	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Phenacetin	2024-02	ug/L								< 10					
Phenacetin	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Phenacetin	2024-05	ug/L				< 10									
Phenacetin	2024-10	ug/L			< 10.4				< 10.4						
Phenanthrene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Phenanthrene	2009-07	ug/L							< 10.0						
Phenanthrene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Phenanthrene	2011-06	ug/L											< 10.0		
Phenanthrene	2012-04	ug/L											< 10.0		
Phenanthrene	2012-06	ug/L													
Phenanthrene	2013-10	ug/L													
Phenanthrene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Phenanthrene	2015-10	ug/L													
Phenanthrene	2016-01	ug/L													
Phenanthrene	2016-04	ug/L													< 10.3
Phenanthrene	2017-03	ug/L											< 10.1		
Phenanthrene	2018-03	ug/L													
Phenanthrene	2018-06	ug/L													
Phenanthrene	2018-09	ug/L													
Phenanthrene	2018-11	ug/L													
Phenanthrene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Phenanthrene	2019-07	ug/L													
Phenanthrene	2021-05	ug/L													< 10.9
Phenanthrene	2022-04	ug/L											< 10		
Phenanthrene	2023-05	ug/L								< 10.4					
Phenanthrene	2023-08	ug/L								< 12.8					
Phenanthrene	2023-11	ug/L								< 10.2					
Phenanthrene	2024-02	ug/L								< 9.26					
Phenanthrene	2024-04	ug/L													< 10
Phenanthrene	2024-05	ug/L				< 10									
Phenanthrene	2024-10	ug/L			< 10.4				< 10.4						
Phenol	2007-10	mg/L									< 0.02	< 0.018		< 0.018	
Phenol	2007-10	mg/L			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05		
Phenol	2008-10	mg/L			< 0.018	< 0.02	< 0.02	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.02	
Phenol	2009-04	mg/L			< 0.0200	< 0.0200	< 0.0222	< 0.0222			< 0.0200				
Phenol	2009-07	mg/L							< 0.0100						
Phenol	2009-10	mg/L			< 0.0200	< 0.0180	< 0.0200	< 0.0200	< 0.0180	< 0.0180	< 0.0180	< 0.0200	< 0.0180	< 0.0180	
Phenol	2010-04	mg/L			< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100		< 0.0100				
Phenol	2010-06	mg/L													< 0.0200
Phenol	2010-08	mg/L													**0.0954**
Phenol	2010-10	mg/L			< 0.0180										
Phenol	2010-10	mg/L				< 0.0180	< 0.0180	< 0.0180	< 0.0180	< 0.0180	< 0.0180	< 0.0180	< 0.0180	< 0.0200	< 0.0200
Phenol	2010-12	mg/L													< 0.0200
Phenol	2011-02	mg/L													< 0.0200
Phenol	2011-06	mg/L											< 0.0100		
Phenol	2011-10	mg/L			**0.00170 J**										
Phenol	2011-10	mg/L				**0.0163 J**	**0.00277 J**	**0.00509 J**	**0.00483 J**	< 0.0200	**0.00764 J**	**0.00439 J**	**0.00286 J**	**0.00155 J**	**0.00243 J**
Phenol	2011-12	mg/L	**0.00451 J**												
Phenol	2012-02	mg/L	< 0.0180												
Phenol	2012-04	mg/L											< 0.0100		
Phenol	2012-04	mg/L	**0.00591 J**												
Phenol	2012-06	mg/L													
Phenol	2012-06	mg/L													
Phenol	2012-08	mg/L	**0.00155 J**												
Phenol	2013-10	mg/L													

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Phenacetin	2024-05	ug/L													
Phenacetin	2024-10	ug/L													
Phenanthrene	2009-04	ug/L													
Phenanthrene	2009-07	ug/L													
Phenanthrene	2010-04	ug/L													
Phenanthrene	2011-06	ug/L													
Phenanthrene	2012-04	ug/L													
Phenanthrene	2012-06	ug/L					< 10.0		< 10.0						
Phenanthrene	2013-10	ug/L					< 10.3		< 10.3						
Phenanthrene	2014-03	ug/L													
Phenanthrene	2015-10	ug/L									< 10				
Phenanthrene	2016-01	ug/L									< 10.2	< 10			
Phenanthrene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Phenanthrene	2017-03	ug/L	< 10.4			< 10.4									
Phenanthrene	2018-03	ug/L									< 10				
Phenanthrene	2018-06	ug/L									< 10.8				
Phenanthrene	2018-09	ug/L					< 10.9		< 54.3						
Phenanthrene	2018-11	ug/L							< 10.9						
Phenanthrene	2019-04	ug/L										< 11.1			
Phenanthrene	2019-07	ug/L										< 10.8			
Phenanthrene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Phenanthrene	2022-04	ug/L													
Phenanthrene	2023-05	ug/L								< 11.4					
Phenanthrene	2023-08	ug/L								< 11.6					
Phenanthrene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Phenanthrene	2024-02	ug/L								< 10					
Phenanthrene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Phenanthrene	2024-05	ug/L													
Phenanthrene	2024-10	ug/L													
Phenol	2007-10	mg/L													
Phenol	2007-10	mg/L													
Phenol	2008-10	mg/L													
Phenol	2009-04	mg/L													
Phenol	2009-07	mg/L													
Phenol	2009-10	mg/L													
Phenol	2010-04	mg/L													
Phenol	2010-06	mg/L													
Phenol	2010-08	mg/L													
Phenol	2010-10	mg/L													
Phenol	2010-10	mg/L													
Phenol	2010-12	mg/L													
Phenol	2011-02	mg/L													
Phenol	2011-06	mg/L													
Phenol	2011-10	mg/L													
Phenol	2011-10	mg/L													
Phenol	2011-12	mg/L													
Phenol	2012-02	mg/L					< 0.0200		< 0.0180	< 0.0180	< 0.0180	< 0.0200	< 0.0200		
Phenol	2012-04	mg/L													
Phenol	2012-04	mg/L					**0.00171 J**		**0.00158 J**	**0.00235 J**	**0.00351 J**	**0.00187 J**	**0.00320 J**		
Phenol	2012-06	mg/L					< 0.0100		< 0.0100						
Phenol	2012-06	mg/L					< 0.0200		< 0.0200	< 0.0200	**0.00955 J**	< 0.0200	< 0.0200		
Phenol	2012-08	mg/L					**0.00100 J**		**0.00148 J**	**0.00308 J**	**0.00163 J**	**0.00157 J**	**0.00101 J**		
Phenol	2013-10	mg/L					< 0.0103		< 0.0103						

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Phenol	2014-03	mg/L			< 0.0105	< 0.0108	< 0.0115	< 0.0115	< 0.0106		< 0.0114				
Phenol	2015-10	mg/L													
Phenol	2016-01	mg/L													
Phenol	2016-04	mg/L													< 0.0103
Phenol	2017-03	mg/L											< 0.0101		
Phenol	2018-03	mg/L													
Phenol	2018-06	mg/L													
Phenol	2018-09	mg/L													
Phenol	2018-11	mg/L													
Phenol	2019-04	mg/L			< 0.0104	< 0.0109			< 0.0105						
Phenol	2019-07	mg/L													
Phenol	2021-05	mg/L													< 0.0109
Phenol	2022-04	mg/L											< 0.01		~~< 0.0109 R~~
Phenol	2023-05	mg/L								< 0.0104					< 0.01.9
Phenol	2023-08	mg/L								< 0.0128					
Phenol	2023-11	mg/L								< 0.0102					
Phenol	2024-02	mg/L								< 0.00926					
Phenol	2024-04	mg/L													< 0.01
Phenol	2024-05	mg/L				< 0.01									
Phenol	2024-10	mg/L			< 0.0104				< 0.0104						
Phenol	2025-04	mg/L													< 0.0102
Phorate	2009-04	ug/L			< 60.0	< 60.0	< 66.7	< 66.7			< 60.0				
Phorate	2009-07	ug/L							< 10.0						
Phorate	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Phorate	2011-06	ug/L											< 10.0		
Phorate	2012-04	ug/L											< 10.0		
Phorate	2012-06	ug/L													
Phorate	2013-10	ug/L													
Phorate	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Phorate	2015-10	ug/L													
Phorate	2016-01	ug/L													
Phorate	2016-04	ug/L													< 10.3
Phorate	2017-03	ug/L											< 10.1		
Phorate	2018-03	ug/L													
Phorate	2018-06	ug/L													
Phorate	2018-09	ug/L													
Phorate	2018-11	ug/L													
Phorate	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Phorate	2019-07	ug/L													
Phorate	2021-05	ug/L													< 10.9
Phorate	2022-04	ug/L											< 10		
Phorate	2023-05	ug/L								< 10.4					
Phorate	2023-08	ug/L								< 12.8					
Phorate	2023-11	ug/L								< 10.2					
Phorate	2024-02	ug/L								< 9.26					
Phorate	2024-04	ug/L													< 10
Phorate	2024-05	ug/L				< 10									
Phorate	2024-10	ug/L			< 10.4				< 10.4						
p-Phenylenediamine	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
p-Phenylenediamine	2009-07	ug/L							< 10.0						
p-Phenylenediamine	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
p-Phenylenediamine	2011-06	ug/L											< 10.0		
p-Phenylenediamine	2012-04	ug/L											< 10.0		

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Phenol	2014-03	mg/L													
Phenol	2015-10	mg/L									< 0.01				
Phenol	2016-01	mg/L									< 0.0102	< 0.01			
Phenol	2016-04	mg/L		< 0.01	< 0.01						< 0.01	< 0.01	< 0.01		
Phenol	2017-03	mg/L	< 0.0104			< 0.0104									
Phenol	2018-03	mg/L									< 0.01				
Phenol	2018-06	mg/L									< 0.0108				
Phenol	2018-09	mg/L					< 0.0109		< 0.0543						
Phenol	2018-11	mg/L							< 0.0109						
Phenol	2019-04	mg/L										< 0.0111			
Phenol	2019-07	mg/L										< 0.0108			
Phenol	2021-05	mg/L	< 0.0109	< 0.0111	< 0.0106	< 0.0109							< 0.0116		
Phenol	2022-04	mg/L	~~< 0.0104 R~~	~~< 0.01 R~~	~~< 0.0119 R~~	~~< 0.01 R~~							~~< 0.01 R~~		
Phenol	2023-05	mg/L	< 0.01.9	< 0.01.6	< 0.01.9	< 0.01				< 0.0114			~~< 0.01.9~~		
Phenol	2023-08	mg/L								< 0.0116					
Phenol	2023-11	mg/L							< 0.0104	< 0.0104	< 0.0102				
Phenol	2024-02	mg/L								< 0.01					
Phenol	2024-04	mg/L	< 0.01	< 0.01	< 0.0104	< 0.01	< 0.01						< 0.01		
Phenol	2024-05	mg/L													
Phenol	2024-10	mg/L					< 0.01.6								
Phenol	2025-04	mg/L	< 0.0104	< 0.0104	< 0.0104	< 0.0104	< 0.0102						< 0.0104 UJ		
Phorate	2009-04	ug/L													
Phorate	2009-07	ug/L													
Phorate	2010-04	ug/L													
Phorate	2011-06	ug/L													
Phorate	2012-04	ug/L													
Phorate	2012-06	ug/L					< 10.0		< 10.0						
Phorate	2013-10	ug/L					< 10.3		< 10.3						
Phorate	2014-03	ug/L													
Phorate	2015-10	ug/L									< 10				
Phorate	2016-01	ug/L									< 10.2	< 10			
Phorate	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Phorate	2017-03	ug/L	< 10.4			< 10.4									
Phorate	2018-03	ug/L									< 10				
Phorate	2018-06	ug/L									< 10.8				
Phorate	2018-09	ug/L					< 10.9		< 54.3						
Phorate	2018-11	ug/L							< 10.9						
Phorate	2019-04	ug/L										< 11.1			
Phorate	2019-07	ug/L										< 10.8			
Phorate	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Phorate	2022-04	ug/L													
Phorate	2023-05	ug/L								< 11.4					
Phorate	2023-08	ug/L								< 11.6					
Phorate	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Phorate	2024-02	ug/L								< 10					
Phorate	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Phorate	2024-05	ug/L													
Phorate	2024-10	ug/L													
p-Phenylenediamine	2009-04	ug/L													
p-Phenylenediamine	2009-07	ug/L													
p-Phenylenediamine	2010-04	ug/L													
p-Phenylenediamine	2011-06	ug/L													
p-Phenylenediamine	2012-04	ug/L													

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p-Phenylenediamine	2012-06	ug/L													
p-Phenylenediamine	2013-10	ug/L													
p-Phenylenediamine	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
p-Phenylenediamine	2015-10	ug/L													
p-Phenylenediamine	2016-01	ug/L													
p-Phenylenediamine	2016-04	ug/L													< 10.3
p-Phenylenediamine	2017-03	ug/L											< 10.1		
p-Phenylenediamine	2018-03	ug/L													
p-Phenylenediamine	2018-06	ug/L													
p-Phenylenediamine	2018-09	ug/L													
p-Phenylenediamine	2018-11	ug/L													
p-Phenylenediamine	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
p-Phenylenediamine	2019-07	ug/L													
p-Phenylenediamine	2021-05	ug/L													< 10.9
p-Phenylenediamine	2022-04	ug/L											~~< 10 R~~		
p-Phenylenediamine	2022-10	ug/L											~~< 7.94 R~~		~~< 8.47 R~~
p-Phenylenediamine	2023-02	ug/L											< 9.26		
p-Phenylenediamine	2023-05	ug/L								~~< 10.4~~					
p-Phenylenediamine	2023-08	ug/L								< 12.8					
p-Phenylenediamine	2023-11	ug/L								~~< 10.2 R~~					
p-Phenylenediamine	2024-02	ug/L								~~< 9.26 R~~					
p-Phenylenediamine	2024-04	ug/L													~~< 10 R~~
p-Phenylenediamine	2024-05	ug/L				~~< 10 R~~									
p-Phenylenediamine	2024-10	ug/L			< 10.4				< 10.4						
Pronamide	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Pronamide	2009-07	ug/L							< 10.0						
Pronamide	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Pronamide	2011-06	ug/L											< 10.0		
Pronamide	2012-04	ug/L											< 10.0		
Pronamide	2012-06	ug/L													
Pronamide	2013-10	ug/L													
Pronamide	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Pronamide	2015-10	ug/L													
Pronamide	2016-01	ug/L													
Pronamide	2016-04	ug/L													< 10.3
Pronamide	2017-03	ug/L											< 10.1		
Pronamide	2018-03	ug/L													
Pronamide	2018-06	ug/L													
Pronamide	2018-09	ug/L													
Pronamide	2018-11	ug/L													
Pronamide	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Pronamide	2019-07	ug/L													
Pronamide	2021-05	ug/L													< 10.9
Pronamide	2022-04	ug/L											< 10		
Pronamide	2023-05	ug/L								< 10.4					
Pronamide	2023-08	ug/L								< 12.8					
Pronamide	2023-11	ug/L								< 10.2					
Pronamide	2024-02	ug/L								< 9.26					
Pronamide	2024-04	ug/L													< 10
Pronamide	2024-05	ug/L				< 10									
Pronamide	2024-10	ug/L			< 10.4				< 10.4						
Propionitrile	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Propionitrile	2009-07	ug/L							< 10.0						

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p-Phenylenediamine	2012-06	ug/L					< 10.0		< 10.0						
p-Phenylenediamine	2013-10	ug/L					< 10.3		< 10.3						
p-Phenylenediamine	2014-03	ug/L													
p-Phenylenediamine	2015-10	ug/L									< 10				
p-Phenylenediamine	2016-01	ug/L									< 10.2	< 10			
p-Phenylenediamine	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
p-Phenylenediamine	2017-03	ug/L	< 10.4			< 10.4									
p-Phenylenediamine	2018-03	ug/L									< 10				
p-Phenylenediamine	2018-06	ug/L									< 10.8				
p-Phenylenediamine	2018-09	ug/L					< 10.9		< 54.3						
p-Phenylenediamine	2018-11	ug/L							< 10.9						
p-Phenylenediamine	2019-04	ug/L										< 11.1			
p-Phenylenediamine	2019-07	ug/L										< 10.8			
p-Phenylenediamine	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
p-Phenylenediamine	2022-04	ug/L													
p-Phenylenediamine	2022-10	ug/L	~~< 7.94 R~~	~~< 8.62 R~~	~~< 8.06 R~~	~~< 8.33 R~~							~~< 8.47 R~~		
p-Phenylenediamine	2023-02	ug/L													
p-Phenylenediamine	2023-05	ug/L								~~< 11.4~~					
p-Phenylenediamine	2023-08	ug/L								< 11.6					
p-Phenylenediamine	2023-11	ug/L							~~< 10.4 R~~	~~< 10.4 R~~	~~< 10.2 R~~				
p-Phenylenediamine	2024-02	ug/L								~~< 10 R~~					
p-Phenylenediamine	2024-04	ug/L	~~< 10 R~~	~~< 10 R~~	~~< 10.4 R~~	~~< 10 R~~	~~< 10 R~~						~~< 10 R~~		
p-Phenylenediamine	2024-05	ug/L													
p-Phenylenediamine	2024-10	ug/L													
Pronamide	2009-04	ug/L													
Pronamide	2009-07	ug/L													
Pronamide	2010-04	ug/L													
Pronamide	2011-06	ug/L													
Pronamide	2012-04	ug/L													
Pronamide	2012-06	ug/L					< 10.0		< 10.0						
Pronamide	2013-10	ug/L					< 10.3		< 10.3						
Pronamide	2014-03	ug/L													
Pronamide	2015-10	ug/L									< 10				
Pronamide	2016-01	ug/L									< 10.2	< 10			
Pronamide	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Pronamide	2017-03	ug/L	< 10.4			< 10.4									
Pronamide	2018-03	ug/L									< 10				
Pronamide	2018-06	ug/L									< 10.8				
Pronamide	2018-09	ug/L					< 10.9		< 54.3						
Pronamide	2018-11	ug/L							< 10.9						
Pronamide	2019-04	ug/L										< 11.1			
Pronamide	2019-07	ug/L										< 10.8			
Pronamide	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Pronamide	2022-04	ug/L													
Pronamide	2023-05	ug/L								< 11.4					
Pronamide	2023-08	ug/L								< 11.6					
Pronamide	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Pronamide	2024-02	ug/L								< 10					
Pronamide	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Pronamide	2024-05	ug/L													
Pronamide	2024-10	ug/L													
Propionitrile	2009-04	ug/L													
Propionitrile	2009-07	ug/L													

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Propionitrile	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Propionitrile	2011-06	ug/L											< 10.0		
Propionitrile	2012-04	ug/L											< 10.0		
Propionitrile	2012-06	ug/L													
Propionitrile	2013-10	ug/L													
Propionitrile	2014-03	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Propionitrile	2015-10	ug/L													
Propionitrile	2016-01	ug/L													
Propionitrile	2016-04	ug/L													< 10
Propionitrile	2017-03	ug/L											< 10		
Propionitrile	2018-03	ug/L													
Propionitrile	2018-06	ug/L													
Propionitrile	2018-09	ug/L													
Propionitrile	2018-11	ug/L													
Propionitrile	2019-04	ug/L			< 10	< 10			< 10						
Propionitrile	2019-07	ug/L													
Propionitrile	2021-05	ug/L													< 10
Propionitrile	2022-04	ug/L											< 10		
Propionitrile	2023-05	ug/L								< 10					
Propionitrile	2023-08	ug/L								< 10					
Propionitrile	2023-11	ug/L								< 10					
Propionitrile	2024-02	ug/L								< 10					
Propionitrile	2024-04	ug/L													< 10
Propionitrile	2024-05	ug/L				< 10									
Propionitrile	2024-10	ug/L			< 10				< 10						
Pyrene	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				
Pyrene	2009-07	ug/L							< 10.0						
Pyrene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Pyrene	2011-06	ug/L											< 10.0		
Pyrene	2012-04	ug/L											< 10.0		
Pyrene	2012-06	ug/L													
Pyrene	2013-10	ug/L													
Pyrene	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Pyrene	2015-10	ug/L													
Pyrene	2016-01	ug/L													
Pyrene	2016-04	ug/L													< 10.3
Pyrene	2017-03	ug/L											< 10.1		
Pyrene	2018-03	ug/L													
Pyrene	2018-06	ug/L													
Pyrene	2018-09	ug/L													
Pyrene	2018-11	ug/L													
Pyrene	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Pyrene	2019-07	ug/L													
Pyrene	2021-05	ug/L													< 10.9
Pyrene	2022-04	ug/L											< 10		
Pyrene	2023-05	ug/L								< 10.4					
Pyrene	2023-08	ug/L								< 12.8					
Pyrene	2023-11	ug/L								< 10.2					
Pyrene	2024-02	ug/L								< 9.26					
Pyrene	2024-04	ug/L													< 10
Pyrene	2024-05	ug/L				< 10									
Pyrene	2024-10	ug/L			< 10.4				< 10.4						
Safrole	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Propionitrile	2010-04	ug/L													
Propionitrile	2011-06	ug/L													
Propionitrile	2012-04	ug/L													
Propionitrile	2012-06	ug/L					< 10.0		< 10.0						
Propionitrile	2013-10	ug/L					< 10.0		< 10.0						
Propionitrile	2014-03	ug/L													
Propionitrile	2015-10	ug/L									< 10				
Propionitrile	2016-01	ug/L									< 10	< 10			
Propionitrile	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Propionitrile	2017-03	ug/L	< 10			< 10									
Propionitrile	2018-03	ug/L									< 10				
Propionitrile	2018-06	ug/L									< 10				
Propionitrile	2018-09	ug/L					< 10		< 10						
Propionitrile	2018-11	ug/L							< 10						
Propionitrile	2019-04	ug/L										< 10			
Propionitrile	2019-07	ug/L										< 10			
Propionitrile	2021-05	ug/L	< 10	< 10	< 10	< 10							< 10		
Propionitrile	2022-04	ug/L													
Propionitrile	2023-05	ug/L								< 10					
Propionitrile	2023-08	ug/L								< 10					
Propionitrile	2023-11	ug/L							< 10	< 10	< 10				
Propionitrile	2024-02	ug/L								< 10					
Propionitrile	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10						< 10		
Propionitrile	2024-05	ug/L													
Propionitrile	2024-10	ug/L													
Pyrene	2009-04	ug/L													
Pyrene	2009-07	ug/L													
Pyrene	2010-04	ug/L													
Pyrene	2011-06	ug/L													
Pyrene	2012-04	ug/L													
Pyrene	2012-06	ug/L					< 10.0		< 10.0						
Pyrene	2013-10	ug/L					< 10.3		< 10.3						
Pyrene	2014-03	ug/L													
Pyrene	2015-10	ug/L									< 10				
Pyrene	2016-01	ug/L									< 10.2	< 10			
Pyrene	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Pyrene	2017-03	ug/L	< 10.4			< 10.4									
Pyrene	2018-03	ug/L									< 10				
Pyrene	2018-06	ug/L									< 10.8				
Pyrene	2018-09	ug/L					< 10.9		< 54.3						
Pyrene	2018-11	ug/L							< 10.9						
Pyrene	2019-04	ug/L										< 11.1			
Pyrene	2019-07	ug/L										< 10.8			
Pyrene	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Pyrene	2022-04	ug/L													
Pyrene	2023-05	ug/L								< 11.4					
Pyrene	2023-08	ug/L								< 11.6					
Pyrene	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Pyrene	2024-02	ug/L								< 10					
Pyrene	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Pyrene	2024-05	ug/L													
Pyrene	2024-10	ug/L													
Safrole	2009-04	ug/L													

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Safrole	2009-07	ug/L							< 10.0						
Safrole	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Safrole	2011-06	ug/L											< 10.0		
Safrole	2012-04	ug/L											< 10.0		
Safrole	2012-06	ug/L													
Safrole	2013-10	ug/L													
Safrole	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Safrole	2015-10	ug/L													
Safrole	2016-01	ug/L													
Safrole	2016-04	ug/L													< 10.3
Safrole	2017-03	ug/L											< 10.1		
Safrole	2018-03	ug/L													
Safrole	2018-06	ug/L													
Safrole	2018-09	ug/L													
Safrole	2018-11	ug/L													
Safrole	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Safrole	2019-07	ug/L													
Safrole	2021-05	ug/L													< 10.9
Safrole	2022-04	ug/L											< 10		
Safrole	2023-05	ug/L								< 10.4					
Safrole	2023-08	ug/L								< 12.8					
Safrole	2023-11	ug/L								< 10.2					
Safrole	2024-02	ug/L								< 9.26					
Safrole	2024-04	ug/L													< 10
Safrole	2024-05	ug/L				< 10									
Safrole	2024-10	ug/L			< 10.4				< 10.4						
Selenium	2007-10	mg/L			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Selenium	2008-01	mg/L			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Selenium	2008-04	mg/L			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Selenium	2008-07	mg/L			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Selenium	2008-10	mg/L			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Selenium	2009-04	mg/L			< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	
Selenium	2009-07	mg/L							< 0.00500			< 0.00500			
Selenium	2009-10	mg/L			< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	
Selenium	2009-12	mg/L							< 0.00500			< 0.00500			
Selenium	2010-02	mg/L										< 0.00500			
Selenium	2010-04	mg/L			< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	
Selenium	2010-06	mg/L										< 0.00500			< 0.00500
Selenium	2010-08	mg/L													< 0.00500
Selenium	2010-10	mg/L			< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Selenium	2010-12	mg/L													< 0.00500
Selenium	2011-02	mg/L													< 0.00500
Selenium	2011-04	mg/L			< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Selenium	2011-06	mg/L											< 0.00500		< 0.00500
Selenium	2011-10	mg/L			< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Selenium	2011-12	mg/L	< 0.00500												< 0.00500
Selenium	2012-02	mg/L	< 0.00500												
Selenium	2012-04	mg/L	< 0.0250		**0.00440 J**	< 0.0250	**0.00605 J**	**0.00295 J**	**0.00480 J**	**0.00460 J**	< 0.0250	**0.00270 J**	< 0.0250	**0.00255 J**	< 0.0250
Selenium	2012-06	mg/L													
Selenium	2012-08	mg/L	< 0.00500 J												
Selenium	2012-10	mg/L	**0.00187 J**		**0.0157 J**	**0.0144 J**	**0.00530 J**	**0.0124 J**	**0.0202 J**	**0.00156 J**	**0.00940 J**	**0.0208 J**	**0.00278 J**	< 0.0500	**0.00226 J**
Selenium	2013-01	mg/L													
Selenium	2013-04	mg/L	< 0.00500		< 0.00500	**0.00180 J**	< 0.00500	**0.0125**	**0.00455 J**	< 0.00500	< 0.00500	< 0.00500	< 0.00500	**0.00320 J**	< 0.00500

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Safrole	2009-07	ug/L													
Safrole	2010-04	ug/L													
Safrole	2011-06	ug/L													
Safrole	2012-04	ug/L													
Safrole	2012-06	ug/L					< 10.0		< 10.0						
Safrole	2013-10	ug/L					< 10.3		< 10.3						
Safrole	2014-03	ug/L													
Safrole	2015-10	ug/L									< 10				
Safrole	2016-01	ug/L									< 10.2	< 10			
Safrole	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Safrole	2017-03	ug/L	< 10.4			< 10.4									
Safrole	2018-03	ug/L									< 10				
Safrole	2018-06	ug/L									< 10.8				
Safrole	2018-09	ug/L					< 10.9		< 54.3						
Safrole	2018-11	ug/L							< 10.9						
Safrole	2019-04	ug/L										< 11.1			
Safrole	2019-07	ug/L										< 10.8			
Safrole	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Safrole	2022-04	ug/L													
Safrole	2023-05	ug/L								< 11.4					
Safrole	2023-08	ug/L								< 11.6					
Safrole	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Safrole	2024-02	ug/L								< 10					
Safrole	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Safrole	2024-05	ug/L													
Safrole	2024-10	ug/L													
Selenium	2007-10	mg/L													
Selenium	2008-01	mg/L													
Selenium	2008-04	mg/L													
Selenium	2008-07	mg/L													
Selenium	2008-10	mg/L													
Selenium	2009-04	mg/L													
Selenium	2009-07	mg/L													
Selenium	2009-10	mg/L													
Selenium	2009-12	mg/L													
Selenium	2010-02	mg/L													
Selenium	2010-04	mg/L													
Selenium	2010-06	mg/L													
Selenium	2010-08	mg/L													
Selenium	2010-10	mg/L													
Selenium	2010-12	mg/L													
Selenium	2011-02	mg/L													
Selenium	2011-04	mg/L													
Selenium	2011-06	mg/L													
Selenium	2011-10	mg/L													
Selenium	2011-12	mg/L													
Selenium	2012-02	mg/L					**0.00505**		**0.00407 J**	**0.00129 J**	**0.00244 J**	< 0.00500	< 0.00500		
Selenium	2012-04	mg/L					**0.00360 J**		**0.00305 J**	**0.00575 J**	< 0.0250	**0.00285 J**	**0.00190 J**		
Selenium	2012-06	mg/L					< 0.00500 J		< 0.00500 J	< 0.00500 J	< 0.00500 J	< 0.00500 J	< 0.00500 J		
Selenium	2012-08	mg/L					**0.00206 J**		< 0.00500 J	< 0.00500 J	< 0.00500 J	< 0.00500	< 0.00500 J		
Selenium	2012-10	mg/L		**0.0101 J**	**0.0508 J**		**0.0127 J**		**0.00410 J**	**0.00299 J**	**0.00204 J**	**0.00195 J**	**0.00388 J**		
Selenium	2013-01	mg/L		< 0.00500	< 0.00500										
Selenium	2013-04	mg/L		< 0.00500	< 0.00500		**0.00213 J**		**0.00286 J**	< 0.00500	**0.00190 J**	**0.00694**	< 0.00500		

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Selenium	2013-06	mg/L													
Selenium	2013-08	mg/L													
Selenium	2013-10	mg/L	< 0.00500		**0.00107 J**	< 0.00500	< 0.00500	**0.000769 J**	< 0.00500	< 0.00500	< 0.00500	**0.00309 J**	< 0.00500	**0.000819 J**	< 0.00500
Selenium	2013-12	mg/L													
Selenium	2014-03	mg/L	**0.00141 J**		< 0.00500	< 0.00500	< 0.00500	**0.0135**	< 0.00500	< 0.00500	< 0.00500	**0.00537**	< 0.00500	**0.00118 J**	**0.00230 J**
Selenium	2014-09	mg/L	< 0.00500		< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Selenium	2015-05	mg/L	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Selenium	2015-10	mg/L	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Selenium	2016-01	mg/L													
Selenium	2016-04	mg/L	< 0.005	< 0.005	**0.000729 J**	< 0.005	< 0.005	**0.00123 J**	< 0.005	< 0.005	< 0.005	**0.00095 J**	< 0.005	< 0.005	< 0.005
Selenium	2016-07	mg/L		< 0.005											
Selenium	2016-09	mg/L		< 0.005	**0.000993 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.000814 J**	**0.00125 J**	< 0.005	< 0.005	< 0.005
Selenium	2016-12	mg/L		< 0.005											
Selenium	2017-03	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Selenium	2017-08	mg/L	< 0.005	< 0.005	**0.00139 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00218 J**	< 0.005		< 0.005
Selenium	2018-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00257 J**	< 0.005	< 0.005	**0.00142 J**	**0.00179 J**	< 0.005		< 0.005
Selenium	2018-06	mg/L													
Selenium	2018-09	mg/L	< 0.005	< 0.005	**0.00156 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00134 J**	< 0.005		< 0.005
Selenium	2018-11	mg/L													
Selenium	2019-04	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025		~~< 0.0025~~
Selenium	2019-07	mg/L													
Selenium	2019-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00241 J**	< 0.005		< 0.005
Selenium	2020-04	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00119 J**	< 0.005		< 0.005
Selenium	2020-10	mg/L	< 0.005	< 0.005	**0.00151 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00132 J**	< 0.005		< 0.005
Selenium	2021-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.0011 J**	**0.00274 J**	< 0.005	< 0.005	**0.00125 J**	< 0.005
Selenium	2021-10	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00105 J**	< 0.005	< 0.005		< 0.005
Selenium	2022-04	mg/L		< 0.005		< 0.005						**0.00288 J**	< 0.005		< 0.005
Selenium	2022-10	mg/L	**0.0021 J**	**0.00213 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.0014 J**	**0.00186 J**	< 0.005		< 0.005
Selenium	2023-05	mg/L	**0.0014 J**	**0.00153 J**		< 0.005				< 0.005		**0.00215 J**	< 0.005		< 0.005
Selenium	2023-08	mg/L								< 0.005					
Selenium	2023-11	mg/L		< 0.005	**0.00155 J**	< 0.005	< 0.005	**0.00199 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Selenium	2024-02	mg/L								< 0.005					
Selenium	2024-04	mg/L		< 0.005									< 0.005		< 0.005
Selenium	2024-05	mg/L				< 0.005						**0.00211 J**			
Selenium	2024-09	mg/L													
Selenium	2024-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00175 J**	< 0.005		< 0.005
Selenium	2025-04	mg/L	< 0.005	< 0.005		< 0.005						< 0.005	< 0.005		< 0.005
Selenium	2025-10	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	**0.00401 J**	< 0.005	< 0.005	< 0.005	**0.00145 J**	< 0.005		< 0.005
Silver	2007-10	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Silver	2008-01	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Silver	2008-04	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Silver	2008-07	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Silver	2008-10	mg/L			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Silver	2009-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Silver	2009-07	mg/L							< 0.0200			< 0.0200			
Silver	2009-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Silver	2009-12	mg/L							< 0.0200			< 0.0200			
Silver	2010-02	mg/L										< 0.0200			
Silver	2010-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	
Silver	2010-06	mg/L										< 0.0200			~~< 0.0200~~
Silver	2010-08	mg/L													~~< 0.0200~~
Silver	2010-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	~~< 0.0200~~
Silver	2010-12	mg/L													~~< 0.0200~~

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Selenium	2013-06	mg/L		< 0.0250	< 0.0250										
Selenium	2013-08	mg/L		< 0.00500	< 0.00500										
Selenium	2013-10	mg/L		**0.00113 J**	< 0.00500		< 0.00500		< 0.00500	< 0.00500	< 0.00500	**0.00150 J**	< 0.00500		
Selenium	2013-12	mg/L		**0.00127 J**	< 0.00500										
Selenium	2014-03	mg/L		**0.00140 J**	< 0.00500		< 0.00500		< 0.00500	< 0.00500	< 0.00500	**0.000915 J**	**0.000703 J**		
Selenium	2014-09	mg/L		< 0.00500	< 0.00500		< 0.00500		< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500		
Selenium	2015-05	mg/L		< 0.005	< 0.005		< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2015-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2016-01	mg/L									< 0.005	< 0.005			
Selenium	2016-04	mg/L	< 0.005	**0.000678 J**	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2016-07	mg/L													
Selenium	2016-09	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2016-12	mg/L													
Selenium	2017-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2017-08	mg/L	**0.00214 J**	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2018-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2018-06	mg/L									< 0.005				
Selenium	2018-09	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2018-11	mg/L							< 0.005						
Selenium	2019-04	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025		< 0.0025	< 0.0025	< 0.0025	< 0.0025	~~< 0.0025~~		
Selenium	2019-07	mg/L										< 0.0025			
Selenium	2019-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2020-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2020-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2021-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	**0.00115 J**	< 0.005	< 0.005		
Selenium	2021-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2022-04	mg/L	~~**0.00778 J**~~	< 0.005	**0.00131 J**	**0.00177 J**	< 0.005					< 0.005	< 0.005		
Selenium	2022-10	mg/L	**0.00105 J**	**0.00269 J**	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2023-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005		< 0.005	< 0.005		
Selenium	2023-08	mg/L								< 0.005					
Selenium	2023-11	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Selenium	2024-02	mg/L								< 0.005					
Selenium	2024-04	mg/L	< 0.005	< 0.005	**0.00177 J**	< 0.005	< 0.005					< 0.005	< 0.005		
Selenium	2024-05	mg/L													
Selenium	2024-09	mg/L		< 0.005	< 0.005	< 0.005							< 0.005		
Selenium	2024-10	mg/L	< 0.005				< 0.005		< 0.005	< 0.005	< 0.005	< 0.005			
Selenium	2025-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005		
Selenium	2025-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Silver	2007-10	mg/L													
Silver	2008-01	mg/L													
Silver	2008-04	mg/L													
Silver	2008-07	mg/L													
Silver	2008-10	mg/L													
Silver	2009-04	mg/L													
Silver	2009-07	mg/L													
Silver	2009-10	mg/L													
Silver	2009-12	mg/L													
Silver	2010-02	mg/L													
Silver	2010-04	mg/L													
Silver	2010-06	mg/L													
Silver	2010-08	mg/L													
Silver	2010-10	mg/L													
Silver	2010-12	mg/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Silver	2011-02	mg/L													~~< 0.0200~~
Silver	2011-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	~~< 0.0200~~
Silver	2011-06	mg/L											< 0.0200		~~< 0.0200~~
Silver	2011-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	~~< 0.0200~~
Silver	2011-12	mg/L	< 0.0200												~~< 0.0200~~
Silver	2012-02	mg/L	< 0.000500												
Silver	2012-04	mg/L	< 0.00250		< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	< 0.00250	~~< 0.00250~~
Silver	2012-06	mg/L													
Silver	2012-08	mg/L	< 0.000500												
Silver	2012-10	mg/L	< 0.000500		< 0.00500	< 0.0100	< 0.00500	< 0.0100	< 0.00500	< 0.000500	< 0.00500	< 0.00500	< 0.000500	< 0.00500	< 0.000500
Silver	2013-01	mg/L													
Silver	2013-04	mg/L	< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500
Silver	2013-06	mg/L													
Silver	2013-08	mg/L													
Silver	2013-10	mg/L	< 0.00500		< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Silver	2013-12	mg/L													
Silver	2014-03	mg/L	**0.0000466 J**		< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	**0.0000947 J**
Silver	2014-09	mg/L	< 0.00100		< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100
Silver	2015-05	mg/L	**0.000053 J**		**0.000052 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	**0.000062 J**	< 0.001	< 0.001	< 0.001	< 0.001
Silver	2015-10	mg/L	< 0.001		**0.000095 J**	**0.000111 J**	< 0.001	< 0.001	**0.000114 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silver	2016-01	mg/L													
Silver	2016-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silver	2016-07	mg/L		< 0.001											
Silver	2016-09	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silver	2016-12	mg/L		< 0.001											
Silver	2017-03	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2017-08	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2018-03	mg/L	< 0.001	< 0.001	**0.000204 J**	< 0.001	< 0.001	**0.000225 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2018-06	mg/L													
Silver	2018-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2018-11	mg/L													
Silver	2019-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		~~< 0.0005~~
Silver	2019-07	mg/L													
Silver	2019-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2020-04	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2020-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2021-05	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silver	2021-10	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2022-04	mg/L		< 0.001		< 0.001						< 0.001	< 0.001		< 0.001
Silver	2022-10	mg/L	**0.0014**	**0.0017**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2023-02	mg/L		< 0.001											
Silver	2023-05	mg/L	< 0.001	< 0.001		< 0.001				< 0.001		< 0.001	< 0.001		< 0.001
Silver	2023-08	mg/L								< 0.001					
Silver	2023-11	mg/L		< 0.001	**0.00109**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2024-02	mg/L								< 0.001					
Silver	2024-04	mg/L		< 0.001									< 0.001		< 0.001
Silver	2024-05	mg/L				< 0.001						< 0.001			
Silver	2024-09	mg/L													
Silver	2024-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Silver	2025-04	mg/L	< 0.001	< 0.001		< 0.001						< 0.001	< 0.001		< 0.001
Silver	2025-10	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Styrene	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Styrene	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Silver	2011-02	mg/L													
Silver	2011-04	mg/L													
Silver	2011-06	mg/L													
Silver	2011-10	mg/L													
Silver	2011-12	mg/L													
Silver	2012-02	mg/L					< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500		
Silver	2012-04	mg/L					< 0.00250		< 0.00250	< 0.00250	< 0.00250	< 0.00250	~~< 0.00250~~		
Silver	2012-06	mg/L					< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500		
Silver	2012-08	mg/L					< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500		
Silver	2012-10	mg/L		~~< 0.00500~~	~~< 0.0100~~		< 0.00500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500		
Silver	2013-01	mg/L		~~< 0.0200~~	~~< 0.0200~~										
Silver	2013-04	mg/L		< 0.000500	< 0.000500		< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500		
Silver	2013-06	mg/L		~~< 0.00250~~	~~< 0.00250~~										
Silver	2013-08	mg/L		~~< 0.000500~~	~~< 0.000500~~										
Silver	2013-10	mg/L		~~< 0.00500~~	~~< 0.00500~~		< 0.00500		< 0.00500	< 0.00500	< 0.00500	< 0.00500	~~< 0.00500~~		
Silver	2013-12	mg/L		~~< 0.00500~~	~~< 0.00500~~										
Silver	2014-03	mg/L		< 0.00500	< 0.00500		< 0.00500		< 0.00500	< 0.00500	< 0.00500	< 0.00500	~~< 0.00500~~		
Silver	2014-09	mg/L		< 0.00100	< 0.00100		< 0.00100		< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100		
Silver	2015-05	mg/L		**0.00006 J**	**0.000057 J**		< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	**0.00006 J**		
Silver	2015-10	mg/L	< 0.001	< 0.001	< 0.001	**0.000113 J**	< 0.001		< 0.001	< 0.001	< 0.001	**0.000121 J**	< 0.001		
Silver	2016-01	mg/L									< 0.001 J	< 0.001			
Silver	2016-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2016-07	mg/L													
Silver	2016-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2016-12	mg/L													
Silver	2017-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2017-08	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2018-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2018-06	mg/L									< 0.001				
Silver	2018-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2018-11	mg/L							< 0.001						
Silver	2019-04	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.0005	< 0.0005	< 0.0005	~~< 0.0005~~		
Silver	2019-07	mg/L										< 0.0005			
Silver	2019-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2020-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2020-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2021-05	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2021-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2022-04	mg/L	~~**0.00369 J**~~	< 0.001	< 0.001	**0.00095 J**	< 0.001					< 0.001	< 0.001		
Silver	2022-10	mg/L	**0.00086 J**	**0.00149**	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2023-02	mg/L													
Silver	2023-05	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001		< 0.001	< 0.001		
Silver	2023-08	mg/L								< 0.001					
Silver	2023-11	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Silver	2024-02	mg/L								< 0.001					
Silver	2024-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001		
Silver	2024-05	mg/L													
Silver	2024-09	mg/L		< 0.001	< 0.001	< 0.001							< 0.001		
Silver	2024-10	mg/L	< 0.001				< 0.001		< 0.001	< 0.001	< 0.001	< 0.001			
Silver	2025-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001		
Silver	2025-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Styrene	2007-10	ug/L													
Styrene	2008-01	ug/L													

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Styrene	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Styrene	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Styrene	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Styrene	2009-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Styrene	2009-07	ug/L							< 1.00			< 1.00			
Styrene	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Styrene	2009-12	ug/L							< 2.00			< 2.00			
Styrene	2010-02	ug/L										< 2.00			
Styrene	2010-04	ug/L			< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	
Styrene	2010-06	ug/L										< 1.00			< 1.00
Styrene	2010-08	ug/L													< 4.00
Styrene	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2010-12	ug/L													< 1.00
Styrene	2011-02	ug/L													< 1.00
Styrene	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2011-06	ug/L											< 1.00		< 1.00
Styrene	2011-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.100 J**	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2011-12	ug/L	< 1.00												< 1.00
Styrene	2012-02	ug/L	< 1.00												
Styrene	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2012-06	ug/L	< 1.00												
Styrene	2012-08	ug/L	< 1.00												
Styrene	2012-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2013-01	ug/L													
Styrene	2013-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2013-06	ug/L													
Styrene	2013-08	ug/L													
Styrene	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2013-12	ug/L													
Styrene	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2016-01	ug/L													
Styrene	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2016-07	ug/L		< 1											
Styrene	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2016-12	ug/L		< 1											
Styrene	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2017-11	ug/L													
Styrene	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2018-06	ug/L													
Styrene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2018-11	ug/L													
Styrene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Styrene	2019-05	ug/L		< 1											
Styrene	2019-07	ug/L													
Styrene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Styrene	2008-04	ug/L													
Styrene	2008-07	ug/L													
Styrene	2008-10	ug/L													
Styrene	2009-04	ug/L													
Styrene	2009-07	ug/L													
Styrene	2009-10	ug/L													
Styrene	2009-12	ug/L													
Styrene	2010-02	ug/L													
Styrene	2010-04	ug/L													
Styrene	2010-06	ug/L													
Styrene	2010-08	ug/L													
Styrene	2010-10	ug/L													
Styrene	2010-12	ug/L													
Styrene	2011-02	ug/L													
Styrene	2011-04	ug/L													
Styrene	2011-06	ug/L													
Styrene	2011-10	ug/L													
Styrene	2011-12	ug/L													
Styrene	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2012-08	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2012-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2013-01	ug/L		< 1.00	< 1.00										
Styrene	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2013-06	ug/L		< 1.00	< 1.00										
Styrene	2013-08	ug/L		< 1.00	< 1.00										
Styrene	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2013-12	ug/L		< 1.00	< 1.00										
Styrene	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Styrene	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
Styrene	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2016-01	ug/L									< 1	< 1		< 1	< 1
Styrene	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2016-07	ug/L												< 1	< 1
Styrene	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2016-12	ug/L													
Styrene	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2017-11	ug/L						< 1							
Styrene	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2018-06	ug/L						< 1			< 1				
Styrene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2018-11	ug/L							< 1						
Styrene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
Styrene	2019-05	ug/L													
Styrene	2019-07	ug/L										< 1			
Styrene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Styrene	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
Styrene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
Styrene	2023-08	ug/L								< 1					
Styrene	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2024-02	ug/L								< 1					
Styrene	2024-04	ug/L		< 1									< 1		< 1
Styrene	2024-05	ug/L				< 1						< 1			
Styrene	2024-09	ug/L													
Styrene	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Styrene	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sulfide	2009-04	mg/L			< 5.00	< 5.00	< 5.00	< 5.00			< 5.00				
Sulfide	2009-07	mg/L							< 1.0						
Sulfide	2010-04	mg/L			< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0				
Sulfide	2011-06	mg/L											< 1		
Sulfide	2012-04	mg/L											< 5.00		
Sulfide	2012-06	mg/L													
Sulfide	2012-08	mg/L													
Sulfide	2012-10	mg/L													
Sulfide	2013-01	mg/L													
Sulfide	2013-04	mg/L													
Sulfide	2013-10	mg/L													
Sulfide	2014-03	mg/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		< 1.00 J				
Sulfide	2015-10	mg/L													
Sulfide	2016-01	mg/L													
Sulfide	2016-04	mg/L													< 1
Sulfide	2017-03	mg/L											< 1		
Sulfide	2018-03	mg/L			**1.18 J**	**5.65**			**1.41**					**1.04**	
Sulfide	2018-06	mg/L			< 1	< 1			< 1					< 1	< 1
Sulfide	2018-09	mg/L			< 1	**0.32 J**			< 1					< 1	< 1
Sulfide	2018-11	mg/L				< 1									
Sulfide	2019-04	mg/L			< 1	< 1			< 1						~~< 1~~
Sulfide	2019-07	mg/L													
Sulfide	2019-10	mg/L				**0.64 J**			< 1						< 1
Sulfide	2020-04	mg/L				**2.08**			< 1						< 1
Sulfide	2020-10	mg/L				< 10			< 10						< 10
Sulfide	2021-05	mg/L							**16**						< 10
Sulfide	2021-10	mg/L				< 1			< 1						< 1
Sulfide	2022-04	mg/L											< 1		< 1
Sulfide	2022-08	mg/L				**0.239 J**									
Sulfide	2022-10	mg/L				< 1			< 1						< 1
Sulfide	2023-05	mg/L				< 1				< 1					< 1
Sulfide	2023-08	mg/L								< 1					
Sulfide	2023-11	mg/L				< 1			< 1	< 1					< 1
Sulfide	2024-02	mg/L								< 1					
Sulfide	2024-04	mg/L													< 1
Sulfide	2024-05	mg/L				< 1									
Sulfide	2024-09	mg/L													
Sulfide	2024-10	mg/L			< 1	< 1			< 1						< 1
Sulfide	2025-04	mg/L				< 3									< 3
Sulfide	2025-10	mg/L				< 1			< 1						< 1
Technical Chlordane	2009-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Styrene	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Styrene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
Styrene	2023-08	ug/L								< 1					
Styrene	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2024-02	ug/L								< 1					
Styrene	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Styrene	2024-05	ug/L													
Styrene	2024-09	ug/L		< 1	< 1	< 1							< 1		
Styrene	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
Styrene	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Styrene	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sulfide	2009-04	mg/L													
Sulfide	2009-07	mg/L													
Sulfide	2010-04	mg/L													
Sulfide	2011-06	mg/L													
Sulfide	2012-04	mg/L													
Sulfide	2012-06	mg/L					**0.38 J**		< 1						
Sulfide	2012-08	mg/L					< 1								
Sulfide	2012-10	mg/L					< 1								
Sulfide	2013-01	mg/L					< 1.00								
Sulfide	2013-04	mg/L					< 1.00								
Sulfide	2013-10	mg/L					< 1.00		< 1.00						
Sulfide	2014-03	mg/L													
Sulfide	2015-10	mg/L									< 1				
Sulfide	2016-01	mg/L									< 1	< 1			
Sulfide	2016-04	mg/L		< 1							< 1	< 1	< 1		
Sulfide	2017-03	mg/L	< 1			< 1									
Sulfide	2018-03	mg/L		< 1			< 1				**6.7**		< 1	< 1	**2.39**
Sulfide	2018-06	mg/L	< 1	< 1	< 1	< 1					**9.39**		< 1		< 1
Sulfide	2018-09	mg/L	< 1	< 1	< 1	< 1	< 1		< 1		< 1		< 1	< 1	< 1
Sulfide	2018-11	mg/L							**0.464 J**		< 1				
Sulfide	2019-04	mg/L	< 1	< 1	< 1	< 1					< 1	< 1	~~< 1~~		
Sulfide	2019-07	mg/L										< 1			
Sulfide	2019-10	mg/L	< 1	< 1	< 1	< 1					< 1		< 1		
Sulfide	2020-04	mg/L	**2.29**	< 1	< 1	**0.468 J**					< 1		< 1		
Sulfide	2020-10	mg/L	< 10	< 10	< 10	< 10					< 10		< 10		
Sulfide	2021-05	mg/L	**10.4**	**17.3**	< 10	< 10					< 10.0		**22.3**		
Sulfide	2021-10	mg/L	< 1	< 1	< 1	< 1					< 1		< 1		
Sulfide	2022-04	mg/L	< 1	< 1	< 1	< 1							< 1		
Sulfide	2022-08	mg/L													
Sulfide	2022-10	mg/L	**0.76 J**	**0.8 J**	< 1	**0.398 J**					< 1		< 1		
Sulfide	2023-05	mg/L	< 1	< 1	< 1	< 1				< 1			< 1		
Sulfide	2023-08	mg/L								< 1					
Sulfide	2023-11	mg/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1		< 1		
Sulfide	2024-02	mg/L								< 1					
Sulfide	2024-04	mg/L	< 1	< 1	< 1	< 1	< 1						< 1		
Sulfide	2024-05	mg/L													
Sulfide	2024-09	mg/L		< 1	< 1	< 1							< 1		
Sulfide	2024-10	mg/L	< 1								< 1				
Sulfide	2025-04	mg/L	< 3	< 3	< 3	< 3							< 3		
Sulfide	2025-10	mg/L	< 1	< 1	< 1	< 1					< 1		< 1		
Technical Chlordane	2009-04	ug/L													

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Technical Chlordane	2009-07	ug/L							< 2.00						
Technical Chlordane	2010-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		< 2.00				
Technical Chlordane	2011-06	ug/L											< 2.00		
Technical Chlordane	2012-04	ug/L											< 2.00		
Technical Chlordane	2012-06	ug/L													
Technical Chlordane	2013-10	ug/L													
Technical Chlordane	2014-03	ug/L			< 2.20	< 2.11	< 2.25	< 2.27	< 2.13		< 2.11				
Technical Chlordane	2015-10	ug/L													
Technical Chlordane	2016-01	ug/L													
Technical Chlordane	2016-04	ug/L													< 2.04
Technical Chlordane	2017-03	ug/L											< 10		
Technical Chlordane	2018-03	ug/L													
Technical Chlordane	2018-06	ug/L													
Technical Chlordane	2018-09	ug/L													
Technical Chlordane	2018-11	ug/L													
Technical Chlordane	2019-04	ug/L			< 2.2	< 2.17			< 2.15						
Technical Chlordane	2019-07	ug/L													
Technical Chlordane	2021-05	ug/L													< 2.47
Technical Chlordane	2022-04	ug/L											< 2.17		
Technical Chlordane	2023-05	ug/L								< 2.13					
Technical Chlordane	2023-08	ug/L								< 2.33					
Technical Chlordane	2023-11	ug/L								< 2.08					
Technical Chlordane	2024-02	ug/L								< 1.85					
Technical Chlordane	2024-04	ug/L													< 2
Technical Chlordane	2024-05	ug/L				< 2									
Technical Chlordane	2024-10	ug/L			< 1.84				< 1.84						
Tetrachloroethene	2007-10	ug/L			~~10.4~~	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Tetrachloroethene	2008-01	ug/L			~~16.8~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Tetrachloroethene	2008-04	ug/L			~~17.2~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Tetrachloroethene	2008-07	ug/L			~~5.11~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Tetrachloroethene	2008-10	ug/L			~~16.3~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Tetrachloroethene	2009-04	ug/L			~~6.04~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.720 J**	< 1.00	< 1.00	< 1.00	
Tetrachloroethene	2009-07	ug/L							< 1.00			< 1.00			
Tetrachloroethene	2009-10	ug/L			~~14.6~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Tetrachloroethene	2009-12	ug/L							< 1.00			< 1.00			
Tetrachloroethene	2010-02	ug/L										< 2.00			
Tetrachloroethene	2010-04	ug/L			~~10.3~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Tetrachloroethene	2010-06	ug/L										< 1.00			< 1.00
Tetrachloroethene	2010-08	ug/L													< 1.00
Tetrachloroethene	2010-10	ug/L			~~14.1~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2010-12	ug/L													< 1.00
Tetrachloroethene	2011-02	ug/L													< 1.00
Tetrachloroethene	2011-04	ug/L			~~12.7~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2011-06	ug/L											< 1.00		< 1.00
Tetrachloroethene	2011-10	ug/L			~~15.4~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.420 J**	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2011-12	ug/L	< 1.00												< 1.00
Tetrachloroethene	2012-02	ug/L	< 1.00												
Tetrachloroethene	2012-04	ug/L	< 1.00		~~14.7~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.220 J**	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2012-06	ug/L	< 1.00												
Tetrachloroethene	2012-08	ug/L	< 1.00												
Tetrachloroethene	2012-10	ug/L	< 1.00		~~17.6~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.200 J**	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2013-01	ug/L													
Tetrachloroethene	2013-04	ug/L	< 1.00		~~3.92~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.199 J**	< 1.00	< 1.00	< 1.00	< 1.00

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Technical Chlordane	2009-07	ug/L													
Technical Chlordane	2010-04	ug/L													
Technical Chlordane	2011-06	ug/L													
Technical Chlordane	2012-04	ug/L													
Technical Chlordane	2012-06	ug/L					< 2.00		< 2.00						
Technical Chlordane	2013-10	ug/L					< 2.04		< 2.04						
Technical Chlordane	2014-03	ug/L													
Technical Chlordane	2015-10	ug/L									< 10.1				
Technical Chlordane	2016-01	ug/L									< 2	< 2			
Technical Chlordane	2016-04	ug/L		< 2	< 2						< 2	< 2	< 2.02		
Technical Chlordane	2017-03	ug/L	< 2.02			< 2.11									
Technical Chlordane	2018-03	ug/L									< 2				
Technical Chlordane	2018-06	ug/L									< 2.27				
Technical Chlordane	2018-09	ug/L					< 2.17		< 2.15						
Technical Chlordane	2018-11	ug/L							< 2.08						
Technical Chlordane	2019-04	ug/L										< 2.2			
Technical Chlordane	2019-07	ug/L										< 2.22			
Technical Chlordane	2021-05	ug/L	< 2.11	< 2.15	< 2.13	< 2.27							< 2.38		
Technical Chlordane	2022-04	ug/L													
Technical Chlordane	2023-05	ug/L								< 2.22					
Technical Chlordane	2023-08	ug/L								< 2.17					
Technical Chlordane	2023-11	ug/L							< 2.08	< 2.13	< 2.13				
Technical Chlordane	2024-02	ug/L								< 2					
Technical Chlordane	2024-04	ug/L	< 2.08	< 2	< 2.13	< 2	< 2.04						< 2		
Technical Chlordane	2024-05	ug/L													
Technical Chlordane	2024-10	ug/L													
Tetrachloroethene	2007-10	ug/L													
Tetrachloroethene	2008-01	ug/L													
Tetrachloroethene	2008-04	ug/L													
Tetrachloroethene	2008-07	ug/L													
Tetrachloroethene	2008-10	ug/L													
Tetrachloroethene	2009-04	ug/L													
Tetrachloroethene	2009-07	ug/L													
Tetrachloroethene	2009-10	ug/L													
Tetrachloroethene	2009-12	ug/L													
Tetrachloroethene	2010-02	ug/L													
Tetrachloroethene	2010-04	ug/L													
Tetrachloroethene	2010-06	ug/L													
Tetrachloroethene	2010-08	ug/L													
Tetrachloroethene	2010-10	ug/L													
Tetrachloroethene	2010-12	ug/L													
Tetrachloroethene	2011-02	ug/L													
Tetrachloroethene	2011-04	ug/L													
Tetrachloroethene	2011-06	ug/L													
Tetrachloroethene	2011-10	ug/L													
Tetrachloroethene	2011-12	ug/L													
Tetrachloroethene	2012-02	ug/L					**8.93**		< 1.00	**0.390 J**	**0.490 J**	< 1.00	< 1.00		
Tetrachloroethene	2012-04	ug/L					**14.4**		< 1.00	**0.270 J**	**0.350 J**	< 1.00	< 1.00		
Tetrachloroethene	2012-06	ug/L					**8.89**		< 1.00	< 1.00	**0.380 J**	< 1.00	< 1.00		
Tetrachloroethene	2012-08	ug/L					**7.87**		< 1.00	< 1.00	**0.180 J**	< 1.00	< 1.00		
Tetrachloroethene	2012-10	ug/L		< 1.00	< 1.00		**5.83**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Tetrachloroethene	2013-01	ug/L		< 1.00	< 1.00										
Tetrachloroethene	2013-04	ug/L		< 1.00	< 1.00		**9.89**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Tetrachloroethene	2013-06	ug/L													
Tetrachloroethene	2013-08	ug/L													
Tetrachloroethene	2013-10	ug/L	< 1.00		~~2.55~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.238 J**	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2013-12	ug/L													
Tetrachloroethene	2014-03	ug/L	< 1.00		~~9.68~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2014-09	ug/L	< 1.00		~~3.13~~	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	2015-05	ug/L	< 1		~~2.91~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2015-10	ug/L	< 1		~~3~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2016-01	ug/L													
Tetrachloroethene	2016-04	ug/L	< 1	< 1	~~3.58~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2016-07	ug/L		< 1											
Tetrachloroethene	2016-09	ug/L		< 1	~~4.6~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2016-12	ug/L		< 1											
Tetrachloroethene	2017-03	ug/L		< 1	~~4.1~~	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2017-08	ug/L	< 1	< 1	**3.17**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2017-11	ug/L													
Tetrachloroethene	2018-03	ug/L	< 1	< 1	**6.68**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2018-06	ug/L													
Tetrachloroethene	2018-09	ug/L	< 1	< 1	**1.91**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2018-11	ug/L													
Tetrachloroethene	2019-04	ug/L	< 1	< 1	**2.71**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Tetrachloroethene	2019-05	ug/L		< 1											
Tetrachloroethene	2019-07	ug/L													
Tetrachloroethene	2019-10	ug/L	< 1	< 1	**2.94**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2020-04	ug/L		< 1	**1.5**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2020-10	ug/L	< 1	< 1	**2**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2021-05	ug/L	< 1	< 1	**1.88**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2021-10	ug/L		< 1	**2.85**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
Tetrachloroethene	2022-10	ug/L	< 1	< 1	**1.89**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
Tetrachloroethene	2023-08	ug/L								< 1					
Tetrachloroethene	2023-11	ug/L		< 1	**2.04**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2024-02	ug/L								< 1					
Tetrachloroethene	2024-04	ug/L		< 1									< 1		< 1
Tetrachloroethene	2024-05	ug/L				< 1						< 1			
Tetrachloroethene	2024-09	ug/L													
Tetrachloroethene	2024-10	ug/L	< 1	< 1	**1.55**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Tetrachloroethene	2025-10	ug/L		< 1	**0.759 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Thallium	2007-10	mg/L			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Thallium	2008-01	mg/L			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Thallium	2008-04	mg/L			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Thallium	2008-07	mg/L			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Thallium	2008-10	mg/L			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Thallium	2009-04	mg/L			< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	
Thallium	2009-07	mg/L							< 0.00200			< 0.00200			
Thallium	2009-10	mg/L			< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	
Thallium	2009-12	mg/L							< 0.00200			< 0.00200			
Thallium	2010-02	mg/L										< 0.00200			
Thallium	2010-04	mg/L			< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	
Thallium	2010-06	mg/L										< 0.00200			< 0.00200
Thallium	2010-08	mg/L													< 0.00200

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Tetrachloroethene	2013-06	ug/L		< 1.00	< 1.00										
Tetrachloroethene	2013-08	ug/L		< 1.00	< 1.00										
Tetrachloroethene	2013-10	ug/L		< 1.00	< 1.00		**2.45**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Tetrachloroethene	2013-12	ug/L		< 1.00	< 1.00										
Tetrachloroethene	2014-03	ug/L		< 1.00	< 1.00		**6.38**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Tetrachloroethene	2014-09	ug/L		< 1.00	< 1.00		**5.25**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Tetrachloroethene	2015-05	ug/L		< 1	< 1		**6.88**		< 1	< 1	< 1	< 1	< 1		
Tetrachloroethene	2015-10	ug/L		< 1	< 1		**3.99**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2016-01	ug/L									< 1	< 1		< 1	< 1
Tetrachloroethene	2016-04	ug/L		< 1	< 1		**5.55**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2016-07	ug/L												< 1	< 1
Tetrachloroethene	2016-09	ug/L	< 1	< 1	< 1	< 1	**6.09**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2016-12	ug/L													
Tetrachloroethene	2017-03	ug/L	< 1	< 1	< 1	< 1	**6.39**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2017-08	ug/L	< 1	< 1	< 1	< 1	**3.93**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2017-11	ug/L						< 1							
Tetrachloroethene	2018-03	ug/L	< 1	< 1	< 1	< 1	**6.06**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2018-06	ug/L						< 1			< 1				
Tetrachloroethene	2018-09	ug/L	< 1	< 1	< 1	< 1	**4.01**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2018-11	ug/L							< 1						
Tetrachloroethene	2019-04	ug/L	< 1	< 1	< 1	< 1	**5.43**	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
Tetrachloroethene	2019-05	ug/L													
Tetrachloroethene	2019-07	ug/L										< 1			
Tetrachloroethene	2019-10	ug/L	< 1	< 1	< 1	< 1	**3.01**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2020-04	ug/L	< 1	< 1	< 1	< 1	**4.08**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2020-10	ug/L	< 1	< 1	< 1	< 1	**2.43**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2021-05	ug/L	< 1	< 1	< 1	< 1	**3.16**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2021-10	ug/L	< 1	< 1	< 1	< 1	**1.73**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2022-04	ug/L	< 1	< 1	< 1	< 1	**2.22**					< 1	< 1		
Tetrachloroethene	2022-10	ug/L	< 1	< 1	< 1	< 1	**1.37**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2023-05	ug/L	< 1	< 1	< 1	< 1	**2.34**			< 1		< 1	< 1		
Tetrachloroethene	2023-08	ug/L								< 1					
Tetrachloroethene	2023-11	ug/L	< 1	< 1	< 1	< 1	**0.971 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2024-02	ug/L								< 1					
Tetrachloroethene	2024-04	ug/L	< 1	< 1	< 1	< 1	**1.53**					< 1	< 1		
Tetrachloroethene	2024-05	ug/L													
Tetrachloroethene	2024-09	ug/L		< 1	< 1	< 1							< 1		
Tetrachloroethene	2024-10	ug/L	< 1				**0.783 J**	< 1	< 1	< 1	< 1	< 1		< 1	< 1
Tetrachloroethene	2025-04	ug/L	< 1	< 1	< 1	< 1	**1.48**					< 1	< 1		
Tetrachloroethene	2025-10	ug/L	< 1	< 1	< 1	< 1	**1.03**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Thallium	2007-10	mg/L													
Thallium	2008-01	mg/L													
Thallium	2008-04	mg/L													
Thallium	2008-07	mg/L													
Thallium	2008-10	mg/L													
Thallium	2009-04	mg/L													
Thallium	2009-07	mg/L													
Thallium	2009-10	mg/L													
Thallium	2009-12	mg/L													
Thallium	2010-02	mg/L													
Thallium	2010-04	mg/L													
Thallium	2010-06	mg/L													
Thallium	2010-08	mg/L													

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Thallium	2010-10	mg/L			< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Thallium	2010-12	mg/L													< 0.00200
Thallium	2011-02	mg/L													< 0.00200
Thallium	2011-04	mg/L			< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Thallium	2011-06	mg/L											< 0.00200		< 0.00200
Thallium	2011-10	mg/L			< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Thallium	2011-12	mg/L	< 0.00200												< 0.00200
Thallium	2012-02	mg/L	< 0.000100												
Thallium	2012-04	mg/L	< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500
Thallium	2012-06	mg/L													
Thallium	2012-08	mg/L	< 0.000100												
Thallium	2012-10	mg/L	**0.0000200 J**		< 0.00100	< 0.00200	< 0.00100	< 0.00200	< 0.00100	< 0.000100	< 0.00100	< 0.00100	**0.0000100 J**	< 0.00100	**0.0000400 J**
Thallium	2013-01	mg/L													
Thallium	2013-04	mg/L	**0.0000342 J**		**0.0000448 J**	< 0.000100	**0.0000383 J**	**0.0000352 J**	< 0.000100	< 0.000100	< 0.000100	**0.000206**	< 0.000100	< 0.000100	**0.0000457 J**
Thallium	2013-06	mg/L													
Thallium	2013-08	mg/L													
Thallium	2013-10	mg/L	**0.0000770 J**		< 0.00100	< 0.00100	**0.0000892 J**	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.0000516 J**	< 0.00100	< 0.00100	**0.0000570 J**
Thallium	2013-12	mg/L													
Thallium	2014-03	mg/L	**0.000138 J**		**0.000103 J**	**0.0000790 J**	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.000214 J**
Thallium	2014-09	mg/L	< 0.00100		< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	**0.0000490 J**
Thallium	2015-05	mg/L	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Thallium	2015-10	mg/L	< 0.001		**0.000041 J**	**0.000034 J**	< 0.001	< 0.001	< 0.001	< 0.001	**0.000046 J**	< 0.001	< 0.001	< 0.001	**0.000046 J**
Thallium	2016-01	mg/L													
Thallium	2016-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001 J	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Thallium	2016-07	mg/L		< 0.001											
Thallium	2016-09	mg/L		< 0.001	< 0.001	< 0.001	**0.000027 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Thallium	2016-12	mg/L		**0.000026 J**											
Thallium	2017-03	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2017-08	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	**0.000145 J**	< 0.001		< 0.001
Thallium	2018-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2018-06	mg/L													
Thallium	2018-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2018-11	mg/L													
Thallium	2019-04	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		~~< 0.002~~
Thallium	2019-07	mg/L													
Thallium	2019-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2020-04	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2020-10	mg/L	< 0.001	< 0.001	**0.00192**	< 0.001	< 0.001	< 0.001	< 0.001	**0.000929 J**	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2021-05	mg/L	**0.000414 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Thallium	2021-10	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2022-04	mg/L		< 0.001		< 0.001						< 0.001	< 0.001		< 0.001
Thallium	2022-10	mg/L	**0.000787 J**	**0.000738 J**	**0.00028 J**	**0.000261 J**	**0.000273 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2023-05	mg/L	**0.00425**	**0.00593**		**0.000475 J**				< 0.001		< 0.001	< 0.001		< 0.001
Thallium	2023-08	mg/L		< 0.001						< 0.001					
Thallium	2023-11	mg/L		< 0.001 J	< 0.001	< 0.001	< 0.001 J	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2024-02	mg/L								< 0.001					
Thallium	2024-04	mg/L		< 0.001									< 0.001		< 0.001
Thallium	2024-05	mg/L				< 0.001						< 0.001			
Thallium	2024-09	mg/L													
Thallium	2024-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thallium	2025-04	mg/L	< 0.001	< 0.001		< 0.001						< 0.001	< 0.001		< 0.001
Thallium	2025-10	mg/L		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001
Thionazin	2009-04	ug/L			< 10.0	< 10.0	< 11.1	< 11.1			< 10.0				

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Thallium	2010-10	mg/L													
Thallium	2010-12	mg/L													
Thallium	2011-02	mg/L													
Thallium	2011-04	mg/L													
Thallium	2011-06	mg/L													
Thallium	2011-10	mg/L													
Thallium	2011-12	mg/L													
Thallium	2012-02	mg/L					< 0.000100		< 0.000100	< 0.000100	< 0.000100	**0.0000200 J**	< 0.000100		
Thallium	2012-04	mg/L					< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500		
Thallium	2012-06	mg/L					**0.0000100 J**		**0.0000600 J**	**0.0000200 J**	< 0.000100	< 0.000100	**0.0000100 J**		
Thallium	2012-08	mg/L					**0.0000200 J**		**0.0000200 J**	**0.0000300 J**	< 0.000100	**0.0000900 J**	**0.0000100 J**		
Thallium	2012-10	mg/L		< 0.00100	< 0.00200		< 0.00100		**0.0000400 J**	**0.0000400 J**	**0.0000100 J**	**0.0000100 J**	< 0.000100		
Thallium	2013-01	mg/L		< 0.00200	< 0.00200										
Thallium	2013-04	mg/L		< 0.000100	< 0.000100		< 0.000100		< 0.000100	**0.0000299 J**	< 0.000100	**0.0000293 J**	< 0.000100		
Thallium	2013-06	mg/L		< 0.000500	< 0.000500										
Thallium	2013-08	mg/L		< 0.000100	< 0.000100										
Thallium	2013-10	mg/L		**0.0000552 J**	**0.0000581 J**		< 0.00100		**0.000110 J**	< 0.00100	< 0.00100	< 0.00100	**0.0000638 J**		
Thallium	2013-12	mg/L		< 0.00100	**0.0000704 J**										
Thallium	2014-03	mg/L		< 0.00100	**0.0000745 J**		< 0.00100		< 0.00100	**0.000130 J**	< 0.00100	< 0.00100	< 0.00100		
Thallium	2014-09	mg/L		< 0.00100	< 0.00100		< 0.00100		< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100		
Thallium	2015-05	mg/L		< 0.001	< 0.001		< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2015-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	**0.000037 J**	< 0.001		
Thallium	2016-01	mg/L									< 0.001	< 0.001			
Thallium	2016-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2016-07	mg/L													
Thallium	2016-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2016-12	mg/L													
Thallium	2017-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2017-08	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		**0.00008 J**	< 0.001	< 0.001	**0.00008 J**	< 0.001		
Thallium	2018-03	mg/L	< 0.001	< 0.001	**0.000154 J**	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2018-06	mg/L									< 0.001				
Thallium	2018-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2018-11	mg/L							< 0.001						
Thallium	2019-04	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	~~< 0.002~~		
Thallium	2019-07	mg/L										< 0.002			
Thallium	2019-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2020-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2020-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2021-05	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	**0.000542 J**		< 0.001	< 0.001	< 0.001	< 0.001	**0.00516**		
Thallium	2021-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2022-04	mg/L	~~**0.00131 J**~~	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001		
Thallium	2022-10	mg/L	**0.000494 J**	**0.000544 J**	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2023-05	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001		< 0.001	< 0.001		
Thallium	2023-08	mg/L								< 0.001					
Thallium	2023-11	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thallium	2024-02	mg/L								< 0.001					
Thallium	2024-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001		
Thallium	2024-05	mg/L													
Thallium	2024-09	mg/L		< 0.001	< 0.001	< 0.001							< 0.001		
Thallium	2024-10	mg/L	< 0.001				< 0.001		< 0.001	< 0.001	< 0.001	< 0.001			
Thallium	2025-04	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001		
Thallium	2025-10	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Thionazin	2009-04	ug/L													

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Thionazin	2009-07	ug/L							< 10.0						
Thionazin	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0				
Thionazin	2011-06	ug/L											< 10.0		
Thionazin	2012-04	ug/L											< 10.0		
Thionazin	2012-06	ug/L													
Thionazin	2013-10	ug/L													
Thionazin	2014-03	ug/L			< 10.5	< 10.8	< 11.5	< 11.5	< 10.6		< 11.4				
Thionazin	2015-10	ug/L													
Thionazin	2016-01	ug/L													
Thionazin	2016-04	ug/L													< 10.3
Thionazin	2017-03	ug/L											< 10.1		
Thionazin	2018-03	ug/L													
Thionazin	2018-06	ug/L													
Thionazin	2018-09	ug/L													
Thionazin	2018-11	ug/L													
Thionazin	2019-04	ug/L			< 10.4	< 10.9			< 10.5						
Thionazin	2019-07	ug/L													
Thionazin	2021-05	ug/L													< 10.9
Thionazin	2022-04	ug/L											< 10		
Thionazin	2023-05	ug/L								< 10.4					
Thionazin	2023-08	ug/L								< 12.8					
Thionazin	2023-11	ug/L								< 10.2					
Thionazin	2024-02	ug/L								< 9.26					
Thionazin	2024-04	ug/L													< 10
Thionazin	2024-05	ug/L				< 10									
Thionazin	2024-10	ug/L			< 10.4				< 10.4						
Tin	2009-04	mg/L			< 0.100	< 0.100	< 0.100	< 0.100			< 0.100				
Tin	2009-07	mg/L							< 0.1						
Tin	2010-04	mg/L			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1				
Tin	2011-06	mg/L											< 0.1		
Tin	2012-04	mg/L											< 0.100		
Tin	2012-06	mg/L													
Tin	2013-10	mg/L													
Tin	2013-12	mg/L													
Tin	2014-03	mg/L			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1				
Tin	2014-06	mg/L													
Tin	2015-10	mg/L													
Tin	2016-01	mg/L													
Tin	2016-04	mg/L													< 0.005
Tin	2017-03	mg/L											< 0.005		
Tin	2018-03	mg/L													
Tin	2018-06	mg/L													
Tin	2018-09	mg/L													
Tin	2018-11	mg/L													
Tin	2019-04	mg/L			< 0.005	< 0.005			< 0.005						
Tin	2019-07	mg/L													
Tin	2021-05	mg/L													< 0.005
Tin	2022-04	mg/L											< 0.005		
Tin	2023-05	mg/L								< 0.005					
Tin	2023-08	mg/L								< 0.005					
Tin	2023-11	mg/L								< 0.005					
Tin	2024-02	mg/L								< 0.005					
Tin	2024-04	mg/L													< 0.005

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Thionazin	2009-07	ug/L													
Thionazin	2010-04	ug/L													
Thionazin	2011-06	ug/L													
Thionazin	2012-04	ug/L													
Thionazin	2012-06	ug/L					< 10.0		< 10.0						
Thionazin	2013-10	ug/L					< 10.3		< 10.3						
Thionazin	2014-03	ug/L													
Thionazin	2015-10	ug/L									< 10				
Thionazin	2016-01	ug/L									< 10.2	< 10			
Thionazin	2016-04	ug/L		< 10	< 10						< 10	< 10	< 10		
Thionazin	2017-03	ug/L	< 10.4			< 10.4									
Thionazin	2018-03	ug/L									< 10				
Thionazin	2018-06	ug/L									< 10.8				
Thionazin	2018-09	ug/L					< 10.9		< 54.3						
Thionazin	2018-11	ug/L							< 10.9						
Thionazin	2019-04	ug/L										< 11.1			
Thionazin	2019-07	ug/L										< 10.8			
Thionazin	2021-05	ug/L	< 10.9	< 11.1	< 10.6	< 10.9							< 11.6		
Thionazin	2022-04	ug/L													
Thionazin	2023-05	ug/L								< 11.4					
Thionazin	2023-08	ug/L								< 11.6					
Thionazin	2023-11	ug/L							< 10.4	< 10.4	< 10.2				
Thionazin	2024-02	ug/L								< 10					
Thionazin	2024-04	ug/L	< 10	< 10	< 10.4	< 10	< 10						< 10		
Thionazin	2024-05	ug/L													
Thionazin	2024-10	ug/L													
Tin	2009-04	mg/L													
Tin	2009-07	mg/L													
Tin	2010-04	mg/L													
Tin	2011-06	mg/L													
Tin	2012-04	mg/L													
Tin	2012-06	mg/L					< 0.100		< 0.100						
Tin	2013-10	mg/L					**0.00135 J**		< 0.0100						
Tin	2013-12	mg/L					< 0.1								
Tin	2014-03	mg/L					< 0.1								
Tin	2014-06	mg/L					< 0.1								
Tin	2015-10	mg/L	< 0.005			< 0.005					< 0.005				
Tin	2016-01	mg/L									< 0.005	< 0.005			
Tin	2016-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005	< 0.005		
Tin	2017-03	mg/L	< 0.005			< 0.005									
Tin	2018-03	mg/L									< 0.005				
Tin	2018-06	mg/L									< 0.005				
Tin	2018-09	mg/L					< 0.005		< 0.005						
Tin	2018-11	mg/L							< 0.005						
Tin	2019-04	mg/L										< 0.005			
Tin	2019-07	mg/L										< 0.005			
Tin	2021-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005							< 0.005		
Tin	2022-04	mg/L													
Tin	2023-05	mg/L								< 0.005					
Tin	2023-08	mg/L								< 0.005					
Tin	2023-11	mg/L							< 0.005	< 0.005	< 0.005				
Tin	2024-02	mg/L								< 0.005					
Tin	2024-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005						< 0.005		

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Tin	2024-05	mg/L				< 0.005									
Tin	2024-10	mg/L			< 0.005				< 0.005						
Toluene	2007-10	ug/L			< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	2008-01	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	2008-04	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	2008-10	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	2009-04	ug/L			< 1.00	**0.200 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Toluene	2009-07	ug/L							< 1.00			< 1.00			
Toluene	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Toluene	2009-12	ug/L							< 1.00			< 1.00			
Toluene	2010-02	ug/L										< 1.00			
Toluene	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Toluene	2010-06	ug/L										< 1.00			< 1.00
Toluene	2010-08	ug/L													< 1.00
Toluene	2010-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2010-12	ug/L													< 1.00
Toluene	2011-02	ug/L													< 1.00
Toluene	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2011-06	ug/L											< 1.00		< 1.00
Toluene	2011-10	ug/L			< 1.00	**0.210 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2011-12	ug/L	< 1.00												< 1.00
Toluene	2012-02	ug/L	< 1.00												
Toluene	2012-04	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2012-06	ug/L	< 1.00												
Toluene	2012-08	ug/L	< 1.00												
Toluene	2012-10	ug/L	< 1.00		< 1.00	**0.210 J**	< 1.00	**0.170 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2013-01	ug/L													
Toluene	2013-04	ug/L	< 1.00		**0.481 J**	< 1.00	**0.262 J**	**0.394 J**	< 1.00	**0.475 J**	< 1.00	< 1.00	**0.422 J**	< 1.00	< 1.00
Toluene	2013-06	ug/L													
Toluene	2013-08	ug/L													
Toluene	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2013-12	ug/L													
Toluene	2014-03	ug/L	**0.877 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.999 J**	< 1.00	< 1.00	< 1.00
Toluene	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2016-01	ug/L													
Toluene	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1 J	< 1
Toluene	2016-07	ug/L		< 1											
Toluene	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2016-12	ug/L		< 1											
Toluene	2017-03	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2017-08	ug/L	< 1	< 1	< 1	**0.168 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2017-11	ug/L													
Toluene	2018-03	ug/L	< 1	< 1	< 1	**0.263 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2018-06	ug/L													
Toluene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2018-11	ug/L													
Toluene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Toluene	2019-05	ug/L		< 1											
Toluene	2019-07	ug/L													
Toluene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Tin	2024-05	mg/L													
Tin	2024-10	mg/L													
Toluene	2007-10	ug/L													
Toluene	2008-01	ug/L													
Toluene	2008-04	ug/L													
Toluene	2008-07	ug/L													
Toluene	2008-10	ug/L													
Toluene	2009-04	ug/L													
Toluene	2009-07	ug/L													
Toluene	2009-10	ug/L													
Toluene	2009-12	ug/L													
Toluene	2010-02	ug/L													
Toluene	2010-04	ug/L													
Toluene	2010-06	ug/L													
Toluene	2010-08	ug/L													
Toluene	2010-10	ug/L													
Toluene	2010-12	ug/L													
Toluene	2011-02	ug/L													
Toluene	2011-04	ug/L													
Toluene	2011-06	ug/L													
Toluene	2011-10	ug/L													
Toluene	2011-12	ug/L													
Toluene	2012-02	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Toluene	2012-04	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Toluene	2012-06	ug/L					< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Toluene	2012-08	ug/L					**0.990 J**		< 1.00	< 1.00	**0.190 J**	< 1.00	< 1.00		
Toluene	2012-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Toluene	2013-01	ug/L		< 1.00	< 1.00										
Toluene	2013-04	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	**0.413 J**	**0.658 J**	< 1.00		
Toluene	2013-06	ug/L		< 1.00	< 1.00										
Toluene	2013-08	ug/L		< 1.00	< 1.00										
Toluene	2013-10	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Toluene	2013-12	ug/L		< 1.00	< 1.00										
Toluene	2014-03	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Toluene	2014-09	ug/L		< 1.00	< 1.00		< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Toluene	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
Toluene	2015-10	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2016-01	ug/L									< 1	< 1		< 1	< 1
Toluene	2016-04	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2016-07	ug/L												< 1	< 1
Toluene	2016-09	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2016-12	ug/L													
Toluene	2017-03	ug/L	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2017-11	ug/L						< 1							
Toluene	2018-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2018-06	ug/L						< 1			< 1				
Toluene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2018-11	ug/L							< 1						
Toluene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
Toluene	2019-05	ug/L													
Toluene	2019-07	ug/L										< 1			
Toluene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Toluene	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
Toluene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
Toluene	2023-08	ug/L								< 1					
Toluene	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2024-02	ug/L								< 1					
Toluene	2024-04	ug/L		< 1									< 1		< 1
Toluene	2024-05	ug/L				< 1						< 1			
Toluene	2024-09	ug/L													
Toluene	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Toluene	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Suspended Solids	2014-09	mg/L	**5.00**		< 1.65	**15.0**	< 1.52	**4.62**	**21.7**	**13.9**	**1.70**	**1.75 J**	**4.57**	< 5.00	**3.40**
Total Suspended Solids	2015-05	mg/L	**29.6**		< 1.88	**10.8**	< 1.88	**2.88**	**13.2**	**27**	**1.5 J**	**1.25 J**	**2.5**	**6.38**	**6.5**
Total Suspended Solids	2015-10	mg/L	**7.62**		< 1.88	**14.8**	< 1.88	**6**	**18.4**	**18.9**	**6.25**	< 1.88	< 1.88	**1.5 J**	**4**
Total Suspended Solids	2016-01	mg/L													
Total Suspended Solids	2016-04	mg/L	**8**	**3.63**	**1 J**	**25**	**0.75 J**	**2.63**	**11.9**	**14**	**2.63**	**2**	**2.25**	**2.13**	**13.5**
Total Suspended Solids	2016-07	mg/L		**1.63 J**											
Total Suspended Solids	2016-09	mg/L		**6.25**	**4**	**23**	**2.88**	**7.8**	**40.8**	**12.4**	**5.88**	**2**	**0.75 J**	< 1.88	**4.13**
Total Suspended Solids	2016-12	mg/L		**6.5**											
Total Suspended Solids	2017-03	mg/L		**4**	**1.5 J**	**24**	**1 J**	**3**	**23.4**	**15.1**	< 1.88	**0.75 J**	**3.63**	**3.63**	**7**
Total Suspended Solids	2017-08	mg/L	**17.3**	**7.38**	**0.875 J**	**32.9**	**7.38**	**5.5**	**15.4**	**12.6**	**7**	< 1.88	**1.13 J**	< 1.88	**12**
Total Suspended Solids	2017-11	mg/L													
Total Suspended Solids	2018-03	mg/L	**18**	**1.5 J**	**1.63 J**	**60**	< 1.88	**13.3**	**22.4**	**22.1**	**14.3**	**2.5**	**0.75 J**	**6.63**	**8.37**
Total Suspended Solids	2018-06	mg/L													
Total Suspended Solids	2018-09	mg/L	**13.6**	**21.5**	**0.75 J**	**15.8**	< 1.88	**6.33**	**16**	**18**	**4.88**	**1.25 J**	**7**	**3.13**	**12**
Total Suspended Solids	2018-11	mg/L		**15.3**											
Total Suspended Solids	2019-04	mg/L	**35.4**	**23.3**	**0.875 J**	**35**	**1.25 J**	**5.37**	**15.6**	**7.75**	**1 J**	**1.25 J**	**2**	**3.75**	~~**18.5**~~
Total Suspended Solids	2019-07	mg/L													
Total Suspended Solids	2019-10	mg/L	**31.5**	**296**	< 1.88	**42**	**1.75 J**	**45**	**18**	**17.5**	**2**	**1.13 J**	**3.63**	**6**	**11**
Total Suspended Solids	2020-02	mg/L		**43.5**				**6.12**		**7.62**					
Total Suspended Solids	2020-04	mg/L		**9.63**	< 1.88	**42.5**	**2.25**	**11.1**	**23.3**	**22**	**0.875 J**	**1 J**	**12.6**	**8.37**	**7.75**
Total Suspended Solids	2020-10	mg/L	**20.5**	**20**	**2.25**	**56**	**1.63 J**	**12.3**	**20.5**	**19**	**5.75**	**0.875 J**	**11.7**	**4.25**	**11.3**
Total Suspended Solids	2021-05	mg/L	**17.1**	**8**	**1 J**	**34.5**	**1.75 J**	**9.12**	**18.4**	**16.8**	**2.13**	< 1.88	**15.3**	**3.25**	**8.63**
Total Suspended Solids	2021-10	mg/L		**9.87**	**0.75 J**	**44.6**	< 1.88	**8.75**	**18.3**	**17.6**	< 1.88	**0.75 J**	**7.25**	**3.38**	**13.1**
Total Suspended Solids	2022-04	mg/L		**2.88**		**22**						**1.5 J**	**14.8**		**9.25**
Total Suspended Solids	2022-10	mg/L	**17.5**	**12.3**	**1.13 J**	**16.5**	**1.25 J**	**13.5**	**17.5**	**21**	< 1.88	**1.63 J**	**26.5**	< 1.88	**9.75**
Total Suspended Solids	2023-02	mg/L		**5.67**						**13.3**					
Total Suspended Solids	2023-05	mg/L	**14.8**	**7.67**		**23**				**28**		**1.38 J**	**37**		**8**
Total Suspended Solids	2023-08	mg/L		**23.8**						**19.1**					
Total Suspended Solids	2023-11	mg/L		**28.5**	**0.875 J**	**24.5**	**0.75 J**	**3**	**27**	**23**	**19**	< 1.88	**28.5**	**1.88**	**12.5**
Total Suspended Solids	2024-02	mg/L								**19**					
Total Suspended Solids	2024-04	mg/L		**5.5**									**51.3**		**7.38**
Total Suspended Solids	2024-05	mg/L				**34**						**1.75 J**			
Total Suspended Solids	2024-09	mg/L													
Total Suspended Solids	2024-10	mg/L	**16**	**69**	**2.38**	**21.5**	< 1.88	< 1.88	**19**	**17**	**2.13**	< 1.88	**18**	**3.25**	**6.25**
Total Suspended Solids	2025-04	mg/L	**22**	**4 J**		**29**						**1.38 J**	**53.3**		**7.2**
Total Suspended Solids	2025-10	mg/L		**9**	**2**	**26**	**2**	< 1.88	**18**	**26**	**3**	< 1.88	**36**	**2.38**	**11**
Toxaphene	2009-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				

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Toluene	2020-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2021-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2022-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Toluene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2023-05	ug/L	< 1	< 1	< 1	< 1	< 1			< 1		< 1	< 1		
Toluene	2023-08	ug/L								< 1					
Toluene	2023-11	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2024-02	ug/L								< 1					
Toluene	2024-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Toluene	2024-05	ug/L													
Toluene	2024-09	ug/L		< 1	< 1	< 1							< 1		
Toluene	2024-10	ug/L	< 1				< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1
Toluene	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
Toluene	2025-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Suspended Solids	2014-09	mg/L		**1.75 J**	**3.29**		**3.17**		**5.06**	**1.70**	**47.3**	< 1.68	< 2.00		
Total Suspended Solids	2015-05	mg/L		< 1.88	**2.63**		**2.5**		**5**	**14.5**	**24**	**5.67**	< 1.88		
Total Suspended Solids	2015-10	mg/L	**2.25**	< 1.88	**1.25 J**	**4.25**	**3.87**		**5.13**	**6.87**	**8.13 J**	**2.13**	< 1.88	**19.9**	< 1.88
Total Suspended Solids	2016-01	mg/L									**2**	< 1.88		**5.25**	< 1.88
Total Suspended Solids	2016-04	mg/L	**1.13 J**	< 1.88	**3.63**	**2**	**2.63**		**4.13**	**3**	**13.8**	**3.75**	**2.38**	**34.9**	**1.13 J**
Total Suspended Solids	2016-07	mg/L												**41.7**	< 1.88
Total Suspended Solids	2016-09	mg/L	**1 J**	< 1.88	**0.75 J**	**2.5**	**2.5**		**7.8**	**3.5**	**5.5 J**	**4.63**	< 1.88	**16.9**	**1.75 J**
Total Suspended Solids	2016-12	mg/L													
Total Suspended Solids	2017-03	mg/L	< 1.88	< 1.88	**4**	**0.625 J**	**3.38**		**9.87**	**7.25**	**13**	**4.62**	< 1.88	**20**	**1.38 J**
Total Suspended Solids	2017-08	mg/L	**11.4**	< 1.88	**6.5**	< 1.88	**3.25**		**13.1 J**	**8.63**	**13.6**	**2.75**	< 1.88	**22.8**	< 1.88
Total Suspended Solids	2017-11	mg/L							**13.1**						
Total Suspended Solids	2018-03	mg/L	< 1.88	**1 J**	**9.75**	**2.88**	**4.5**		**24.5**	**16.4**	**22.8**	**1 J**	**0.875 J**	**36.5**	**4**
Total Suspended Solids	2018-06	mg/L									**14.8**				
Total Suspended Solids	2018-09	mg/L	**2.13**	**2.5**	< 1.88	**2**	**2.75**		**23.3**	**12**	**14.7 J**	**12.3**	**3.38**	**32**	**3**
Total Suspended Solids	2018-11	mg/L							**13.1 J**						
Total Suspended Solids	2019-04	mg/L	**1.13 J**	**1.63 J**	**25.4**	**5.37**	**9.87**		**14.5**	**24.6**	**10**	**20.8**	~~**2.88**~~	**32.6**	**3.38**
Total Suspended Solids	2019-07	mg/L										**3.63**			
Total Suspended Solids	2019-10	mg/L	**4 J**	**1.75 J**	**4.75**	**1.88**	**5.87**		**19**	**8.33**	**16**	**6.5**	**4.5**	**5.37**	**3.63**
Total Suspended Solids	2020-02	mg/L													
Total Suspended Solids	2020-04	mg/L	**2**	**0.75 J**	**22.5 J**	**1.38 J**	**15**		**31.6**	**14 J**	**29.4**	**14**	**6.87**	**44.3**	**2.13**
Total Suspended Solids	2020-10	mg/L	**1.5 J**	**1.13 J**	**7.5**	**1 J**	**5.5**		**33**	**11.3**	**24**	**8.75**	**2.38**	**38**	**4.25**
Total Suspended Solids	2021-05	mg/L	**2.25**	< 1.88	**5.63**	< 1.88	**6.63**		**28.5**	**16.8**	**32.4**	**3.38**	**1.13 J**	**13.3**	**5.13**
Total Suspended Solids	2021-10	mg/L	**1 J**	< 1.88	**10**	**1.75 J**	**4.75**		**22.3**	**15.3**	**31**	**3.5**	**3**	**19.6**	**2.25**
Total Suspended Solids	2022-04	mg/L	**10.8**	**0.75 J**	**3.5**	**1.5 J**	**12.8**					**1 J**	**1.63 J**		
Total Suspended Solids	2022-10	mg/L	< 1.88	< 1.88	**21.7**	**2.88**	**7.25**		**36**	**38**	**37**	**3.13**	**2.25**	**22**	**2.88**
Total Suspended Solids	2023-02	mg/L								**26.3**					
Total Suspended Solids	2023-05	mg/L	**2.88**	< 1.88	**8.37**	**2.13**	**6.25**			**27**		**4.75**	**21**		
Total Suspended Solids	2023-08	mg/L								**25**					
Total Suspended Solids	2023-11	mg/L	**5.37**	< 1.88	**2.88**	**1.75 J**	**13.5**		**39**	**40**	**76**	**1.88**	**1.5 J**	**18**	**2.5**
Total Suspended Solids	2024-02	mg/L								**28**					
Total Suspended Solids	2024-04	mg/L	**4.88**	< 1.88	**8.25**	**1.75 J**	**9.38**					**2.63**	**28**		
Total Suspended Solids	2024-05	mg/L													
Total Suspended Solids	2024-09	mg/L		< 1.88	**2.63**	**4.75**							**24**		
Total Suspended Solids	2024-10	mg/L	**3.38**				**9.87**		**22.3**	**22.3**	**26**	**2.5**		**37.5**	**7.62**
Total Suspended Solids	2025-04	mg/L	**11.3**	< 1.88	**3.87**	**1.63 J**	**9.4**					**12**	**88**		
Total Suspended Solids	2025-10	mg/L	**38**	< 1.88	**6.5**	**1.88**	**7.62**		**22**	**25**	**74**	**16.5**	**38**	**45.5 J**	**1.63 J**
Toxaphene	2009-04	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Toxaphene	2009-07	ug/L							< 2.00						
Toxaphene	2010-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		< 2.00				
Toxaphene	2011-06	ug/L											< 2.00		
Toxaphene	2012-04	ug/L											**0.0943 J**		
Toxaphene	2012-06	ug/L													
Toxaphene	2012-08	ug/L											< 2.00		
Toxaphene	2012-10	ug/L											< 2.00		
Toxaphene	2013-01	ug/L											< 2.11		
Toxaphene	2013-10	ug/L													
Toxaphene	2014-03	ug/L			< 2.20	< 2.11	< 2.25	< 2.27	< 2.13		< 2.11				
Toxaphene	2015-10	ug/L													
Toxaphene	2016-01	ug/L													
Toxaphene	2016-04	ug/L													< 2.04
Toxaphene	2017-03	ug/L											< 10		
Toxaphene	2018-03	ug/L													
Toxaphene	2018-06	ug/L													
Toxaphene	2018-09	ug/L													
Toxaphene	2018-11	ug/L													
Toxaphene	2019-04	ug/L			< 2.2	< 2.17			< 2.15						
Toxaphene	2019-07	ug/L													
Toxaphene	2021-05	ug/L													< 2.47
Toxaphene	2022-04	ug/L											< 2.17		
Toxaphene	2023-05	ug/L								< 2.13					
Toxaphene	2023-08	ug/L								< 2.33					
Toxaphene	2023-11	ug/L								< 2.08					
Toxaphene	2024-02	ug/L								< 1.85					
Toxaphene	2024-04	ug/L													< 2
Toxaphene	2024-05	ug/L				< 2									
Toxaphene	2024-10	ug/L			< 1.84				< 1.84						
trans-1,2-Dichloroethene	2007-10	ug/L			**1.14**	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
trans-1,2-Dichloroethene	2008-01	ug/L			**1.87**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
trans-1,2-Dichloroethene	2008-04	ug/L			**1.92**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
trans-1,2-Dichloroethene	2008-07	ug/L			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
trans-1,2-Dichloroethene	2008-10	ug/L			**1.85**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
trans-1,2-Dichloroethene	2009-04	ug/L			**1.69**	**0.620 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
trans-1,2-Dichloroethene	2009-07	ug/L							< 1.00			< 1.00			
trans-1,2-Dichloroethene	2009-10	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
trans-1,2-Dichloroethene	2009-12	ug/L							< 1.00			< 1.00			
trans-1,2-Dichloroethene	2010-02	ug/L										< 1.00			
trans-1,2-Dichloroethene	2010-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
trans-1,2-Dichloroethene	2010-06	ug/L										< 1.00			< 1.00
trans-1,2-Dichloroethene	2010-08	ug/L													< 1.00
trans-1,2-Dichloroethene	2010-10	ug/L			**1.19**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2010-12	ug/L													< 1.00
trans-1,2-Dichloroethene	2011-02	ug/L													< 1.00
trans-1,2-Dichloroethene	2011-04	ug/L			< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2011-06	ug/L											< 1.00		< 1.00
trans-1,2-Dichloroethene	2011-10	ug/L			**0.630 J**	**0.350 J**	< 1.00	< 1.00	< 1.00	< 1.00	**0.240 J**	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2011-12	ug/L	< 1.00												< 1.00
trans-1,2-Dichloroethene	2012-02	ug/L	< 1.00												
trans-1,2-Dichloroethene	2012-04	ug/L	< 1.00		**0.610 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.350 J**	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2012-06	ug/L	< 1.00												
trans-1,2-Dichloroethene	2012-08	ug/L	< 1.00												

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Toxaphene	2009-07	ug/L													
Toxaphene	2010-04	ug/L													
Toxaphene	2011-06	ug/L													
Toxaphene	2012-04	ug/L													
Toxaphene	2012-06	ug/L					< 2.00		< 2.00						
Toxaphene	2012-08	ug/L													
Toxaphene	2012-10	ug/L													
Toxaphene	2013-01	ug/L													
Toxaphene	2013-10	ug/L					< 2.04		< 2.04						
Toxaphene	2014-03	ug/L													
Toxaphene	2015-10	ug/L									< 10.1				
Toxaphene	2016-01	ug/L									< 2	< 2			
Toxaphene	2016-04	ug/L		< 2	< 2						< 2	< 2	< 2.02		
Toxaphene	2017-03	ug/L	< 2.02			< 2.11									
Toxaphene	2018-03	ug/L									< 2				
Toxaphene	2018-06	ug/L									< 2.27				
Toxaphene	2018-09	ug/L					< 2.17		< 2.15						
Toxaphene	2018-11	ug/L							< 2.08						
Toxaphene	2019-04	ug/L										< 2.2			
Toxaphene	2019-07	ug/L										< 2.22			
Toxaphene	2021-05	ug/L	< 2.11	< 2.15	< 2.13	< 2.27							< 2.38		
Toxaphene	2022-04	ug/L													
Toxaphene	2023-05	ug/L								< 2.22					
Toxaphene	2023-08	ug/L								< 2.17					
Toxaphene	2023-11	ug/L							< 2.08	< 2.13	< 2.13				
Toxaphene	2024-02	ug/L								< 2					
Toxaphene	2024-04	ug/L	< 2.08	< 2	< 2.13	< 2	< 2.04						< 2		
Toxaphene	2024-05	ug/L													
Toxaphene	2024-10	ug/L													
trans-1,2-Dichloroethene	2007-10	ug/L													
trans-1,2-Dichloroethene	2008-01	ug/L													
trans-1,2-Dichloroethene	2008-04	ug/L													
trans-1,2-Dichloroethene	2008-07	ug/L													
trans-1,2-Dichloroethene	2008-10	ug/L													
trans-1,2-Dichloroethene	2009-04	ug/L													
trans-1,2-Dichloroethene	2009-07	ug/L													
trans-1,2-Dichloroethene	2009-10	ug/L													
trans-1,2-Dichloroethene	2009-12	ug/L													
trans-1,2-Dichloroethene	2010-02	ug/L													
trans-1,2-Dichloroethene	2010-04	ug/L													
trans-1,2-Dichloroethene	2010-06	ug/L													
trans-1,2-Dichloroethene	2010-08	ug/L													
trans-1,2-Dichloroethene	2010-10	ug/L													
trans-1,2-Dichloroethene	2010-12	ug/L													
trans-1,2-Dichloroethene	2011-02	ug/L													
trans-1,2-Dichloroethene	2011-04	ug/L													
trans-1,2-Dichloroethene	2011-06	ug/L													
trans-1,2-Dichloroethene	2011-10	ug/L													
trans-1,2-Dichloroethene	2011-12	ug/L													
trans-1,2-Dichloroethene	2012-02	ug/L					**0.370 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
trans-1,2-Dichloroethene	2012-04	ug/L					**1.44**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
trans-1,2-Dichloroethene	2012-06	ug/L					**1.09**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
trans-1,2-Dichloroethene	2012-08	ug/L					**0.990 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		

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trans-1,2-Dichloroethene	2012-10	ug/L	< 1.00		**0.380 J**	**0.330 J**	< 1.00	< 1.00	< 1.00	< 1.00	**0.270 J**	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2013-01	ug/L													
trans-1,2-Dichloroethene	2013-04	ug/L	< 1.00		**1.62**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.567 J**	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2013-06	ug/L													
trans-1,2-Dichloroethene	2013-08	ug/L													
trans-1,2-Dichloroethene	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2013-12	ug/L													
trans-1,2-Dichloroethene	2014-03	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2016-01	ug/L													
trans-1,2-Dichloroethene	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.256 J**	< 1	< 1
trans-1,2-Dichloroethene	2016-07	ug/L		< 1											
trans-1,2-Dichloroethene	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2016-12	ug/L		< 1											
trans-1,2-Dichloroethene	2017-03	ug/L		< 1	**0.244 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2017-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2017-11	ug/L													
trans-1,2-Dichloroethene	2018-03	ug/L	< 1	< 1	**0.346 J**	**0.376 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2018-06	ug/L													
trans-1,2-Dichloroethene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2018-11	ug/L													
trans-1,2-Dichloroethene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
trans-1,2-Dichloroethene	2019-05	ug/L		< 1											
trans-1,2-Dichloroethene	2019-07	ug/L													
trans-1,2-Dichloroethene	2019-10	ug/L	< 1	< 1	< 1	**0.286 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
trans-1,2-Dichloroethene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
trans-1,2-Dichloroethene	2023-08	ug/L								< 1					
trans-1,2-Dichloroethene	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2024-02	ug/L								< 1					
trans-1,2-Dichloroethene	2024-04	ug/L		< 1									< 1		< 1
trans-1,2-Dichloroethene	2024-05	ug/L				< 1						< 1			
trans-1,2-Dichloroethene	2024-09	ug/L													
trans-1,2-Dichloroethene	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
trans-1,2-Dichloroethene	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	2007-10	ug/L			< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	
trans-1,3-Dichloropropene	2008-01	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
trans-1,3-Dichloropropene	2008-04	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
trans-1,3-Dichloropropene	2008-07	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
trans-1,3-Dichloropropene	2008-10	ug/L			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
trans-1,3-Dichloropropene	2009-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
trans-1,3-Dichloropropene	2009-07	ug/L							< 5.00			< 5.00			
trans-1,3-Dichloropropene	2009-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
trans-1,3-Dichloropropene	2009-12	ug/L							< 5.00			< 5.00			
trans-1,3-Dichloropropene	2010-02	ug/L										< 5.00			

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trans-1,2-Dichloroethene	2012-10	ug/L		< 1.00	< 1.00		**0.930 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
trans-1,2-Dichloroethene	2013-01	ug/L		< 1.00	< 1.00										
trans-1,2-Dichloroethene	2013-04	ug/L		< 1.00	< 1.00		**0.970 J**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
trans-1,2-Dichloroethene	2013-06	ug/L		< 1.00	< 1.00										
trans-1,2-Dichloroethene	2013-08	ug/L		< 1.00	< 1.00										
trans-1,2-Dichloroethene	2013-10	ug/L		< 1.00	< 1.00		**1.14**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
trans-1,2-Dichloroethene	2013-12	ug/L		< 1.00	< 1.00										
trans-1,2-Dichloroethene	2014-03	ug/L		< 1.00	< 1.00		**1.01**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
trans-1,2-Dichloroethene	2014-09	ug/L		< 1.00	< 1.00		**1.03**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
trans-1,2-Dichloroethene	2015-05	ug/L		< 1	< 1		< 1		< 1	< 1	< 1	< 1	< 1		
trans-1,2-Dichloroethene	2015-10	ug/L		< 1	< 1		**0.911 J**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2016-01	ug/L									< 1	< 1		< 1	< 1
trans-1,2-Dichloroethene	2016-04	ug/L		< 1	< 1		**1.1**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2016-07	ug/L												< 1	< 1
trans-1,2-Dichloroethene	2016-09	ug/L	< 1	< 1	< 1	< 1	**0.839 J**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2016-12	ug/L													
trans-1,2-Dichloroethene	2017-03	ug/L	< 1	< 1	< 1	< 1	**1.2**		< 1	< 1	< 1	< 1	< 1	**0.394 J**	< 1
trans-1,2-Dichloroethene	2017-08	ug/L	< 1	< 1	< 1	< 1	**0.957 J**	< 1	< 1	< 1	< 1	< 1	< 1	**0.254 J**	< 1
trans-1,2-Dichloroethene	2017-11	ug/L						< 1							
trans-1,2-Dichloroethene	2018-03	ug/L	< 1	< 1	< 1	< 1	**1.32**	< 1	< 1	< 1	< 1	< 1	< 1	**0.289 J**	< 1
trans-1,2-Dichloroethene	2018-06	ug/L						< 1			< 1				
trans-1,2-Dichloroethene	2018-09	ug/L	< 1	< 1	< 1	< 1	**0.801 J**	< 1	< 1	< 1	< 1	< 1	< 1	**0.495 J**	< 1
trans-1,2-Dichloroethene	2018-11	ug/L							< 1						
trans-1,2-Dichloroethene	2019-04	ug/L	< 1	< 1	< 1	< 1	**1.13**	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
trans-1,2-Dichloroethene	2019-05	ug/L													
trans-1,2-Dichloroethene	2019-07	ug/L										< 1			
trans-1,2-Dichloroethene	2019-10	ug/L	< 1	< 1	< 1	< 1	**0.834 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2020-04	ug/L	< 1	< 1	< 1	< 1	**0.804 J**	< 1	< 1	< 1	< 1	< 1	< 1	**0.302 J**	< 1
trans-1,2-Dichloroethene	2020-10	ug/L	< 1	< 1	< 1	< 1	**0.801 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2021-05	ug/L	< 1	< 1	< 1	< 1	**0.727 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2021-10	ug/L	< 1	< 1	< 1	< 1	**0.695 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2022-04	ug/L	< 1	< 1	< 1	< 1	**0.581 J**					< 1	< 1		
trans-1,2-Dichloroethene	2022-10	ug/L	< 1	< 1	< 1	< 1	**0.732 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2023-05	ug/L	< 1	< 1	< 1	< 1	**0.649 J**			< 1		< 1	< 1		
trans-1,2-Dichloroethene	2023-08	ug/L								< 1					
trans-1,2-Dichloroethene	2023-11	ug/L	< 1	< 1	< 1	< 1	**0.431 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2024-02	ug/L								< 1					
trans-1,2-Dichloroethene	2024-04	ug/L	< 1	< 1	< 1	< 1	**0.517 J**					< 1	< 1		
trans-1,2-Dichloroethene	2024-05	ug/L													
trans-1,2-Dichloroethene	2024-09	ug/L		< 1	< 1	< 1							< 1		
trans-1,2-Dichloroethene	2024-10	ug/L	< 1				**0.566 J**	< 1	< 1	< 1	< 1	< 1		< 1	< 1
trans-1,2-Dichloroethene	2025-04	ug/L	< 1	< 1	< 1	< 1	< 1					< 1	< 1		
trans-1,2-Dichloroethene	2025-10	ug/L	< 1	< 1	< 1	< 1	**0.447 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	2007-10	ug/L													
trans-1,3-Dichloropropene	2008-01	ug/L													
trans-1,3-Dichloropropene	2008-04	ug/L													
trans-1,3-Dichloropropene	2008-07	ug/L													
trans-1,3-Dichloropropene	2008-10	ug/L													
trans-1,3-Dichloropropene	2009-04	ug/L													
trans-1,3-Dichloropropene	2009-07	ug/L													
trans-1,3-Dichloropropene	2009-10	ug/L													
trans-1,3-Dichloropropene	2009-12	ug/L													
trans-1,3-Dichloropropene	2010-02	ug/L													

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Table 14
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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
trans-1,3-Dichloropropene	2010-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	
trans-1,3-Dichloropropene	2010-06	ug/L										< 5.00			< 5.00
trans-1,3-Dichloropropene	2010-08	ug/L													< 10.0
trans-1,3-Dichloropropene	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,3-Dichloropropene	2010-12	ug/L													< 5.00
trans-1,3-Dichloropropene	2011-02	ug/L													< 5.00
trans-1,3-Dichloropropene	2011-04	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2011-06	ug/L											< 5.00		< 10.0
trans-1,3-Dichloropropene	2011-10	ug/L			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2011-12	ug/L	< 5.00												< 5.00
trans-1,3-Dichloropropene	2012-02	ug/L	< 5.00												
trans-1,3-Dichloropropene	2012-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2012-06	ug/L	< 5.00												
trans-1,3-Dichloropropene	2012-08	ug/L	< 5.00												
trans-1,3-Dichloropropene	2012-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2013-01	ug/L													
trans-1,3-Dichloropropene	2013-04	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2013-06	ug/L													
trans-1,3-Dichloropropene	2013-08	ug/L													
trans-1,3-Dichloropropene	2013-10	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2013-12	ug/L													
trans-1,3-Dichloropropene	2014-03	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2014-09	ug/L	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2015-05	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2015-10	ug/L	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2016-01	ug/L													
trans-1,3-Dichloropropene	2016-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2016-07	ug/L		< 5											
trans-1,3-Dichloropropene	2016-09	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2016-12	ug/L		< 5											
trans-1,3-Dichloropropene	2017-03	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2017-11	ug/L													
trans-1,3-Dichloropropene	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2018-06	ug/L													
trans-1,3-Dichloropropene	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2018-11	ug/L													
trans-1,3-Dichloropropene	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~
trans-1,3-Dichloropropene	2019-05	ug/L		< 5											
trans-1,3-Dichloropropene	2019-07	ug/L													
trans-1,3-Dichloropropene	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2020-04	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2021-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2022-04	ug/L		< 5		< 5						< 5	< 5		< 5
trans-1,3-Dichloropropene	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2023-05	ug/L	< 5	< 5		< 5				< 5		< 5	< 5		< 5
trans-1,3-Dichloropropene	2023-08	ug/L								< 5					
trans-1,3-Dichloropropene	2023-11	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2024-02	ug/L								< 5					
trans-1,3-Dichloropropene	2024-04	ug/L		< 5									< 5		< 5
trans-1,3-Dichloropropene	2024-05	ug/L				< 5						< 5			

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
trans-1,3-Dichloropropene	2010-04	ug/L													
trans-1,3-Dichloropropene	2010-06	ug/L													
trans-1,3-Dichloropropene	2010-08	ug/L													
trans-1,3-Dichloropropene	2010-10	ug/L													
trans-1,3-Dichloropropene	2010-12	ug/L													
trans-1,3-Dichloropropene	2011-02	ug/L													
trans-1,3-Dichloropropene	2011-04	ug/L													
trans-1,3-Dichloropropene	2011-06	ug/L													
trans-1,3-Dichloropropene	2011-10	ug/L													
trans-1,3-Dichloropropene	2011-12	ug/L													
trans-1,3-Dichloropropene	2012-02	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2012-04	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2012-06	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2012-08	ug/L					< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2012-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2013-01	ug/L		< 5.00	< 5.00										
trans-1,3-Dichloropropene	2013-04	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2013-06	ug/L		< 5.00	< 5.00										
trans-1,3-Dichloropropene	2013-08	ug/L		< 5.00	< 5.00										
trans-1,3-Dichloropropene	2013-10	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2013-12	ug/L		< 5.00	< 5.00										
trans-1,3-Dichloropropene	2014-03	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2014-09	ug/L		< 5.00	< 5.00		< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00		
trans-1,3-Dichloropropene	2015-05	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5		
trans-1,3-Dichloropropene	2015-10	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2016-01	ug/L									< 5	< 5		< 5	< 5
trans-1,3-Dichloropropene	2016-04	ug/L		< 5	< 5		< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2016-07	ug/L												< 5	< 5
trans-1,3-Dichloropropene	2016-09	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2016-12	ug/L													
trans-1,3-Dichloropropene	2017-03	ug/L	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2017-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2017-11	ug/L						< 5							
trans-1,3-Dichloropropene	2018-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2018-06	ug/L						< 5			< 5				
trans-1,3-Dichloropropene	2018-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2018-11	ug/L							< 5						
trans-1,3-Dichloropropene	2019-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	~~< 5~~	< 5	< 5
trans-1,3-Dichloropropene	2019-05	ug/L													
trans-1,3-Dichloropropene	2019-07	ug/L										< 5			
trans-1,3-Dichloropropene	2019-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2020-04	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2020-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2021-05	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2021-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2022-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
trans-1,3-Dichloropropene	2022-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2023-05	ug/L	< 5	< 5	< 5	< 5	< 5			< 5		< 5	< 5		
trans-1,3-Dichloropropene	2023-08	ug/L								< 5					
trans-1,3-Dichloropropene	2023-11	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2024-02	ug/L								< 5					
trans-1,3-Dichloropropene	2024-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
trans-1,3-Dichloropropene	2024-05	ug/L													

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trans-1,3-Dichloropropene	2024-09	ug/L													
trans-1,3-Dichloropropene	2024-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2025-04	ug/L	< 5	< 5		< 5						< 5	< 5		< 5
trans-1,3-Dichloropropene	2025-10	ug/L		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,4-Dichloro-2-butene	2007-10	ug/L			< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	
trans-1,4-Dichloro-2-butene	2008-01	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
trans-1,4-Dichloro-2-butene	2008-04	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
trans-1,4-Dichloro-2-butene	2008-07	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
trans-1,4-Dichloro-2-butene	2008-10	ug/L			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
trans-1,4-Dichloro-2-butene	2009-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
trans-1,4-Dichloro-2-butene	2009-07	ug/L							< 10.0			< 10.0			
trans-1,4-Dichloro-2-butene	2009-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 20.0	< 20.0	< 10.0	< 10.0	< 20.0	< 10.0	
trans-1,4-Dichloro-2-butene	2009-12	ug/L							< 10.0			< 10.0			
trans-1,4-Dichloro-2-butene	2010-02	ug/L										< 10.0			
trans-1,4-Dichloro-2-butene	2010-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	
trans-1,4-Dichloro-2-butene	2010-06	ug/L										< 10.0			< 10.0
trans-1,4-Dichloro-2-butene	2010-08	ug/L													< 10.0
trans-1,4-Dichloro-2-butene	2010-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,4-Dichloro-2-butene	2010-12	ug/L													< 10.0
trans-1,4-Dichloro-2-butene	2011-02	ug/L													< 10.0
trans-1,4-Dichloro-2-butene	2011-04	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,4-Dichloro-2-butene	2011-06	ug/L											< 10.0		< 10.0
trans-1,4-Dichloro-2-butene	2011-10	ug/L			< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,4-Dichloro-2-butene	2011-12	ug/L	< 10.0												< 10.0
trans-1,4-Dichloro-2-butene	2012-02	ug/L	< 10.0												
trans-1,4-Dichloro-2-butene	2012-04	ug/L	< 20.0		< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 10.0	< 20.0	< 20.0	< 20.0	< 20.0
trans-1,4-Dichloro-2-butene	2012-06	ug/L	< 10.0												
trans-1,4-Dichloro-2-butene	2012-08	ug/L	< 10.0												
trans-1,4-Dichloro-2-butene	2012-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,4-Dichloro-2-butene	2013-01	ug/L													
trans-1,4-Dichloro-2-butene	2013-04	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,4-Dichloro-2-butene	2013-06	ug/L													
trans-1,4-Dichloro-2-butene	2013-08	ug/L													
trans-1,4-Dichloro-2-butene	2013-10	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,4-Dichloro-2-butene	2013-12	ug/L													
trans-1,4-Dichloro-2-butene	2014-03	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,4-Dichloro-2-butene	2014-09	ug/L	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
trans-1,4-Dichloro-2-butene	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2016-01	ug/L													
trans-1,4-Dichloro-2-butene	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2016-07	ug/L		< 10											
trans-1,4-Dichloro-2-butene	2016-09	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2016-12	ug/L		< 10											
trans-1,4-Dichloro-2-butene	2017-03	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2017-11	ug/L													
trans-1,4-Dichloro-2-butene	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2018-06	ug/L													
trans-1,4-Dichloro-2-butene	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2018-11	ug/L													
trans-1,4-Dichloro-2-butene	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~
trans-1,4-Dichloro-2-butene	2019-05	ug/L		< 10											

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
trans-1,3-Dichloropropene	2024-09	ug/L		< 5	< 5	< 5							< 5		
trans-1,3-Dichloropropene	2024-10	ug/L	< 5				< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5
trans-1,3-Dichloropropene	2025-04	ug/L	< 5	< 5	< 5	< 5	< 5					< 5	< 5		
trans-1,3-Dichloropropene	2025-10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,4-Dichloro-2-butene	2007-10	ug/L													
trans-1,4-Dichloro-2-butene	2008-01	ug/L													
trans-1,4-Dichloro-2-butene	2008-04	ug/L													
trans-1,4-Dichloro-2-butene	2008-07	ug/L													
trans-1,4-Dichloro-2-butene	2008-10	ug/L													
trans-1,4-Dichloro-2-butene	2009-04	ug/L													
trans-1,4-Dichloro-2-butene	2009-07	ug/L													
trans-1,4-Dichloro-2-butene	2009-10	ug/L													
trans-1,4-Dichloro-2-butene	2009-12	ug/L													
trans-1,4-Dichloro-2-butene	2010-02	ug/L													
trans-1,4-Dichloro-2-butene	2010-04	ug/L													
trans-1,4-Dichloro-2-butene	2010-06	ug/L													
trans-1,4-Dichloro-2-butene	2010-08	ug/L													
trans-1,4-Dichloro-2-butene	2010-10	ug/L													
trans-1,4-Dichloro-2-butene	2010-12	ug/L													
trans-1,4-Dichloro-2-butene	2011-02	ug/L													
trans-1,4-Dichloro-2-butene	2011-04	ug/L													
trans-1,4-Dichloro-2-butene	2011-06	ug/L													
trans-1,4-Dichloro-2-butene	2011-10	ug/L													
trans-1,4-Dichloro-2-butene	2011-12	ug/L													
trans-1,4-Dichloro-2-butene	2012-02	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
trans-1,4-Dichloro-2-butene	2012-04	ug/L					< 20.0		< 20.0	< 20.0	< 20.0	< 20.0	< 20.0		
trans-1,4-Dichloro-2-butene	2012-06	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
trans-1,4-Dichloro-2-butene	2012-08	ug/L					< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
trans-1,4-Dichloro-2-butene	2012-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
trans-1,4-Dichloro-2-butene	2013-01	ug/L		< 10.0	< 10.0										
trans-1,4-Dichloro-2-butene	2013-04	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
trans-1,4-Dichloro-2-butene	2013-06	ug/L		< 10.0	< 10.0										
trans-1,4-Dichloro-2-butene	2013-08	ug/L		< 10.0	< 10.0										
trans-1,4-Dichloro-2-butene	2013-10	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
trans-1,4-Dichloro-2-butene	2013-12	ug/L		< 10.0	< 10.0										
trans-1,4-Dichloro-2-butene	2014-03	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
trans-1,4-Dichloro-2-butene	2014-09	ug/L		< 10.0	< 10.0		< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		
trans-1,4-Dichloro-2-butene	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
trans-1,4-Dichloro-2-butene	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2016-01	ug/L									< 10	< 10		< 10	< 10
trans-1,4-Dichloro-2-butene	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2016-07	ug/L												< 10	< 10
trans-1,4-Dichloro-2-butene	2016-09	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2016-12	ug/L													
trans-1,4-Dichloro-2-butene	2017-03	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2017-11	ug/L						< 10							
trans-1,4-Dichloro-2-butene	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2018-06	ug/L						< 10			< 10				
trans-1,4-Dichloro-2-butene	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2018-11	ug/L							< 10						
trans-1,4-Dichloro-2-butene	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~	< 10	< 10
trans-1,4-Dichloro-2-butene	2019-05	ug/L													

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
trans-1,4-Dichloro-2-butene	2019-07	ug/L													
trans-1,4-Dichloro-2-butene	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2020-04	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2021-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2022-04	ug/L		< 10		< 10						< 10	< 10		< 10
trans-1,4-Dichloro-2-butene	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2023-05	ug/L	< 10	< 10		< 10				< 10		< 10	< 10		< 10
trans-1,4-Dichloro-2-butene	2023-08	ug/L								< 10					
trans-1,4-Dichloro-2-butene	2023-11	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2024-02	ug/L								< 10					
trans-1,4-Dichloro-2-butene	2024-04	ug/L		< 10									< 10		< 10
trans-1,4-Dichloro-2-butene	2024-05	ug/L				< 10						< 10			
trans-1,4-Dichloro-2-butene	2024-09	ug/L													
trans-1,4-Dichloro-2-butene	2024-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2025-04	ug/L	< 10	< 10		< 10						< 10	< 10		< 10
trans-1,4-Dichloro-2-butene	2025-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Trichloroethene	2007-10	ug/L			**2.44**	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Trichloroethene	2008-01	ug/L			**5.33**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Trichloroethene	2008-04	ug/L			**4.52**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Trichloroethene	2008-07	ug/L			**1.15**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Trichloroethene	2008-10	ug/L			**4.64**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Trichloroethene	2009-04	ug/L			**1.61**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.420 J**	< 1.00	< 1.00	< 1.00	
Trichloroethene	2009-07	ug/L							< 1.00			< 1.00			
Trichloroethene	2009-10	ug/L			**2.19**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Trichloroethene	2009-12	ug/L							< 1.00			< 1.00			
Trichloroethene	2010-02	ug/L										< 1.00			
Trichloroethene	2010-04	ug/L			**1.93**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Trichloroethene	2010-06	ug/L										< 1.00			< 1.00
Trichloroethene	2010-08	ug/L													< 1.00
Trichloroethene	2010-10	ug/L			**2.62**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2010-12	ug/L													< 1.00
Trichloroethene	2011-02	ug/L													< 1.00
Trichloroethene	2011-04	ug/L			**1.72**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2011-06	ug/L											< 1.00		< 1.00
Trichloroethene	2011-10	ug/L			**2.24**	< 1.00	**0.190 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2011-12	ug/L	< 1.00												< 1.00
Trichloroethene	2012-02	ug/L	< 1.00												
Trichloroethene	2012-04	ug/L	< 1.00		**1.23**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2012-06	ug/L	< 1.00												
Trichloroethene	2012-08	ug/L	< 1.00												
Trichloroethene	2012-10	ug/L	< 1.00		**1.90**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2013-01	ug/L													
Trichloroethene	2013-04	ug/L	< 1.00		**1.47**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.385 J**	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2013-06	ug/L													
Trichloroethene	2013-08	ug/L													
Trichloroethene	2013-10	ug/L	< 1.00		**0.444 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2013-12	ug/L													
Trichloroethene	2014-03	ug/L	< 1.00		**1.70**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	2015-05	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2015-10	ug/L	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

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trans-1,4-Dichloro-2-butene	2019-07	ug/L										< 10			
trans-1,4-Dichloro-2-butene	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2020-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2021-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2022-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
trans-1,4-Dichloro-2-butene	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2023-05	ug/L	< 10	< 10	< 10	< 10	< 10			< 10		< 10	< 10		
trans-1,4-Dichloro-2-butene	2023-08	ug/L								< 10					
trans-1,4-Dichloro-2-butene	2023-11	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2024-02	ug/L								< 10					
trans-1,4-Dichloro-2-butene	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
trans-1,4-Dichloro-2-butene	2024-05	ug/L													
trans-1,4-Dichloro-2-butene	2024-09	ug/L		< 10	< 10	< 10							< 10		
trans-1,4-Dichloro-2-butene	2024-10	ug/L	< 10				< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10
trans-1,4-Dichloro-2-butene	2025-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
trans-1,4-Dichloro-2-butene	2025-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Trichloroethene	2007-10	ug/L													
Trichloroethene	2008-01	ug/L													
Trichloroethene	2008-04	ug/L													
Trichloroethene	2008-07	ug/L													
Trichloroethene	2008-10	ug/L													
Trichloroethene	2009-04	ug/L													
Trichloroethene	2009-07	ug/L													
Trichloroethene	2009-10	ug/L													
Trichloroethene	2009-12	ug/L													
Trichloroethene	2010-02	ug/L													
Trichloroethene	2010-04	ug/L													
Trichloroethene	2010-06	ug/L													
Trichloroethene	2010-08	ug/L													
Trichloroethene	2010-10	ug/L													
Trichloroethene	2010-12	ug/L													
Trichloroethene	2011-02	ug/L													
Trichloroethene	2011-04	ug/L													
Trichloroethene	2011-06	ug/L													
Trichloroethene	2011-10	ug/L													
Trichloroethene	2011-12	ug/L													
Trichloroethene	2012-02	ug/L					**17.1**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2012-04	ug/L					**24.4**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2012-06	ug/L					**16.1**		< 1.00 J	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2012-08	ug/L					**13.6**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2012-10	ug/L		< 1.00	< 1.00		**14.5**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2013-01	ug/L		< 1.00	< 1.00										
Trichloroethene	2013-04	ug/L		< 1.00	< 1.00		**21.9**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2013-06	ug/L		< 1.00	< 1.00										
Trichloroethene	2013-08	ug/L		< 1.00	< 1.00										
Trichloroethene	2013-10	ug/L		< 1.00	< 1.00		**25.0**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2013-12	ug/L		< 1.00	< 1.00										
Trichloroethene	2014-03	ug/L		< 1.00	< 1.00		**20.5**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2014-09	ug/L		< 1.00	< 1.00		**18.8**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Trichloroethene	2015-05	ug/L		< 1	< 1		**21.2**		< 1	< 1	< 1	< 1	< 1		
Trichloroethene	2015-10	ug/L		< 1	< 1		**19.5**		< 1	< 1	< 1	< 1	< 1	< 1	< 1

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Trichloroethene	2016-01	ug/L													
Trichloroethene	2016-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1 J	< 1	< 1
Trichloroethene	2016-07	ug/L		< 1											
Trichloroethene	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2016-12	ug/L		< 1											
Trichloroethene	2017-03	ug/L		< 1	**0.242 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2017-08	ug/L	**0.333 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2017-11	ug/L													
Trichloroethene	2018-03	ug/L	**0.222 J**	< 1	**0.754 J**	**0.191 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2018-06	ug/L													
Trichloroethene	2018-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2018-11	ug/L													
Trichloroethene	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~
Trichloroethene	2019-05	ug/L		< 1											
Trichloroethene	2019-07	ug/L													
Trichloroethene	2019-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2020-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2021-05	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2022-04	ug/L		< 1		< 1						< 1	< 1		< 1
Trichloroethene	2022-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2023-05	ug/L	< 1	< 1		< 1				< 1		< 1	< 1		< 1
Trichloroethene	2023-08	ug/L								< 1					
Trichloroethene	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2024-02	ug/L								< 1					
Trichloroethene	2024-04	ug/L		< 1									< 1		< 1
Trichloroethene	2024-05	ug/L				< 1						< 1			
Trichloroethene	2024-09	ug/L													
Trichloroethene	2024-10	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2025-04	ug/L	< 1	< 1		< 1						< 1	< 1		< 1
Trichloroethene	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	2007-10	mg/L			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.108**	< 0.05	< 0.05	
Vanadium	2008-01	mg/L			< 0.05	< 0.05	< 0.05	**0.102**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Vanadium	2008-04	mg/L			< 0.05	< 0.05	**0.0811**	< 0.05	< 0.05	< 0.05	< 0.05	**0.0607**	< 0.05	**0.0574**	
Vanadium	2008-07	mg/L			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Vanadium	2008-10	mg/L			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Vanadium	2009-04	mg/L			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	**0.0731**	< 0.0500	< 0.0500	
Vanadium	2009-07	mg/L							< 0.0500			< 0.0500			
Vanadium	2009-10	mg/L			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	
Vanadium	2009-12	mg/L							< 0.0500			< 0.0500			
Vanadium	2010-02	mg/L										< 0.0500			
Vanadium	2010-04	mg/L			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	
Vanadium	2010-06	mg/L										< 0.0500			< 0.0500
Vanadium	2010-08	mg/L													< 0.0500
Vanadium	2010-10	mg/L			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	**0.324**
Vanadium	2010-12	mg/L													< 0.0500
Vanadium	2011-02	mg/L													< 0.0500
Vanadium	2011-04	mg/L			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Vanadium	2011-06	mg/L											< 0.0500		< 0.0500
Vanadium	2011-10	mg/L			< 0.0500	< 0.0500	**0.00432 J**	**0.00946 J**	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	**0.00431 J**	< 0.0500
Vanadium	2011-12	mg/L	< 0.0500												**0.0227 J**
Vanadium	2012-02	mg/L	< 0.00100												

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Trichloroethene	2016-01	ug/L									< 1	< 1		< 1	< 1
Trichloroethene	2016-04	ug/L		< 1	< 1		**21.7**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2016-07	ug/L												< 1	< 1
Trichloroethene	2016-09	ug/L	< 1	< 1	< 1	< 1	**21.5**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2016-12	ug/L													
Trichloroethene	2017-03	ug/L	< 1	< 1	< 1	< 1	**22.7**		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2017-08	ug/L	< 1	< 1	< 1	< 1	**20**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2017-11	ug/L						< 1							
Trichloroethene	2018-03	ug/L	< 1	< 1	< 1	< 1	**20.6**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2018-06	ug/L						< 1			< 1				
Trichloroethene	2018-09	ug/L	< 1	< 1	< 1	< 1	**16.5**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2018-11	ug/L							< 1						
Trichloroethene	2019-04	ug/L	< 1	< 1	< 1	< 1	**17.9**	< 1	< 1	< 1	< 1	< 1	~~< 1~~	< 1	< 1
Trichloroethene	2019-05	ug/L													
Trichloroethene	2019-07	ug/L										< 1			
Trichloroethene	2019-10	ug/L	< 1	< 1	< 1	< 1	**13.7**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2020-04	ug/L	< 1	< 1	< 1	< 1	**14.4**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2020-10	ug/L	< 1	< 1	< 1	< 1	**11.8**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2021-05	ug/L	< 1	< 1	< 1	< 1	**11.6**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2021-10	ug/L	< 1	< 1	< 1	< 1	**9.12**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2022-04	ug/L	< 1	< 1	< 1	< 1	**9.82**					< 1	< 1		
Trichloroethene	2022-10	ug/L	< 1	< 1	< 1	< 1	**9.62**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2023-05	ug/L	< 1	< 1	< 1	< 1	**9.08**			< 1		< 1	< 1		
Trichloroethene	2023-08	ug/L								< 1					
Trichloroethene	2023-11	ug/L	< 1	< 1	< 1	< 1	**7.19**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2024-02	ug/L								< 1					
Trichloroethene	2024-04	ug/L	< 1	< 1	< 1	< 1	**7.54**					< 1	< 1		
Trichloroethene	2024-05	ug/L													
Trichloroethene	2024-09	ug/L		< 1	< 1	< 1							< 1		
Trichloroethene	2024-10	ug/L	< 1				**7.82**	< 1	< 1	< 1	< 1	< 1		< 1	< 1
Trichloroethene	2025-04	ug/L	< 1	< 1	< 1	< 1	**7.42**					< 1	< 1		
Trichloroethene	2025-10	ug/L	< 1	< 1	< 1	< 1	**7.06**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	2007-10	mg/L													
Vanadium	2008-01	mg/L													
Vanadium	2008-04	mg/L													
Vanadium	2008-07	mg/L													
Vanadium	2008-10	mg/L													
Vanadium	2009-04	mg/L													
Vanadium	2009-07	mg/L													
Vanadium	2009-10	mg/L													
Vanadium	2009-12	mg/L													
Vanadium	2010-02	mg/L													
Vanadium	2010-04	mg/L													
Vanadium	2010-06	mg/L													
Vanadium	2010-08	mg/L													
Vanadium	2010-10	mg/L													
Vanadium	2010-12	mg/L													
Vanadium	2011-02	mg/L													
Vanadium	2011-04	mg/L													
Vanadium	2011-06	mg/L													
Vanadium	2011-10	mg/L													
Vanadium	2011-12	mg/L													
Vanadium	2012-02	mg/L					**0.00246**		**0.00714**	**0.00360**	**0.00304**	**0.00753**	**0.00413**		

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Vanadium	2012-04	mg/L	< 0.00500		< 0.00500	< 0.00500	**0.00535**	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500
Vanadium	2012-06	mg/L													
Vanadium	2012-08	mg/L	< 0.00100												
Vanadium	2012-10	mg/L	< 0.00100		< 0.0100	< 0.0200	< 0.0100	< 0.0200	< 0.0100	< 0.00100	**0.0112**	< 0.0100	< 0.00100	< 0.0100	**0.00101**
Vanadium	2013-01	mg/L													
Vanadium	2013-04	mg/L	< 0.00100		**0.00165**	< 0.00100	**0.00313**	**0.00853**	< 0.00100	**0.00257**	**0.00754**	< 0.00100	**0.000913 J**	**0.00101**	**0.00101**
Vanadium	2013-06	mg/L													
Vanadium	2013-08	mg/L													
Vanadium	2013-10	mg/L	< 0.00500		**0.00119 J**	**0.00161 J**	**0.0106**	**0.00321 J**	< 0.00500	< 0.00500	**0.00119 J**	**0.00346 J**	< 0.00500	**0.00338 J**	**0.00231 J**
Vanadium	2013-12	mg/L													
Vanadium	2014-03	mg/L	**0.0159**		**0.000988 J**	**0.00107 J**	**0.00897**	**0.00315 J**	**0.00438 J**	**0.00105 J**	**0.000723 J**	**0.00177 J**	< 0.00500	**0.00228 J**	**0.0304**
Vanadium	2014-09	mg/L	**0.000487 J**		**0.000889 J**	**0.000467 J**	**0.00139 J**	**0.000630 J**	< 0.00500	< 0.00500	**0.000860 J**	**0.00177 J**	**0.000453 J**	**0.000880 J**	**0.000580 J**
Vanadium	2015-05	mg/L	**0.00104 J**		**0.000922 J**	< 0.005	**0.00106 J**	**0.000933 J**	< 0.005	< 0.005	**0.00104 J**	**0.00102 J**	< 0.005	**0.000524 J**	< 0.005
Vanadium	2015-10	mg/L	< 0.005		**0.000867 J**	< 0.005	**0.000649 J**	**0.000843 J**	< 0.005	< 0.005	**0.00124 J**	**0.00128 J**	< 0.005	**0.00062 J**	< 0.005
Vanadium	2016-01	mg/L													
Vanadium	2016-04	mg/L	< 0.005	< 0.005	**0.000609 J**	< 0.005	**0.000438 J**	**0.000518 J**	< 0.005	**0.000261 J**	**0.00124 J**	**0.00108 J**	**0.000274 J**	**0.000975 J**	**0.000391 J**
Vanadium	2016-07	mg/L		< 0.005											
Vanadium	2016-09	mg/L		< 0.005	**0.000869 J**	**0.000341 J**	**0.000637 J**	**0.00073 J**	**0.000281 J**	< 0.005	**0.00123 J**	**0.00136 J**	< 0.005	**0.000593 J**	< 0.005
Vanadium	2016-12	mg/L		< 0.005											
Vanadium	2017-03	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00116 J**	**0.00109 J**	< 0.005		< 0.005
Vanadium	2017-08	mg/L	< 0.005	< 0.005	< 0.005	**0.000884 J**	**0.00102 J**	< 0.005	< 0.005	< 0.005	**0.000886 J**	**0.00133 J**	< 0.005		< 0.005
Vanadium	2018-03	mg/L	< 0.005	< 0.005	< 0.005	**0.00169 J**	< 0.005	**0.00116 J**	< 0.005	< 0.005	< 0.005	**0.00106 J**	< 0.005		< 0.005
Vanadium	2018-06	mg/L													
Vanadium	2018-09	mg/L	< 0.005	< 0.005	**0.000668 J**	< 0.005	**0.00125 J**	< 0.005	< 0.005	< 0.005	**0.00067 J**	**0.00169 J**	< 0.005		< 0.005
Vanadium	2018-11	mg/L													
Vanadium	2019-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		~~< 0.005~~
Vanadium	2019-07	mg/L													
Vanadium	2019-10	mg/L	**0.00201 J**	**0.00273 J**	**0.00101 J**	**0.0011 J**	< 0.005	**0.00273 J**	< 0.005	< 0.005	**0.00103 J**	**0.00179 J**	< 0.005		< 0.005
Vanadium	2020-04	mg/L		< 0.005	**0.00114 J**	**0.00157 J**	< 0.005	**0.00084 J**	< 0.005	< 0.005	**0.00151 J**	**0.00117 J**	< 0.005		< 0.005
Vanadium	2020-10	mg/L	< 0.005	< 0.005	**0.00135 J**	**0.00213 J**	< 0.005	< 0.005	< 0.005	< 0.005	**0.00135 J**	**0.00154 J**	< 0.005		< 0.005
Vanadium	2021-05	mg/L	< 0.005	< 0.005	< 0.005	**0.00183 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vanadium	2021-10	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Vanadium	2022-04	mg/L		< 0.005		< 0.005						< 0.005	< 0.005		< 0.005
Vanadium	2022-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00127 J**	< 0.005		< 0.005
Vanadium	2023-05	mg/L	< 0.005	< 0.005		< 0.005				< 0.005		< 0.005	< 0.005		< 0.005
Vanadium	2023-08	mg/L								< 0.005					
Vanadium	2023-11	mg/L		< 0.005	< 0.005	< 0.005	**0.0011 J**	< 0.005	< 0.005	< 0.005	**0.00155 J**	< 0.005	< 0.005		< 0.005
Vanadium	2024-02	mg/L								< 0.005					
Vanadium	2024-04	mg/L		< 0.005									< 0.005		< 0.005
Vanadium	2024-05	mg/L				< 0.005						< 0.005			
Vanadium	2024-09	mg/L													
Vanadium	2024-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	**0.00121 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Vanadium	2025-04	mg/L	< 0.005	< 0.005		< 0.005						< 0.005	< 0.005		< 0.005
Vanadium	2025-10	mg/L		< 0.005	< 0.005	< 0.005	**0.0021 J**	**0.00823**	**0.00635**	**0.00602**	**0.00615**	**0.00532**	**0.00284 J**		**0.00313 J**
Vinyl Acetate	2007-10	ug/L			< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	
Vinyl Acetate	2008-01	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Vinyl Acetate	2008-04	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Vinyl Acetate	2008-07	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Vinyl Acetate	2008-10	ug/L			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Vinyl Acetate	2009-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
Vinyl Acetate	2009-07	ug/L							< 2.00			< 2.00			
Vinyl Acetate	2009-10	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 5.00	< 5.00	< 2.00	< 2.00	< 5.00	< 2.00	
Vinyl Acetate	2009-12	ug/L							< 2.00			< 2.00			

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Vanadium	2012-04	mg/L					< 0.00500		**0.00980**	< 0.00500	< 0.00500	< 0.00500	< 0.00500		
Vanadium	2012-06	mg/L					**0.00700**		**0.00975**	**0.00125**	**0.00148**	**0.00270**	**0.00108**		
Vanadium	2012-08	mg/L					**0.00168**		**0.00953**	**0.00579**	**0.00403**	**0.0122**	**0.00354**		
Vanadium	2012-10	mg/L		< 0.0100	< 0.0200		< 0.0100		**0.0131**	**0.00214**	< 0.00100	**0.00260**	**0.00205**		
Vanadium	2013-01	mg/L		**0.00525 J**	**0.0109 J**										
Vanadium	2013-04	mg/L		**0.00666**	**0.00225**		**0.00260**		**0.00547**	**0.00430**	**0.00239**	**0.00231**	**0.00361**		
Vanadium	2013-06	mg/L		< 0.00500	**0.00600**										
Vanadium	2013-08	mg/L		**0.00189**	**0.00383**										
Vanadium	2013-10	mg/L		**0.00311 J**	**0.00718**		**0.00134 J**		**0.0187**	**0.00140 J**	**0.000514 J**	**0.000987 J**	**0.00128 J**		
Vanadium	2013-12	mg/L		**0.00308 J**	**0.00199 J**										
Vanadium	2014-03	mg/L		**0.00167 J**	**0.00241 J**		**0.00426 J**		**0.000958 J**	**0.00175 J**	**0.000839 J**	**0.000974 J**	**0.00179 J**		
Vanadium	2014-09	mg/L		**0.000836 J**	**0.00160 J**		< 0.00500		**0.000645 J**	**0.000812 J**	**0.00133 J**	**0.00107 J**	**0.000998 J**		
Vanadium	2015-05	mg/L		**0.000492 J**	**0.00121 J**		< 0.005		< 0.005	**0.00128 J**	**0.000954 J**	**0.000501 J**	**0.000768 J**		
Vanadium	2015-10	mg/L	**0.000822 J**	**0.00073 J**	**0.00119 J**	**0.00072 J**	< 0.005		< 0.005	**0.000627 J**	**0.000569 J**	< 0.005	**0.00104 J**		
Vanadium	2016-01	mg/L									< 0.005	< 0.005			
Vanadium	2016-04	mg/L	**0.000705 J**	**0.000452 J**	**0.00112 J**	**0.00073 J**	< 0.005		< 0.005	**0.000563 J**	**0.000375 J**	< 0.005	**0.000965 J**		
Vanadium	2016-07	mg/L													
Vanadium	2016-09	mg/L	**0.000549 J**	**0.000632 J**	**0.000706 J**	**0.000417 J**	< 0.005		< 0.005	**0.000352 J**	**0.000335 J**	< 0.005	**0.000908 J**		
Vanadium	2016-12	mg/L													
Vanadium	2017-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Vanadium	2017-08	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	**0.00126 J**		
Vanadium	2018-03	mg/L	< 0.005	< 0.005	**0.000898 J**	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Vanadium	2018-06	mg/L									< 0.005				
Vanadium	2018-09	mg/L	**0.000677 J**	**0.000748 J**	**0.000867 J**	**0.000659 J**	< 0.005		**0.000955 J**	**0.000593 J**	< 0.005	< 0.005	**0.000689 J**		
Vanadium	2018-11	mg/L							**0.000764 J**						
Vanadium	2019-04	mg/L	< 0.005	< 0.005	**0.00344 J**	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	~~< 0.005~~		
Vanadium	2019-07	mg/L										< 0.005			
Vanadium	2019-10	mg/L	< 0.005	**0.000837 J**	**0.001 J**	**0.00082 J**	< 0.005		**0.000842 J**	< 0.005	**0.00083 J**	< 0.005	~~**0.000953 J**~~		
Vanadium	2020-04	mg/L	**0.00137 J**	< 0.005	**0.00125 J**	< 0.005	< 0.005		**0.000848 J**	< 0.005	< 0.005	< 0.005	< 0.005		
Vanadium	2020-10	mg/L	**0.000867 J**	**0.000948 J**	< 0.005	**0.0009 J**	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Vanadium	2021-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Vanadium	2021-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Vanadium	2022-04	mg/L	< 0.02	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005		
Vanadium	2022-10	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	**0.00113 J**	< 0.005	< 0.005	< 0.005		
Vanadium	2023-05	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			**0.00142 J**		< 0.005	< 0.005		
Vanadium	2023-08	mg/L								< 0.005					
Vanadium	2023-11	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	**0.00129 J**	< 0.005	< 0.005	**0.00118 J**		
Vanadium	2024-02	mg/L								< 0.005					
Vanadium	2024-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005		
Vanadium	2024-05	mg/L													
Vanadium	2024-09	mg/L		< 0.005	< 0.005	< 0.005							< 0.005		
Vanadium	2024-10	mg/L	< 0.005				< 0.005		< 0.005	< 0.005	< 0.005	< 0.005			
Vanadium	2025-04	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005		
Vanadium	2025-10	mg/L	**0.00253 J**	**0.00299 J**	**0.00281 J**	**0.0033 J**	**0.0038 J**		**0.00253 J**	**0.00388 J**	**0.00259 J**	< 0.005	< 0.005		
Vinyl Acetate	2007-10	ug/L													
Vinyl Acetate	2008-01	ug/L													
Vinyl Acetate	2008-04	ug/L													
Vinyl Acetate	2008-07	ug/L													
Vinyl Acetate	2008-10	ug/L													
Vinyl Acetate	2009-04	ug/L													
Vinyl Acetate	2009-07	ug/L													
Vinyl Acetate	2009-10	ug/L													
Vinyl Acetate	2009-12	ug/L													

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Vinyl Acetate	2010-02	ug/L										< 2.00			
Vinyl Acetate	2010-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
Vinyl Acetate	2010-06	ug/L										< 2.00			< 2.00
Vinyl Acetate	2010-08	ug/L													< 2.00
Vinyl Acetate	2010-10	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Vinyl Acetate	2010-12	ug/L													< 2.00
Vinyl Acetate	2011-02	ug/L													< 4.00
Vinyl Acetate	2011-04	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Vinyl Acetate	2011-06	ug/L											< 2.00		< 2.00
Vinyl Acetate	2011-10	ug/L			< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Vinyl Acetate	2011-12	ug/L	< 2.00												< 2.00
Vinyl Acetate	2012-02	ug/L	< 20.0												
Vinyl Acetate	2012-04	ug/L	< 20.0		< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 2.00	< 20.0	< 20.0	< 20.0	< 20.0
Vinyl Acetate	2012-06	ug/L	< 2.00												
Vinyl Acetate	2012-08	ug/L	< 4.00												
Vinyl Acetate	2012-10	ug/L	< 10.0		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0
Vinyl Acetate	2013-01	ug/L													
Vinyl Acetate	2013-04	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Vinyl Acetate	2013-06	ug/L													
Vinyl Acetate	2013-08	ug/L													
Vinyl Acetate	2013-10	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Vinyl Acetate	2013-12	ug/L													
Vinyl Acetate	2014-03	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Vinyl Acetate	2014-09	ug/L	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Vinyl Acetate	2015-05	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2015-10	ug/L	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2016-01	ug/L													
Vinyl Acetate	2016-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2016-07	ug/L		< 10											
Vinyl Acetate	2016-09	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2016-12	ug/L		< 10											
Vinyl Acetate	2017-03	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2017-11	ug/L													
Vinyl Acetate	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2018-06	ug/L													
Vinyl Acetate	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2018-11	ug/L													
Vinyl Acetate	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~
Vinyl Acetate	2019-05	ug/L		< 10											
Vinyl Acetate	2019-07	ug/L													
Vinyl Acetate	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2020-04	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2021-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2022-04	ug/L		< 10		< 10						< 10	< 10		< 10
Vinyl Acetate	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2023-05	ug/L	< 10	< 10		< 10				< 10		< 10	< 10		< 10
Vinyl Acetate	2023-08	ug/L								< 10					
Vinyl Acetate	2023-11	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2024-02	ug/L								< 10					
Vinyl Acetate	2024-04	ug/L		< 10									< 10		< 10

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Vinyl Acetate	2010-02	ug/L													
Vinyl Acetate	2010-04	ug/L													
Vinyl Acetate	2010-06	ug/L													
Vinyl Acetate	2010-08	ug/L													
Vinyl Acetate	2010-10	ug/L													
Vinyl Acetate	2010-12	ug/L													
Vinyl Acetate	2011-02	ug/L													
Vinyl Acetate	2011-04	ug/L													
Vinyl Acetate	2011-06	ug/L													
Vinyl Acetate	2011-10	ug/L													
Vinyl Acetate	2011-12	ug/L													
Vinyl Acetate	2012-02	ug/L					< 20.0		< 20.0	< 20.0	< 20.0	< 20.0	< 20.0		
Vinyl Acetate	2012-04	ug/L					< 20.0		< 20.0	< 20.0	< 20.0	< 20.0	< 20.0		
Vinyl Acetate	2012-06	ug/L					< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Vinyl Acetate	2012-08	ug/L					< 4.00		< 20.0	< 20.0	< 20.0	< 20.0	< 4.00		
Vinyl Acetate	2012-10	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 10.0	< 10.0		
Vinyl Acetate	2013-01	ug/L		< 2.00	< 2.00										
Vinyl Acetate	2013-04	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Vinyl Acetate	2013-06	ug/L		< 2.00	< 2.00										
Vinyl Acetate	2013-08	ug/L		< 2.00	< 2.00										
Vinyl Acetate	2013-10	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Vinyl Acetate	2013-12	ug/L		< 2.00	< 2.00										
Vinyl Acetate	2014-03	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Vinyl Acetate	2014-09	ug/L		< 2.00	< 2.00		< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00		
Vinyl Acetate	2015-05	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10		
Vinyl Acetate	2015-10	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2016-01	ug/L									< 10	< 10		< 10	< 10
Vinyl Acetate	2016-04	ug/L		< 10	< 10		< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2016-07	ug/L												< 10	< 10
Vinyl Acetate	2016-09	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2016-12	ug/L													
Vinyl Acetate	2017-03	ug/L	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2017-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2017-11	ug/L						< 10							
Vinyl Acetate	2018-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2018-06	ug/L						< 10			< 10				
Vinyl Acetate	2018-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2018-11	ug/L							< 10						
Vinyl Acetate	2019-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	~~< 10~~	< 10	< 10
Vinyl Acetate	2019-05	ug/L													
Vinyl Acetate	2019-07	ug/L										< 10			
Vinyl Acetate	2019-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2020-04	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2020-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2021-05	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2021-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2022-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
Vinyl Acetate	2022-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2023-05	ug/L	< 10	< 10	< 10	< 10	< 10			< 10		< 10	< 10		
Vinyl Acetate	2023-08	ug/L								< 10					
Vinyl Acetate	2023-11	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2024-02	ug/L								< 10					
Vinyl Acetate	2024-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Vinyl Acetate	2024-05	ug/L				< 10						< 10			
Vinyl Acetate	2024-09	ug/L													
Vinyl Acetate	2024-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2025-04	ug/L	< 10	< 10		< 10						< 10	< 10		< 10
Vinyl Acetate	2025-10	ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Chloride	2007-10	ug/L			**7.39**	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	
Vinyl Chloride	2008-01	ug/L			**10.8**	**2.81**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Vinyl Chloride	2008-04	ug/L			**7.62**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Vinyl Chloride	2008-07	ug/L			**1.58**	**2.36**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Vinyl Chloride	2008-10	ug/L			**7.43**	**2.13**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Vinyl Chloride	2009-04	ug/L			**3.39**	**1.46**	**0.470 J**	< 1.00	< 1.00	< 1.00	**0.440 J**	< 1.00	< 1.00	< 1.00	
Vinyl Chloride	2009-07	ug/L							< 1.00			< 1.00			
Vinyl Chloride	2009-10	ug/L			**2.13**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Vinyl Chloride	2009-12	ug/L							< 1.00			< 1.00			
Vinyl Chloride	2010-02	ug/L										< 1.00			
Vinyl Chloride	2010-04	ug/L			**2.05**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**1.53**	< 1.00	
Vinyl Chloride	2010-06	ug/L										< 1.00			< 1.00
Vinyl Chloride	2010-08	ug/L													< 1.00
Vinyl Chloride	2010-10	ug/L			**2.12**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	2010-12	ug/L													< 1.00
Vinyl Chloride	2011-02	ug/L													< 1.00
Vinyl Chloride	2011-04	ug/L			**1.51**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	2011-06	ug/L											**1.09**		< 1.00
Vinyl Chloride	2011-10	ug/L			**0.910 J**	**0.300 J**	< 1.00	**0.360 J**	**0.380 J**	< 1.00	**0.180 J**	< 1.00	**1.20**	< 1.00	< 1.00
Vinyl Chloride	2011-12	ug/L	< 1.00												< 1.00
Vinyl Chloride	2012-02	ug/L	< 1.00												
Vinyl Chloride	2012-04	ug/L	< 1.00		**0.360 J**	**0.170 J**	< 1.00	< 1.00	**0.240 J**	**0.110 J**	< 1.00	< 1.00	< 1.00 J	< 1.00	< 1.00
Vinyl Chloride	2012-06	ug/L	< 1.00												
Vinyl Chloride	2012-08	ug/L	< 1.00												
Vinyl Chloride	2012-10	ug/L	< 1.00		**0.270 J**	**0.390 J**	< 1.00	**0.240 J**	**0.290 J**	< 1.00	**0.180 J**	< 1.00	**1.19**	< 1.00	< 1.00
Vinyl Chloride	2013-01	ug/L													
Vinyl Chloride	2013-04	ug/L	< 1.00		**2.96**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**0.229 J**	< 1.00	**0.498 J**	< 1.00	< 1.00
Vinyl Chloride	2013-06	ug/L													
Vinyl Chloride	2013-08	ug/L													
Vinyl Chloride	2013-10	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	**0.165 J**	**0.355 J**	< 1.00	< 1.00	< 1.00	**0.910 J**	< 1.00	< 1.00
Vinyl Chloride	2013-12	ug/L													
Vinyl Chloride	2014-03	ug/L	< 1.00		**0.194 J**	< 1.00	< 1.00	< 1.00	**0.379 J**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	2014-09	ug/L	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	2015-05	ug/L	**0.821 J**		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**1.8**	< 1	< 1
Vinyl Chloride	2015-10	ug/L	**0.856 J**		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**1.52**	< 1	< 1
Vinyl Chloride	2016-01	ug/L													
Vinyl Chloride	2016-04	ug/L	**1.02**	< 1	< 1	< 1	< 1	< 1	**0.239 J**	< 1	< 1	< 1	**2.43**	< 1	< 1
Vinyl Chloride	2016-07	ug/L		< 1											
Vinyl Chloride	2016-09	ug/L		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Chloride	2016-12	ug/L		< 1											
Vinyl Chloride	2017-03	ug/L		**0.439 J**	< 1	< 1	< 1	< 1	**0.279 J**	< 1	< 1	< 1	**1.55**	< 1	< 1
Vinyl Chloride	2017-08	ug/L	**0.711 J**	< 1	< 1	**0.915 J**	< 1	< 1	**0.343 J**	< 1	< 1	< 1	**0.804 J**	< 1	< 1
Vinyl Chloride	2017-11	ug/L													
Vinyl Chloride	2018-03	ug/L	**0.643 J**	< 1	**0.528 J**	**0.697 J**	< 1	**0.452 J**	**0.556 J**	< 1	**0.102 J**	< 1	**0.804 J**	< 1	< 1
Vinyl Chloride	2018-06	ug/L													
Vinyl Chloride	2018-09	ug/L	**0.802 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.791 J**	< 1	< 1
Vinyl Chloride	2018-11	ug/L													
Vinyl Chloride	2019-04	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	~~< 1~~

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Vinyl Acetate	2024-05	ug/L													
Vinyl Acetate	2024-09	ug/L		< 10	< 10	< 10							< 10		
Vinyl Acetate	2024-10	ug/L	< 10				< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10
Vinyl Acetate	2025-04	ug/L	< 10	< 10	< 10	< 10	< 10					< 10	< 10		
Vinyl Acetate	2025-10	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Chloride	2007-10	ug/L													
Vinyl Chloride	2008-01	ug/L													
Vinyl Chloride	2008-04	ug/L													
Vinyl Chloride	2008-07	ug/L													
Vinyl Chloride	2008-10	ug/L													
Vinyl Chloride	2009-04	ug/L													
Vinyl Chloride	2009-07	ug/L													
Vinyl Chloride	2009-10	ug/L													
Vinyl Chloride	2009-12	ug/L													
Vinyl Chloride	2010-02	ug/L													
Vinyl Chloride	2010-04	ug/L													
Vinyl Chloride	2010-06	ug/L													
Vinyl Chloride	2010-08	ug/L													
Vinyl Chloride	2010-10	ug/L													
Vinyl Chloride	2010-12	ug/L													
Vinyl Chloride	2011-02	ug/L													
Vinyl Chloride	2011-04	ug/L													
Vinyl Chloride	2011-06	ug/L													
Vinyl Chloride	2011-10	ug/L													
Vinyl Chloride	2011-12	ug/L													
Vinyl Chloride	2012-02	ug/L					**4.91**		**0.140 J**	< 1.00	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2012-04	ug/L					**20.2**		< 1.00	**0.220 J**	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2012-06	ug/L					**15.5**		< 1.00	**0.260 J**	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2012-08	ug/L					**8.88**		**0.130 J**	**0.130 J**	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2012-10	ug/L		< 1.00	< 1.00		**14.5**		**0.100 J**	**0.130 J**	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2013-01	ug/L		< 1.00	< 1.00										
Vinyl Chloride	2013-04	ug/L		< 1.00	< 1.00		**18.6**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2013-06	ug/L		< 1.00	< 1.00										
Vinyl Chloride	2013-08	ug/L		< 1.00	< 1.00										
Vinyl Chloride	2013-10	ug/L		< 1.00	< 1.00		**17.1**		< 1.00	**0.170 J**	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2013-12	ug/L		< 1.00	< 1.00										
Vinyl Chloride	2014-03	ug/L		< 1.00	< 1.00		**25.1**		< 1.00	**0.162 J**	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2014-09	ug/L		< 1.00	< 1.00		**23.4**		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00		
Vinyl Chloride	2015-05	ug/L		< 1	< 1		**21**		< 1	< 1	< 1	< 1	< 1		
Vinyl Chloride	2015-10	ug/L		< 1	< 1		**21.3**		< 1	< 1	< 1	**0.375 J**	< 1	**0.979 J**	< 1
Vinyl Chloride	2016-01	ug/L									< 1	**0.243 J**		**2.3**	< 1
Vinyl Chloride	2016-04	ug/L		< 1	< 1		**20.8**		< 1	< 1	< 1	< 1	< 1	**2.67**	< 1
Vinyl Chloride	2016-07	ug/L												**1.22**	< 1
Vinyl Chloride	2016-09	ug/L	< 1	< 1	< 1	< 1	**18.6**		< 1	< 1	< 1	< 1	< 1	**1.42**	< 1
Vinyl Chloride	2016-12	ug/L													
Vinyl Chloride	2017-03	ug/L	< 1	< 1	< 1	< 1	**22.9**		< 1	**0.147 J**	< 1	< 1	< 1	**4.55**	< 1
Vinyl Chloride	2017-08	ug/L	< 1	< 1	< 1	< 1	**16.3**	**1.68**	< 1	**0.213 J**	< 1	< 1	< 1	**2.82**	< 1
Vinyl Chloride	2017-11	ug/L						**2.74**							
Vinyl Chloride	2018-03	ug/L	< 1	< 1	< 1	< 1	**19.1**	**2.58**	< 1	< 1	**0.314 J**	< 1	< 1	**3.33**	< 1
Vinyl Chloride	2018-06	ug/L						**2.29**			< 1				
Vinyl Chloride	2018-09	ug/L	< 1	< 1	< 1	< 1	**14.9**	**3.4**	< 1	< 1	< 1	< 1	< 1	**3.64**	< 1
Vinyl Chloride	2018-11	ug/L							< 1						
Vinyl Chloride	2019-04	ug/L	< 1	< 1	< 1	< 1	**13.7**	**1.58**	< 1	< 1	< 1	< 1	~~< 1~~	**1.81**	< 1

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Vinyl Chloride	2019-05	ug/L		< 1											
Vinyl Chloride	2019-07	ug/L													
Vinyl Chloride	2019-10	ug/L	**0.249 J**	< 1	< 1	**0.298 J**	< 1	< 1	< 1	< 1	< 1	< 1	**0.856 J**	< 1	< 1
Vinyl Chloride	2020-04	ug/L		< 1	< 1	< 1	< 1	< 1	**0.243 J**	< 1	< 1	< 1	**1.4**	< 1	< 1
Vinyl Chloride	2020-10	ug/L	**0.282 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.997 J**	< 1	< 1
Vinyl Chloride	2021-05	ug/L	**0.416 J**	< 1	< 1	< 1	< 1	< 1	**0.231 J**	< 1	< 1	< 1	**1.62**	< 1	< 1
Vinyl Chloride	2021-10	ug/L		< 1	< 1	< 1	< 1	< 1	**0.285 J**	< 1	< 1	< 1	**0.689 J**	< 1	< 1
Vinyl Chloride	2022-04	ug/L		< 1		< 1						< 1	**0.319 J**		< 1
Vinyl Chloride	2022-10	ug/L	**1.18**	**0.374 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**1.12**	< 1	< 1
Vinyl Chloride	2023-05	ug/L	**0.443 J**	< 1		< 1				< 1		< 1	**1.11**		< 1
Vinyl Chloride	2023-08	ug/L								< 1					
Vinyl Chloride	2023-11	ug/L		< 1	< 1	< 1	< 1	< 1	**0.202 J**	< 1	< 1	< 1	**0.611 J**	< 1	< 1
Vinyl Chloride	2024-02	ug/L								< 1					
Vinyl Chloride	2024-04	ug/L		< 1									**0.666 J**		< 1
Vinyl Chloride	2024-05	ug/L				< 1						< 1			
Vinyl Chloride	2024-09	ug/L													
Vinyl Chloride	2024-10	ug/L	**0.381 J**	< 1	< 1	< 1	< 1	< 1	**0.438 J**	< 1	< 1	< 1	**0.46 J**	< 1	< 1
Vinyl Chloride	2025-04	ug/L	**0.383 J**	< 1		< 1						< 1	**0.561 J**		< 1
Vinyl Chloride	2025-10	ug/L		< 1	< 1	< 1	< 1	< 1	**0.793 J**	< 1	< 1	< 1	**0.227 J**	< 1	< 1
Xylenes, Total	2007-10	ug/L			< 3	< 3	< 3	< 15	< 3	< 3	< 3	< 3	< 3	< 3	
Xylenes, Total	2008-01	ug/L			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Xylenes, Total	2008-04	ug/L			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Xylenes, Total	2008-07	ug/L			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Xylenes, Total	2008-10	ug/L			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Xylenes, Total	2009-04	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	
Xylenes, Total	2009-07	ug/L							< 3.00			< 3.00			
Xylenes, Total	2009-10	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 4.00	< 4.00	< 3.00	< 3.00	< 4.00	< 3.00	
Xylenes, Total	2009-12	ug/L							< 6.00			< 6.00			
Xylenes, Total	2010-02	ug/L										< 3.00			
Xylenes, Total	2010-04	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	
Xylenes, Total	2010-06	ug/L										< 3.00			< 3.00
Xylenes, Total	2010-08	ug/L													< 3.00
Xylenes, Total	2010-10	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Xylenes, Total	2010-12	ug/L													< 3.00
Xylenes, Total	2011-02	ug/L													< 3.00
Xylenes, Total	2011-04	ug/L			< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Xylenes, Total	2011-06	ug/L											< 3.00		< 3.00
Xylenes, Total	2011-10	ug/L			< 3.00	**0.390 J**	< 3.00	< 3.00	< 3.00	< 3.00	**0.250 J**	< 3.00	< 3.00	< 3.00	< 3.00
Xylenes, Total	2011-12	ug/L	< 3.00 J												< 3.00 J
Xylenes, Total	2012-02	ug/L	< 3.00												
Xylenes, Total	2012-04	ug/L	< 3.00		< 3.00 J	< 3.00 J	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00 J	< 3.00	< 3.00
Xylenes, Total	2012-06	ug/L	< 3.00												
Xylenes, Total	2012-08	ug/L	< 3.00												
Xylenes, Total	2012-10	ug/L	< 3.00		< 3.00	**0.170 J**	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Xylenes, Total	2013-01	ug/L													
Xylenes, Total	2013-04	ug/L	< 3.00		< 3.00	**0.184 J**	< 3.00	< 3.00	< 3.00	< 3.00	**0.221 J**	< 3.00	< 3.00	< 3.00	< 3.00
Xylenes, Total	2013-06	ug/L													
Xylenes, Total	2013-08	ug/L													
Xylenes, Total	2013-10	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Xylenes, Total	2013-12	ug/L													
Xylenes, Total	2014-03	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Xylenes, Total	2014-09	ug/L	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Xylenes, Total	2015-05	ug/L	< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Vinyl Chloride	2019-05	ug/L													
Vinyl Chloride	2019-07	ug/L										< 1			
Vinyl Chloride	2019-10	ug/L	< 1	< 1	< 1	< 1	**9.3**	**2.8**	< 1	< 1	< 1	< 1	< 1	**0.639 J**	< 1
Vinyl Chloride	2020-04	ug/L	< 1	< 1	< 1	< 1	**11.3**	**2.24**	< 1	**0.263 J**	**0.2 J**	**0.501 J**	< 1	**1.09**	< 1
Vinyl Chloride	2020-10	ug/L	< 1	< 1	< 1	< 1	**8.92**	**4.2**	< 1	< 1	< 1	< 1	< 1	**0.549 J**	< 1
Vinyl Chloride	2021-05	ug/L	< 1	< 1	< 1	< 1	**8.02**	**0.927 J**	< 1	< 1	**0.35 J**	< 1	< 1	**0.186 J**	< 1
Vinyl Chloride	2021-10	ug/L	< 1	< 1	< 1	< 1	**5.9**	**0.677 J**	< 1	< 1	**0.35 J**	< 1	< 1	**0.347 J**	< 1
Vinyl Chloride	2022-04	ug/L	< 1	< 1	< 1	< 1	**6.87**					< 1	< 1		
Vinyl Chloride	2022-10	ug/L	< 1	< 1	< 1	< 1	**8.28**	**1.4**	< 1	**0.19 J**	< 1	< 1	< 1	**0.5 J**	< 1
Vinyl Chloride	2023-05	ug/L	< 1	< 1	< 1	< 1	**6.29**			**0.189 J**		< 1	< 1		
Vinyl Chloride	2023-08	ug/L								< 1					
Vinyl Chloride	2023-11	ug/L	< 1	< 1	< 1	< 1	**4.24**	**0.504 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Chloride	2024-02	ug/L								< 1					
Vinyl Chloride	2024-04	ug/L	< 1	< 1	< 1	< 1	**4.92**					< 1	< 1		
Vinyl Chloride	2024-05	ug/L													
Vinyl Chloride	2024-09	ug/L		< 1	< 1	< 1							< 1		
Vinyl Chloride	2024-10	ug/L	< 1				**5.57**	**0.465 J**	< 1	**0.22 J**	**0.229 J**	**0.197 J**		**0.296 J**	< 1
Vinyl Chloride	2025-04	ug/L	< 1	< 1	< 1	< 1	**5.58**					< 1	< 1		
Vinyl Chloride	2025-10	ug/L	< 1	< 1	< 1	< 1	**3.43**	**0.289 J**	< 1	< 1	< 1	< 1	< 1	**0.351 J**	< 1
Xylenes, Total	2007-10	ug/L													
Xylenes, Total	2008-01	ug/L													
Xylenes, Total	2008-04	ug/L													
Xylenes, Total	2008-07	ug/L													
Xylenes, Total	2008-10	ug/L													
Xylenes, Total	2009-04	ug/L													
Xylenes, Total	2009-07	ug/L													
Xylenes, Total	2009-10	ug/L													
Xylenes, Total	2009-12	ug/L													
Xylenes, Total	2010-02	ug/L													
Xylenes, Total	2010-04	ug/L													
Xylenes, Total	2010-06	ug/L													
Xylenes, Total	2010-08	ug/L													
Xylenes, Total	2010-10	ug/L													
Xylenes, Total	2010-12	ug/L													
Xylenes, Total	2011-02	ug/L													
Xylenes, Total	2011-04	ug/L													
Xylenes, Total	2011-06	ug/L													
Xylenes, Total	2011-10	ug/L													
Xylenes, Total	2011-12	ug/L													
Xylenes, Total	2012-02	ug/L					< 3.00		**0.160 J**	**0.140 J**	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2012-04	ug/L					< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2012-06	ug/L					< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2012-08	ug/L					**1.04 J**		**0.130 J**	< 3.00	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2012-10	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2013-01	ug/L		< 3.00	< 3.00										
Xylenes, Total	2013-04	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2013-06	ug/L		< 3.00	< 3.00										
Xylenes, Total	2013-08	ug/L		< 3.00	< 3.00										
Xylenes, Total	2013-10	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2013-12	ug/L		< 3.00	< 3.00										
Xylenes, Total	2014-03	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	**0.236 J**	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2014-09	ug/L		< 3.00	< 3.00		< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	< 3.00		
Xylenes, Total	2015-05	ug/L		< 3	< 3		< 3		< 3	< 3	< 3	< 3	< 3		

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Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Xylenes, Total	2015-10	ug/L	< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2016-01	ug/L													
Xylenes, Total	2016-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2016-07	ug/L		< 3											
Xylenes, Total	2016-09	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2016-12	ug/L		< 3											
Xylenes, Total	2017-03	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2017-08	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2017-11	ug/L													
Xylenes, Total	2018-03	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2018-06	ug/L													
Xylenes, Total	2018-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2018-11	ug/L													
Xylenes, Total	2019-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	~~< 3~~
Xylenes, Total	2019-05	ug/L		< 3											
Xylenes, Total	2019-07	ug/L													
Xylenes, Total	2019-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2020-04	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2020-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2021-05	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2021-10	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2022-04	ug/L		< 3		< 3						< 3	< 3		< 3
Xylenes, Total	2022-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2023-05	ug/L	< 3	< 3		< 3				< 3		< 3	< 3		< 3
Xylenes, Total	2023-08	ug/L								< 3					
Xylenes, Total	2023-11	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2024-02	ug/L								< 3					
Xylenes, Total	2024-04	ug/L		< 3									< 3		< 3
Xylenes, Total	2024-05	ug/L				< 3						< 3			
Xylenes, Total	2024-09	ug/L													
Xylenes, Total	2024-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2025-04	ug/L	< 3	< 3		< 3						< 3	< 3		< 3
Xylenes, Total	2025-10	ug/L		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Zinc	2007-10	mg/L			**0.0599**	**0.0489**	**0.0457**	**0.0308**	**0.0574**	**0.0616**	**0.0412**	**0.209**	**0.0273**	**0.0475**	
Zinc	2008-01	mg/L			< 0.02	< 0.02	**0.0333**	**0.0654**	< 0.02	< 0.02	**0.0224**	< 0.02	**0.0554**	< 0.02	
Zinc	2008-04	mg/L			< 0.02	< 0.02	**0.0954**	< 0.02	**0.0481**	< 0.02	< 0.02	**0.0796**	< 0.02	**0.0619**	
Zinc	2008-07	mg/L			**0.115**	**0.0299**	**0.0881**	< 0.02	**0.0623**	**0.0811**	**0.0701**	**0.153**	**0.0484**	**0.0623**	
Zinc	2008-10	mg/L			**0.0385**	< 0.02	**0.0309**	< 0.02	**0.0237**	**0.0277**	**0.0372**	**0.0549**	< 0.02	**0.0345**	
Zinc	2009-04	mg/L			**0.0482**	**0.0276**	**0.0614**	**0.0440**	**0.0519**	**0.0511**	**0.0410**	**0.170**	**0.0283**	**0.0334**	
Zinc	2009-07	mg/L							**0.0796**			**0.0941**			
Zinc	2009-10	mg/L			**0.0642**	**0.0304**	**0.0484**	**0.0313**	**0.0487**	**0.0586**	**0.0559**	**0.0398**	**0.0373**	**0.0362**	
Zinc	2009-12	mg/L							**0.0564**			**0.108**			
Zinc	2010-02	mg/L										**0.0935**			
Zinc	2010-04	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.124**	< 0.0200	< 0.0200	
Zinc	2010-06	mg/L										**0.0326**			**0.0424**
Zinc	2010-08	mg/L													**0.0679**
Zinc	2010-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.0211**	< 0.0200	< 0.0200	**0.344**
Zinc	2010-12	mg/L													**0.0533**
Zinc	2011-02	mg/L													**0.0705**
Zinc	2011-04	mg/L			**0.0736**	< 0.0200	**0.0223**	**0.0415**	< 0.0200	< 0.0200	**0.0246**	**0.0577**	< 0.0200	**0.0301**	< 0.0200
Zinc	2011-06	mg/L											< 0.0200		**0.0307**
Zinc	2011-10	mg/L			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.0154 J**	< 0.0200
Zinc	2011-12	mg/L	< 0.0200												**0.0301**

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Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Xylenes, Total	2015-10	ug/L		< 3	< 3		< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2016-01	ug/L									< 3	< 3		< 3	< 3
Xylenes, Total	2016-04	ug/L		< 3	< 3		< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2016-07	ug/L												< 3	< 3
Xylenes, Total	2016-09	ug/L	< 3	< 3	< 3	< 3	< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2016-12	ug/L													
Xylenes, Total	2017-03	ug/L	< 3	< 3	< 3	< 3	< 3		< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2017-08	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2017-11	ug/L						< 3							
Xylenes, Total	2018-03	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2018-06	ug/L						< 3			< 3				
Xylenes, Total	2018-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2018-11	ug/L							< 3						
Xylenes, Total	2019-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	~~< 3~~	< 3	< 3
Xylenes, Total	2019-05	ug/L													
Xylenes, Total	2019-07	ug/L										< 3			
Xylenes, Total	2019-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2020-04	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2020-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2021-05	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2021-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2022-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Xylenes, Total	2022-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2023-05	ug/L	< 3	< 3	< 3	< 3	< 3			< 3		< 3	< 3		
Xylenes, Total	2023-08	ug/L								< 3					
Xylenes, Total	2023-11	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2024-02	ug/L								< 3					
Xylenes, Total	2024-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Xylenes, Total	2024-05	ug/L													
Xylenes, Total	2024-09	ug/L		< 3	< 3	< 3							< 3		
Xylenes, Total	2024-10	ug/L	< 3				< 3	< 3	< 3	< 3	< 3	< 3		< 3	< 3
Xylenes, Total	2025-04	ug/L	< 3	< 3	< 3	< 3	< 3					< 3	< 3		
Xylenes, Total	2025-10	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Zinc	2007-10	mg/L													
Zinc	2008-01	mg/L													
Zinc	2008-04	mg/L													
Zinc	2008-07	mg/L													
Zinc	2008-10	mg/L													
Zinc	2009-04	mg/L													
Zinc	2009-07	mg/L													
Zinc	2009-10	mg/L													
Zinc	2009-12	mg/L													
Zinc	2010-02	mg/L													
Zinc	2010-04	mg/L													
Zinc	2010-06	mg/L													
Zinc	2010-08	mg/L													
Zinc	2010-10	mg/L													
Zinc	2010-12	mg/L													
Zinc	2011-02	mg/L													
Zinc	2011-04	mg/L													
Zinc	2011-06	mg/L													
Zinc	2011-10	mg/L													
Zinc	2011-12	mg/L													

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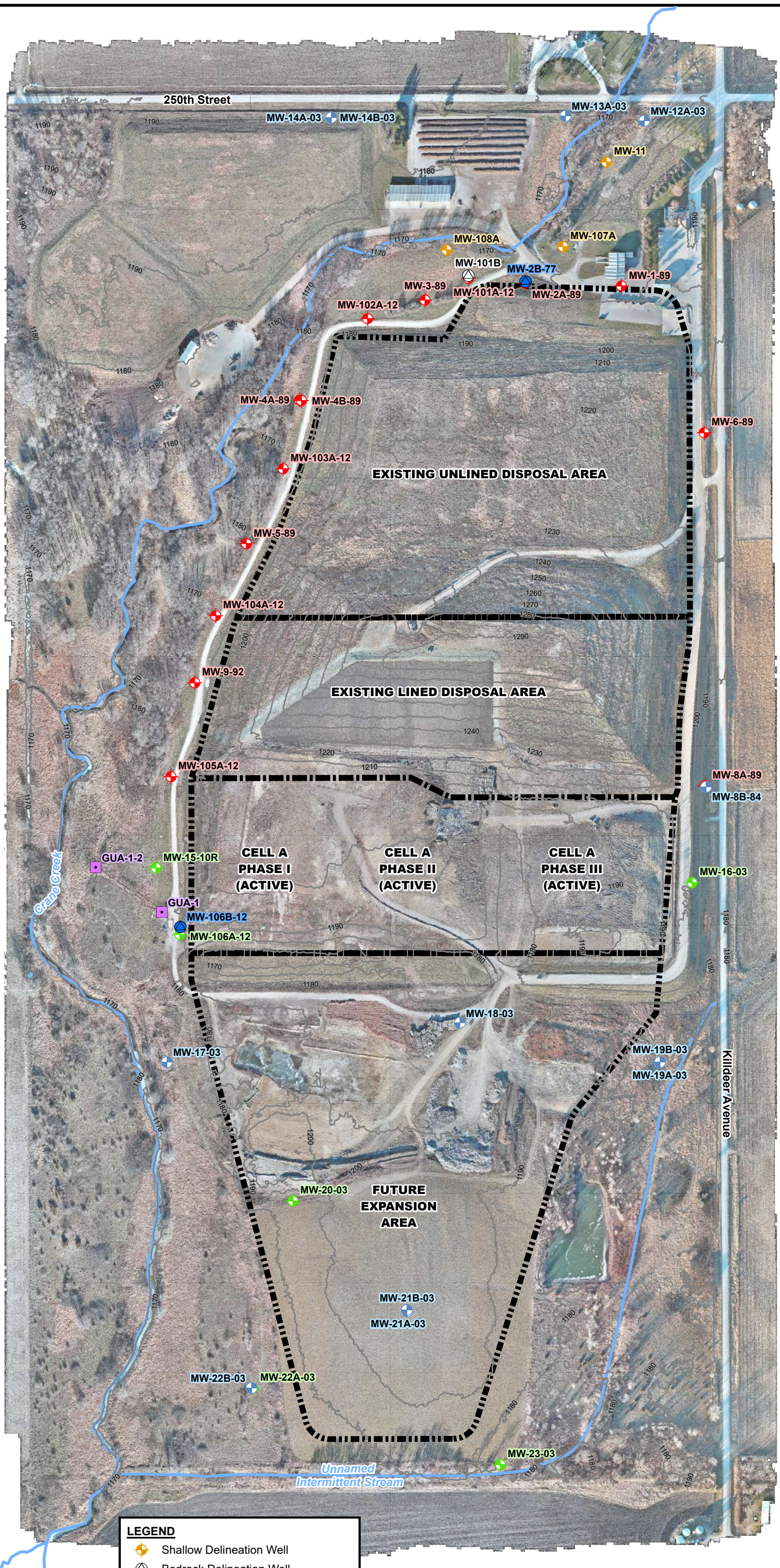
Constituent	Date	Units	GUA-1 (DwnGrad)	GUA-1-2 (DwnGrad)	MW-1-89 (DwnGrad)	MW-2A-89 (DwnGrad)	MW-3-89 (DwnGrad)	MW-4A-89 (DwnGrad)	MW-4B-89 (DwnGrad)	MW-5-89 (DwnGrad)	MW-6-89 (DwnGrad)	MW-8A-89 (DwnGrad)	MW-9-92 (DwnGrad)	MW-11 (Delin)	MW-15-10R (Bkgrnd)
Zinc	2012-02	mg/L	**0.00132 J**												
Zinc	2012-04	mg/L	**0.00665 J**		< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	**0.00460 J**	< 0.0250	< 0.0250	< 0.0250
Zinc	2012-06	mg/L													
Zinc	2012-08	mg/L	< 0.00500 J												
Zinc	2012-10	mg/L	**0.00340 J**		< 0.0500	**0.0390 J**	< 0.0500	< 0.1	< 0.0500	**0.00228 J**	< 0.0500	< 0.0500	**0.00331 J**	< 0.0500	**0.00344 J**
Zinc	2013-01	mg/L													
Zinc	2013-04	mg/L	**0.00850**		**0.00548**	< 0.00500	**0.00528**	**0.00998**	< 0.00500 J	**0.0100**	**0.00869**	< 0.00500 J	**0.00708**	< 0.00500 J	< 0.00500 J
Zinc	2013-06	mg/L													
Zinc	2013-08	mg/L													
Zinc	2013-10	mg/L	**0.00328 J**		**0.00325 J**	**0.00417 J**	**0.0114**	**0.00733 J**	**0.00245 J**	< 0.0100	**0.00252 J**	**0.00489 J**	**0.00221 J**	**0.00513 J**	**0.00516 J**
Zinc	2013-12	mg/L													
Zinc	2014-03	mg/L	**0.0323**		< 0.0100 J	< 0.0100 J	**0.0102**	< 0.0100 J	**0.0219**	< 0.0100 J	< 0.0100 J	< 0.0100 J	< 0.0100 J	< 0.0100 J	**0.0184**
Zinc	2014-09	mg/L	< 0.0100		**0.00833 J**	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Zinc	2015-05	mg/L	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc	2015-10	mg/L	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**0.00764 J**	< 0.01	< 0.01
Zinc	2016-01	mg/L													
Zinc	2016-04	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	**0.0755 J**	< 0.01	**0.00883 J**	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc	2016-07	mg/L		< 0.01											
Zinc	2016-09	mg/L		< 0.01	< 0.01	< 0.01	**0.0156**	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc	2016-12	mg/L		< 0.01											
Zinc	2017-03	mg/L		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2017-08	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2018-03	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2018-06	mg/L													
Zinc	2018-09	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2018-11	mg/L													
Zinc	2019-04	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		~~< 0.02~~
Zinc	2019-07	mg/L													
Zinc	2019-10	mg/L	**0.011 J**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2020-04	mg/L		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2020-10	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2021-05	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc	2021-10	mg/L		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2022-04	mg/L		< 0.02		< 0.02						< 0.02	< 0.02		< 0.02
Zinc	2022-10	mg/L	< 0.02	< 0.02	**0.0148 J**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2023-05	mg/L	< 0.02	< 0.02		< 0.02				**0.00755 J**		< 0.02	< 0.02		< 0.02
Zinc	2023-08	mg/L								< 0.02					
Zinc	2023-11	mg/L		< 0.02	**0.00706 J**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.00669 J**	< 0.02	< 0.02		< 0.02
Zinc	2024-02	mg/L								< 0.02					
Zinc	2024-04	mg/L		< 0.02									< 0.02		< 0.02
Zinc	2024-05	mg/L				< 0.02						< 0.02			
Zinc	2024-09	mg/L													
Zinc	2024-10	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
Zinc	2025-04	mg/L	< 0.02	< 0.02		< 0.02						< 0.02	< 0.02		< 0.02
Zinc	2025-10	mg/L		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02

Landfill of North Iowa
Permit No. 17-SDP-01-75P

Table 14
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	MW-16-03 (Bkgrnd)	MW-20-03 (Bkgrnd)	MW-22A-03 (Bkgrnd)	MW-23-03 (Bkgrnd)	MW-101A-12 (DwnGrad)	MW-101B (Delin)	MW-102A-12 (DwnGrad)	MW-103A-12 (DwnGrad)	MW-104A-12 (DwnGrad)	MW-105A-12 (DwnGrad)	MW-106A-12 (Bkgrnd)	MW-107A (Delin)	MW-108A (Delin)
Zinc	2012-02	mg/L					**0.00267 J**		**0.00867**	**0.0127**	**0.00999**	**0.0344**	**0.0105**		
Zinc	2012-04	mg/L					< 0.0250		< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250		
Zinc	2012-06	mg/L					**0.00887**		**0.00968**	**0.00430 J**	**0.00302 J**	**0.00541**	**0.00197 J**		
Zinc	2012-08	mg/L					**0.00496 J**		< 0.00500	**0.0198**	**0.00755**	**0.0344**	**0.00910**		
Zinc	2012-10	mg/L		< 0.0500	< 0.1		< 0.0500		**0.0193**	**0.00750**	**0.00260 J**	**0.00451 J**	**0.00163 J**		
Zinc	2013-01	mg/L		**0.0378**	**0.0539**										
Zinc	2013-04	mg/L		**0.0442**	**0.0118**		< 0.00500 J		**0.00631**	**0.00657**	**0.00614**	< 0.00500 J	**0.0144**		
Zinc	2013-06	mg/L		< 0.0250 J	< 0.0250 J										
Zinc	2013-08	mg/L		< 0.00500 J	< 0.00500 J										
Zinc	2013-10	mg/L		**0.00607 J**	**0.0103**		**0.00258 J**		**0.0164**	**0.00432 J**	**0.00270 J**	**0.00218 J**	**0.00350 J**		
Zinc	2013-12	mg/L		**0.00646 J**	**0.00588 J**										
Zinc	2014-03	mg/L		< 0.0100 J	< 0.0100 J		< 0.0100 J		< 0.0100 J	< 0.0100 J	< 0.0100 J	< 0.0100 J	< 0.0100 J		
Zinc	2014-09	mg/L		< 0.0100	< 0.0100		**0.0107**		**0.00949 J**	**0.0419**	< 0.0100	< 0.0100	< 0.0100		
Zinc	2015-05	mg/L		< 0.01	< 0.01		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Zinc	2015-10	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Zinc	2016-01	mg/L									< 0.01	< 0.01			
Zinc	2016-04	mg/L	< 0.01	**0.0325**	< 0.01	**0.00528 J**	< 0.01		< 0.01	< 0.01	< 0.01	**0.00627 J**	< 0.01		
Zinc	2016-07	mg/L													
Zinc	2016-09	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Zinc	2016-12	mg/L													
Zinc	2017-03	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2017-08	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2018-03	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2018-06	mg/L									< 0.02				
Zinc	2018-09	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2018-11	mg/L							< 0.02						
Zinc	2019-04	mg/L	< 0.02	< 0.02	**0.00916 J**	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	~~< 0.02~~		
Zinc	2019-07	mg/L										< 0.02			
Zinc	2019-10	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2020-04	mg/L	< 0.02	**0.0125 J**	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2020-10	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	**0.0177 J**	< 0.02	< 0.02	< 0.02		
Zinc	2021-05	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2021-10	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2022-04	mg/L	< 0.08	< 0.02	< 0.02	< 0.02	< 0.02					< 0.02	< 0.02		
Zinc	2022-10	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2023-05	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			< 0.02		< 0.02	< 0.02		
Zinc	2023-08	mg/L								**0.00657 J**					
Zinc	2023-11	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		**0.0105 J**	< 0.02	< 0.02	< 0.02	< 0.02		
Zinc	2024-02	mg/L								< 0.02					
Zinc	2024-04	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02					< 0.02	< 0.02		
Zinc	2024-05	mg/L													
Zinc	2024-09	mg/L		< 0.02	< 0.02	< 0.02							< 0.02		
Zinc	2024-10	mg/L	< 0.02				< 0.02		< 0.02	< 0.02	< 0.02	< 0.02			
Zinc	2025-04	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02					< 0.02	< 0.02		
Zinc	2025-10	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		

Figures



LEGEND

- Shallow Delineation Well
- Bedrock Delineation Well
- Bedrock Water Level Monitoring Well
- Water Level Monitoring Well
- Shallow Monitoring Wells
- Shallow Background Well
- Groundwater Underdrain Locations
- 10' Ground Surface Contours
- Waste Boundaries

NOTES:

1. Date of Aerial Imagery Acquisition: November, 2023.
2. Coordinate system is: NAD83(2011) Iowa North Zone, US feet. Vertical Datum is NAVD88.

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

Foth

N

0 200 400 Feet

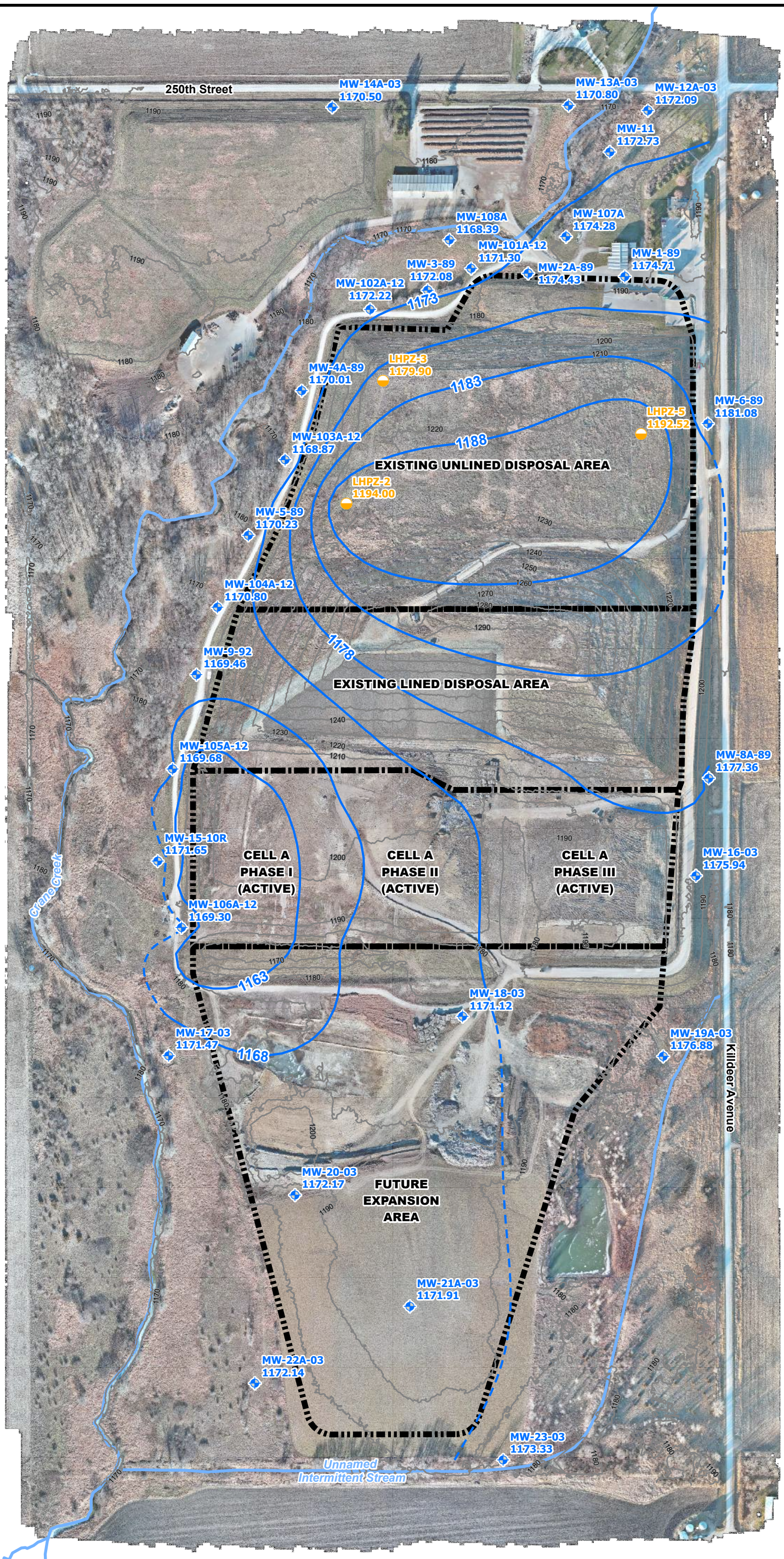
LANDFILL OF NORTH IOWA

FIGURE 1

GROUNDWATER MONITORING NETWORK

Date: FEBRUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: GMW	Project: 26L005.00

Path: Q:\Landfill of North Iowa\26L005.00\GIS\aprx\2025 AWQR.aprx Date: 2/24/2026



NOTES:

1. Date of Aerial Imagery Acquisition: November, 2023.
2. Coordinate system is: NAD83(2011) Iowa North Zone, US feet. Vertical Datum is NAVD88.

LEGEND

- Shallow Monitoring Well
- Leachate Monitoring Location
- Groundwater Contour
- Inferred Groundwater Contour
- 10' Ground Surface Contours
- Waste Boundaries

Foth

N

0 200 400 Feet

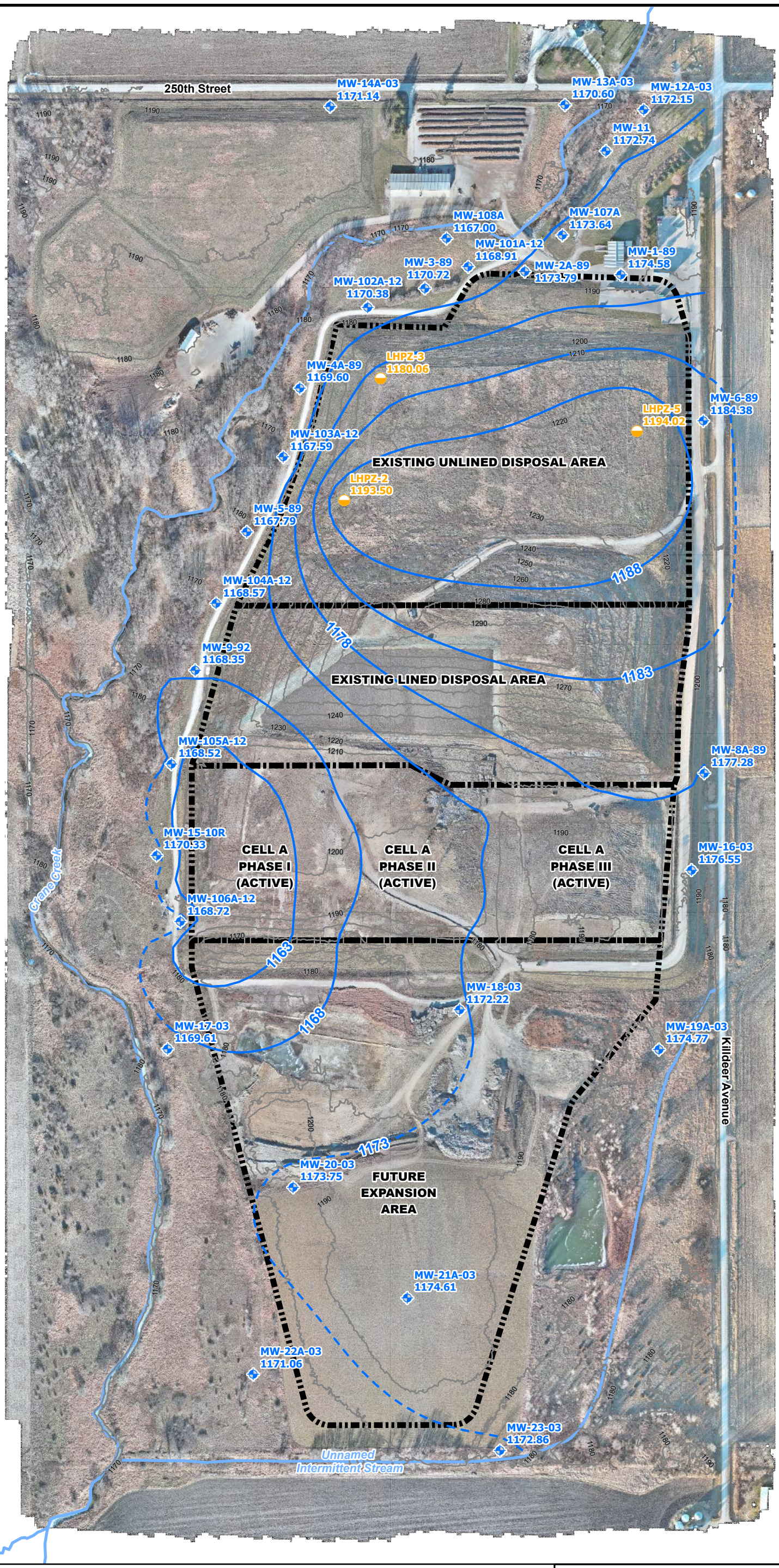
LANDFILL OF NORTH IOWA

FIGURE 2

Water Table Contour Map
– April 2025

Date: FEBRUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: GMW	Project: 26L005.00

Path: Q:\Landfill of North Iowa\26L005.00\GIS\aprx\2025 AWQR.aprx Date: 3/25/2026



NOTES:

1. Date of Aerial Imagery Acquisition: November, 2023.
2. Coordinate system is: NAD83(2011) Iowa North Zone, US feet. Vertical Datum is NAVD88.

LEGEND

- Shallow Monitoring Well
- Leachate Monitoring Location
- Groundwater Contour
- Inferred Groundwater Contour
- 10' Ground Surface Contours
- Waste Boundaries

Foth

N

0 200 400 Feet

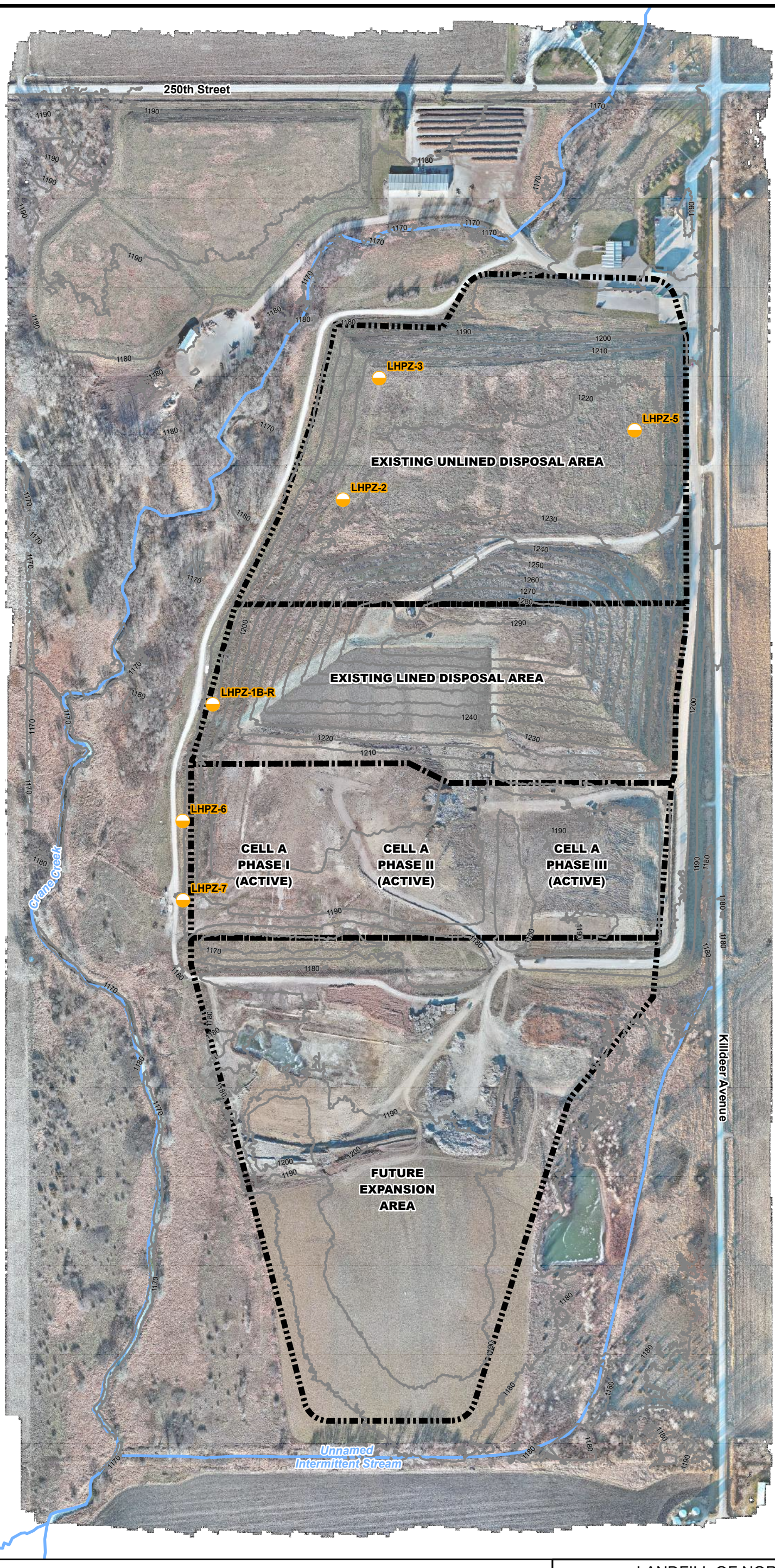
LANDFILL OF NORTH IOWA

FIGURE 3

Water Table Contour Map
– October 2025

Date: FEBRUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: GMW	Project: 26L005.00

Path: Q:\Landfill of North Iowa\26L005.00\GIS\aprx\2025 AWQR.aprx Date: 3/25/2026



NOTES:

1. Date of Aerial Imagery Acquisition: November, 2023.
2. Coordinate system is: NAD83(2011) Iowa North Zone, US feet. Vertical Datum is NAVD88.

LEGEND

- Leachate Monitoring Location
- 10' Ground Surface Contours
- Waste Boundaries

N

0 200 400 Feet

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

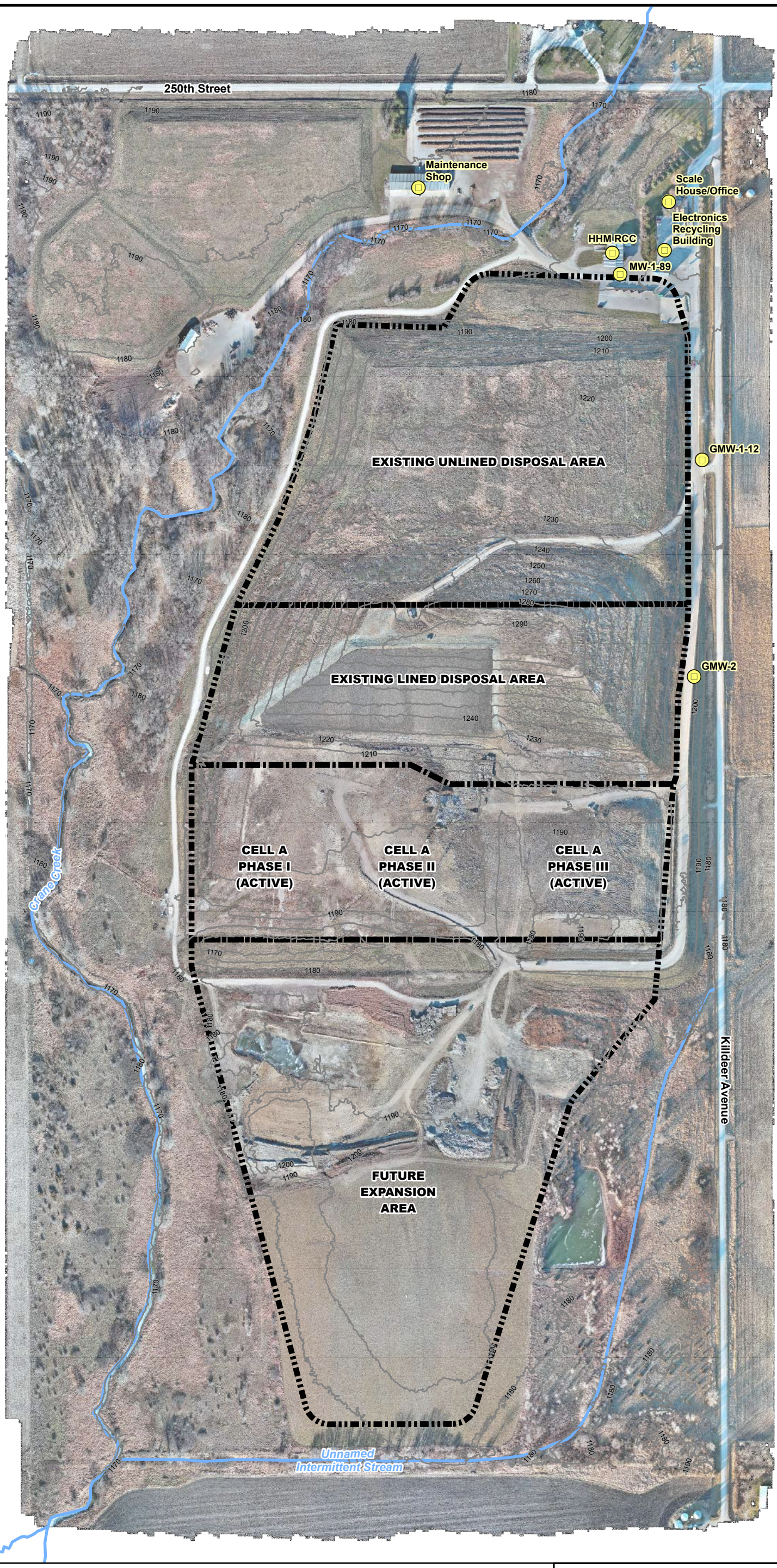
LANDFILL OF NORTH IOWA

FIGURE 4

LEACHATE MONITORING LOCATIONS

Date: FEBRUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: GMW	Project: 26L005.00

Path: Q:\Landfill of North Iowa\26L005.00\GIS\aprx\2025 AWQR.aprx Date: 2/24/2026



NOTES:

1. Date of Aerial Imagery Acquisition: November, 2023.
2. Coordinate system is: NAD83(2011) Iowa North Zone, US feet. Vertical Datum is NAVD88.

LEGEND

- Methane Monitoring Location
- 10' Ground Surface Contours
- Waste Boundaries

N

Foth

0 200 400 Feet

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

LANDFILL OF NORTH IOWA

FIGURE 5

METHANE MONITORING NETWORK

Date: FEBRUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: GMW	Project: 26L005.00

Path: Q:\Landfill of North Iowa\26L005.00\GIS\aprx\2025 AWQR.aprx Date: 2/24/2026

Appendix A

Reporting Period Monitoring Documentation
February, April, and October 2025

IDNR Forms 542-1322
Laboratory Analytical Reports (with Chain of Custody)
Data Validation Reports
Updated Data Validation Standard Operating Procedure

February 2025 Sampling Event

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-105A-12	Weather:	Cloudy, 32°F, NE wind @ 18-20 mph, 28.62" Hg
Date:	2/3/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1176.74

Top of screen (ft. MSL): 1171.89 Materials: PVC Top of Casing elevation (ft. MSL): 1179.19

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	10.88	10.88	10.88
Water elevation (ft. MSL)	1168.31	1168.31	1168.31

3 Well Volumes (gal): 3.5 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.96	18.19	0.23

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1166.19 Flow Rate (mL/min): 225 Volume removed (gal): 1.0 Volume sampled (L): 0.12

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-105A-12_25_02	USEPA 8260D - 1,1-Dichloroethane	(3) VOA Vial 40 mL - HCl	No

Field Analysis

			Final Reading
Elapsed Time	5:00	6:00	7:00
Temp (°C)	8.14	8.21	8.18
Sp. Cond (umhos/cm)	1001.9	1003.3	1004.0
pH	6.94	6.96	6.95
DO (mg/l)	0.04	0.03	0.03
ORP (mV)	25.3	29.4	20.4
Turbidity (NTU)	0.00	0.00	0.00

Comments:

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Wilming
Foth Infrastructure & Environment, LLC
411 6th Avenue SE
Suite 400
Cedar Rapids, Iowa 52401

Generated 2/7/2025 5:17:26 AM

JOB DESCRIPTION

Landfill of North Iowa (LNI) Groundwater

JOB NUMBER

310-299745-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

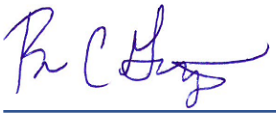
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
2/7/2025 5:17:26 AM

Authorized for release by
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Brian.Graettinger@et.eurofinsus.com
Designee for
Conner Calhoun, Client Service Manager
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(319)277-2401

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Receipt Checklists 18

Job ID: 310-299745-1 Eurofins Cedar Falls

Job Narrative
310-299745-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/4/2025 2:03 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.3°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-299745-1	MW-105A012_25_02	Water	02/03/25 11:54	02/04/25 14:03
310-299745-2	TB-1_25_02	Water	02/03/25 00:00	02/04/25 14:03

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Client Sample ID: MW-105A012_25_02 **Lab Sample ID: 310-299745-1**

No Detections.

Client Sample ID: TB-1_25_02 **Lab Sample ID: 310-299745-2**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Client Sample ID: MW-105A012_25_02
Lab Sample ID: 310-299745-1
Date Collected: 02/03/25 11:54
Matrix: Water
Date Received: 02/04/25 14:03

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			02/05/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*02/05/25 16:12*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 130*		*02/05/25 16:12*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*02/05/25 16:12*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Client Sample ID: TB-1_25_02
Lab Sample ID: 310-299745-2
Date Collected: 02/03/25 00:00
Matrix: Water
Date Received: 02/04/25 14:03

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			02/05/25 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*02/05/25 12:56*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 130*		*02/05/25 12:56*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*02/05/25 12:56*	*1*

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		BFB	DBFM	TOL					
Lab Sample ID	Client Sample ID	(80-120)	(73-130)	(80-120)					
310-299745-1	MW-105A012_25_02	102	105	99					
310-299745-2	TB-1_25_02	104	111	95					
LCS 310-446194/6	Lab Control Sample	102	97	101					
MB 310-446194/5	Method Blank	103	111	95					

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-446194/5
Matrix: Water
Analysis Batch: 446194

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			02/05/25 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*02/05/25 10:23*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 130*		*02/05/25 10:23*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*02/05/25 10:23*	*1*

Lab Sample ID: LCS 310-446194/6
Matrix: Water
Analysis Batch: 446194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethane			20.0	19.43		ug/L		97	70 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*73 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*

QC Association Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

GC/MS VOA

Analysis Batch: 446194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-299745-1	MW-105A012_25_02	Total/NA	Water	8260D	
310-299745-2	TB-1_25_02	Total/NA	Water	8260D	
MB 310-446194/5	Method Blank	Total/NA	Water	8260D	
LCS 310-446194/6	Lab Control Sample	Total/NA	Water	8260D	

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Client Sample ID: MW-105A012_25_02
Lab Sample ID: 310-299745-1

Date Collected: 02/03/25 11:54
Matrix: Water
Date Received: 02/04/25 14:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	446194	WSE8	EET CF	02/05/25 16:12

Client Sample ID: TB-1_25_02
Lab Sample ID: 310-299745-2

Date Collected: 02/03/25 00:00
Matrix: Water
Date Received: 02/04/25 14:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	446194	WSE8	EET CF	02/05/25 12:56

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Accreditation/Certification Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

Method Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299745-1
Project/Site: Landfill of North Iowa (LNI) Groundwater

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

eurofins | Environment Testing America

310-299745 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 2-4-25 | TIME 1402 | Received By: CR

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☐ Yes ☒ No *If yes:* Cooler # _____ of _____

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

All

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: 2 | Correction Factor (°C): 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): -0.3 | Corrected Temp (°C): -0.3

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☒ No

NOTE If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 1 **of** 1

COC Number: 1-3865545471-012225-751463

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To:	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005.00
Phone: (319) 365-9565	P O.		Profile #:
Email Addresses: gina wilming@foth com	Project Name: Landfill of North Iowa Groundwater	Regulatory Agency: Iowa DNR	Sampling Team Members. Gina Wilming
hannah dubbs@foth com	Task #: 25L005_25_02	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: N 1 1-Dichloroethane	Filtered (Y/N)	REMARKS / Lab ID
1	MW-105A-12_25_02	MW-105A-12	WG	G	2/3/25	1154	2				3				X		
2	TB-1_25_02	Trip Blank	WQ	G	2/3/25	00:00	2				3				X		
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Gina Wilming	2/4/25	1403			
				CC 2-4-25 1403		

SAMPLE CONDITION:	
Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Gina Wilming

SIGNATURE of SAMPLER: Gina Wilming

DATE Signed: 2/4/25

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-299745-1

Login Number: 299745

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Hirsch, Preston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Data Validation Report

Project Name:	Landfill of North Iowa (25L005.00)
Task Name:	25L005_25_02
Data Set Description:	Winter 2025 Groundwater Resampling Event
Laboratory(s):	Eurofins – Cedar Falls, IA
Laboratory Sample Delivery Group (SDG) ID(s):	310-299745-1
Sample Collection Dates:	2/3/2025
Sample Analysis Dates:	2/5/2025
Sample Matrices:	Groundwater
Sample IDs Reviewed:	See Table 1
Verification and Validation Stage, 100% data:	☐ 1 ☒ 2A ☐ 2B ☐ 3 ☐ 4
Verified and Validated By:	Hannah Dubbs, Project Environmental Scientist 2/12/2025

The analytical data were validated to verify that laboratory quality assurance and quality control (QA/QC) procedures were documented and to evaluate the overall quality of the data reported. Analytical reports include 1 investigative groundwater sample collected via low-flow sampling technique at the Landfill of North Iowa (LNI) on February 3, 2025; samples are listed in Table 1. The data were collected in accordance with the *Hydrologic Monitoring System Plan* (AECOM, 2013), Iowa Department of Natural Resources (IDNR) Sanitary Disposal Permit Number 17-SDP-01-75P (including Revisions), and 567 Iowa Administrative Code (IAC) 113.10.

Validation Summary

Stage 2A data validation was performed on 100% of the data from these Sample Delivery Groups (SDGs), with review tasks and items of note documented in the summary table below.

Validation Task and Description	Review Notes	Action
Chain of Custody (COC) and Sample Receipt Form Confirm relinquish & receipt signatures. Confirm parameters and analytical methods match COC and Hydrologic Monitoring System Plan (HMSP).	All appropriate relinquish and receipt signatures were present. Parameters and analytical methods match the COC and current sampling plan. Eurofins inadvertently labeled sample MW-105A-12_25_02 as MW-105A012_25_02 in laboratory report 310-299745-1. Foth did not request a revised report. The sample name will be corrected in the laboratory electronic data deliverable (EDD) prior to data upload.	Mislabeled sample ID will be updated in the lab EDD prior to data upload.
Case Narrative Review for items noted by the laboratory that may impact the validation process.	The quality control issues noted in the case narrative were reviewed and found acceptable. Issues either were addressed in the Review Notes below, had no impact on investigative samples, or were corrected/qualified by the laboratory. No additional actions are required. Note: Continuing calibration verification (CCV) and internal calibration verification (ICV) evaluation is not part of Stage 2A validation.	Not applicable

Validation Task and Description	Review Notes	Action
Sample Condition Upon Receipt (SCUR) Confirm samples in acceptable condition and no discrepancies noted. Confirm preservation meets method requirements.	Samples were received by Eurofins – Cedar Falls, IA in acceptable conditions.	Not applicable
Methods Requested Confirm methods match project requirements and lab provided all methods ordered.	The method ordered and analyzed was performed in accordance with the project requirements, specifically, the United States Environmental Protection Agency (USEPA) 8260D Volatile Organic Compounds (VOCs).	Not applicable
Analytes Requested Confirm analytes ordered match project requirements and lab provided all analytes ordered.	The analytes requested were analyzed in accordance with the project requirements. The laboratory provided all analytes ordered.	Not applicable
Holding Times Confirm laboratory performed extractions and analyses within method-required holding times.	Eurofins performed all analyses within the method-required holding times for this sample delivery group (SDG).	Not applicable
Blanks Confirm no detections in laboratory method blanks, field blanks, and trip blanks.	Table 3 is intended to present analytes detected in the method, field, and trip blanks. No detections were found in the method and trip blanks. No field blanks were collected and analyzed in this SDG.	Not applicable
Surrogates or Deuterated Monitoring Compounds **Surrogates or Deuterated Monitoring Compounds Continued** For *organic analyses only*, confirm surrogates analyzed and surrogate recovery within QC limits.	Table 4 is intended to present surrogate recoveries that were outside the control limits. Surrogate recoveries were within control limits for this SDG.	Not applicable
Matrix Spike/Matrix Spike Duplicates (MS/MSDs) Confirm MS/MSDs analyzed at frequency specified by project requirements and MS/MSD percent recovery within lab specified limits. Confirm, for Organic analytes, MSD relative percent difference (RPD) within limits. For inorganic analytes, lab replicate RPD within limits.	MS/MSD quality control samples are not required for this project. As a result, no MS/MSD samples were collected or submitted for analysis. Where analyzed and reported by the laboratory, MS/MSD results associated with the samples in 310-299745-1 are reviewed under Stage 2A validation guidelines. Table 5 is intended to present MS/MSD recoveries and RPDs that were outside the control limits. MS/MSD samples were not analyzed and reported for this SDG.	Not applicable

Validation Task and Description	Review Notes	Action
Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Confirm LCS analyzed and LCS/LCSD recovery and RPD within lab specified limits.	LCS/LCSD quality control samples are not required for this project. Where analyzed and reported by the laboratory, LCS/LCSD results associated with method batches in 310-299745-1 are reviewed under Stage 2A validation guidelines. Table 6 is intended to present the LCS/LCSD recoveries and RPDs that were outside the control limits. LCS/LCSD recoveries and RPDs were within control limits for this SDG.	Not applicable
Laboratory Duplicates Confirm lab duplicates analyzed and RPD within lab specified limits.	Laboratory duplicate quality control samples are not required for this project. Where analyzed and reported by the laboratory, laboratory duplicate results associated with the samples in 310-299745-1 are reviewed under Stage 2A validation guidelines. Table 7 is intended to present the lab duplicate sample RPDs that were outside the RPD limits. Lab duplicate samples were not analyzed and reported for this SDGs.	Not applicable
Field Duplicates Confirm field duplicates collected at required frequency and field duplicate RPD within acceptable limits.	Table 8 is intended to present the precision evaluation of the parent/field duplicate samples. No field duplicates were submitted for analysis. The event was limited to resampling for one analyte/well pair. Project requirements do not require a field duplicate for resampling events.	Not applicable

Abbreviations:
CCV = continuing calibration verification
COC = chain of custody
EDD = electronic data deliverable
HMSP = Hydrologic Monitoring System Plan
ICV = internal calibration verification
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
MS = matrix spike
MSD = matrix spike duplicate
RPD = relative percent difference
SCUR = Sample Condition Upon Receipt
SDG = sample delivery group
USEPA = United States Environmental Protection Agency
VOC = volatile organic compound

Overall Assessment of Data

Item	Acceptable		Comments
	Yes	No	
1. Method Criteria	X		Samples were collected, preserved, shipped/delivered, and analyzed within the method protocols.
2. Precision	X		Field precision was not evaluated since a field duplicate sample was not collected. The event was limited to resampling for one analyte/well pair. Project requirements do not require a field duplicate for resampling events. Laboratory precision was evaluated through MS/MSD, LCS/LCSD, and laboratory duplicate RPDs. Eurofins did not analyze or report MS/MSD and laboratory duplicate results. LCS/LCSD RPDs were within control limits.
3. Accuracy	X		Accuracy was evaluated through surrogate, MS/MSD, and LCS/LCD recovery. Where analyzed and reported by the laboratory, MS/MSD and LCS/LCSD recoveries were within control limits.
4. Representativeness	X		Sampling was conducted in accordance with the sample collection procedures described in the approved HMSP, approved HMSP revisions, and SOPs.
5. Comparability	X		Collection techniques, measurement procedures, methods, and reporting were equivalent to currently approved procedures and are comparable to historical data.
6. Completeness	X		Valid analytical results exceeded 99%.
7. Suitability for Intended Use	X		No evidence of gross contamination or significant issues with the method criteria, precision, accuracy, representativeness, comparability, or completeness were identified. These data are suitable for their intended use.

Overall, the data reported are of good quality and the results for the applicable quality assurance/quality control (QA/QC) measurements that were used by the laboratories during the analysis of the samples were generally acceptable. Table 2 provides a definition of the qualifiers that may be assigned by the validator and/or retained from the laboratory. No sample results were qualified during data validation because method-specific QA/QC criteria were met. 100% of the data is usable for project data quality objectives.

Attachment 1

Tables

Table 1
Sample IDs Reviewed

Project Sample ID	Analyzed Lab Sample ID	Project Sample ID Matches Lab Client Sample ID	Lab Sample Date/Time Match COC/Logbook	Parameters and Analytical Methods Match COC	Within Hold Times	Sample Type
MW-105A-12_25_02	310-299745-1	No	Yes	Yes	Yes	Normal
TB-1_25_02	310-299745-2	Yes	Yes	Yes	Yes	TB

Notes:
COC = chain of custody
TB = trip blank

Table 2
Explanation of Qualifiers

Qualifier	Explanation
U	The analyte was analyzed for and was not detected above the numerical quantitation limit.
J	The analyte was analyzed for and was positively identified, but the analytical result (i.e., quantitation) is an estimated value. In some cases it is recognized that the estimated value is biased high (J+) suggesting the actual value is lower than estimated; or biased low (J-) suggesting the actual value is higher than estimated.
UJ	The analyte was analyzed for and was not detected above the reporting limit, but the reporting limit is an estimated value.
R	The analyte was analyzed for but may or may not be present and/or quantifiable due to quality control issues. The analytical result is not usable and should be rejected.
N	The analysis indicates presumptive evidence of the presence of the analyte.
NJ	The analysis indicates presumptive evidence of the presence of the analyte, but the numerical value is an estimated quantity.

Notes:
Results qualified as "J" or "UJ" are of acceptable data quality and may be used quantitatively per United States Environmental Protection Agency guidelines.

Table 3
Method, Field, and Trip Blank Exceedances

Lab Report	Blank Type	Lab Sample ID	Client Sample ID	Analysis Batch	Prep Batch	Parameter	Result	Units	Lab Qualifier	MDL	PQL	Associated Samples
No analytes were detected in the blank samples collected and analyzed in this Sample Delivery Group.												

Notes:
MDL - method detection limit
PQL = practical quantitation limit

Table 4
Surrogate Recovery Exceedances

Lab Sample ID	Parent Sample	Parameter	Surrogate % Recovery	% Recovery Limits
Surrogate recoveries were within control limits for this Sample Delivery Group.				

Notes:
% = percent

Table 5
Matrix Spike - Matrix Spike Duplicate Exceedances

Lab Sample ID	Parent Sample	Parameter	MS % Recovery	MSD % Recovery	% Recovery Limits	RPD	RPD Limit
MS/MSDs were not analyzed and reported for this Sample Delivery Group.							

Notes:
% = percent
MS = matrix spike
MSD = matrix spike duplicate
RPD = relative percent difference

Table 6
Laboratory Control Sample and Laboratory Control Sample Duplicate Exceedances

Lab Sample ID	Lab Report	Associated SDG Batch	Parameter	LCS % Recovery	LCSD % Recovery	% Recovery Limits	RPD	RPD Limit
LCS/LCSD recoveries and RPDs were within control limits for this Sample Delivery Group.								

Notes:
% = percent
LCS = laboratory control sample
LSCD = laboratory control sample duplicate
RPD = relative percent difference

Table 7
Laboratory Duplicate Sample Exceedances

Lab Sample ID	Client Sample ID	Parameter	RPD	RPD Limit
Lab duplicate samples were not analyzed and reported for this Sample Delivery Group.				

Notes:
RPD = relative percent difference

Table 8
Relative Percent Difference (RPD) Analysis for Field Duplicate Samples
Appendix I Constituents & TSS

RPD = $\dfrac{\text{absolute value (a - b)}}{\text{(a + b)/2}}$ **x 100%**

Acceptance Criteria*: 35%

* Unless otherwise noted in project planning documents, the acceptance criteria for field duplicates RPD is as follows:
- For analytes with concentrations greater than 5x (2x for soil matrices) the reporting limit, the RPD should be within 35% for water matrices (50% for soil matrices).
- For analytes with either or both concentrations less than 5x (2x for soil matrices) the reporting limit (indicated below by "low-level"), the absolute difference between the sample and field duplicate should not exceed 5x the reporting limit.

Duplicate Result Analysis:

Parameter	Unit	Parent	Duplicate Sample	RPD	Acceptable?
No field duplicate samples were collected.					

Notes:
RPD = relative percent difference

Table 9
Qualified Results from Data Validation

Sample ID	Lab Sample ID	Method	Parameter	Result	Lab Qualifier	Units	Qualified Result	Validator Qualifier	Explanation
No qualifiers were assigned during this evaluation.									

Notes:
This table only lists validator qualified data. Not all laboratory qualified data are listed; only the laboratory qualified data that was validator qualified are included.

Attachment 2

References

References

AECOM, 2013. *Hydrologic Monitoring System Plan, Landfill of North Iowa, AECOM #60287129.04*. August 22. [Doc. ID 77938].

United States Environmental Protection Agency (USEPA, 2020). *National Functional Guidelines for Organic Superfund Methods Data Review.* EPA-540-R-20-005. Office of Superfund Remediation and Technology Innovation, Washington, D.C. Revised November 2020.

April 2025 Sampling Event

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	GUA-1	Weather:	Clear, 55°F, SSE wind @ 14-20 mph, 30.00" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GUA-1 is the underdrain discharge point for Cell A, and is not the compliance point for the underdrain. In accordance with Special Provision X.5.a.ii, annual monitoring for the Appendix I list is conducted at GUA-1 to verify concentrations at the discharge pipe and to evaluate changes in the underdrain discharge prior to passive treatment.

Conditions commentary: None.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Grab sample from discharge pipe with pump turned on

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
X Other (specify): Dedicated submersible pump in the underdrain manhole

Equipment name/description: Submersible Pump Dedicated? (Y/N): Yes Disposable? (Y/N): N/A
Decontamination method: Not Applicable

Equipment depth (ft. MSL:)	Flow Rate (mL/min):	Volume removed (gal):	Volume sampled (L):
N/A	N/A	N/A	1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
GUA-1_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

	Final Reading
Time	16:41
Temp (°C)	17.35
Sp. Cond (umhos/cm)	1408.6
pH	6.50
DO (mg/l)	5.52
ORP (mV)	26.6
Turbidity (NTU)	31.19

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	GUA-1-2	Weather:	Clear, 55°F, SSE @ 14-20 mph, 30.00" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GUA-1-2 is the compliance point for the Cell A groundwater underdrain; located downgradient from underdrain discharge pipe (GUA-1) in the man-made ditch constructed for flow of underdrain discharge to Crane Creek. Sample is collected directly from underdrain flow at designated location for GUA-1-2 (after passive treatment of discharge).

Conditions commentary: None.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Grab sample from discharge

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
X Other (specify): None

Equipment name/description: Not Applicable Dedicated? (Y/N): N/A Disposable? (Y/N): N/A
Decontamination method: Not Applicable

Equipment depth (ft. MSL:) N/A Flow Rate (mL/min): N/A Volume removed (gal): N/A Volume sampled (L): 1.49
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
GUA-1-2_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

	Final Reading
Time	16:30
Temp (°C)	17.88
Sp. Cond (umhos/cm)	1418.1
pH	7.35
DO (mg/l)	8.30
ORP (mV)	0.1
Turbidity (NTU)	4.24

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-1-89	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1188.52
Top of screen (ft. MSL): 1176.66 Materials: PVC Top of Casing elevation (ft. MSL): 1188.09
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	13.38	N/A*	N/A*
Water elevation (ft. MSL)	1174.71	N/A*	N/A*

3 Well Volumes (gal): 5.0 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	23.68	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:) N/A Flow Rate (mL/min): N/A Volume removed (gal): N/A Volume sampled (L): N/A
Well dry? (Y/N): No Odor? (Y/N): N/A Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-1-89. Therefore, MW-1-89 was a water level only location in Spring 2025. The next monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-2A-89	Weather:	Clear, 50°F, SSE wind @ 13-19 mph, 30.09" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1177.71

Top of screen (ft. MSL): 1172.44 Materials: PVC Top of Casing elevation (ft. MSL): 1180.18

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.75	5.79	5.90
Water elevation (ft. MSL)	1174.43	1174.39	1174.28

3 Well Volumes (gal): 6.9 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	19.87	19.00	0.87

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1166.18 Flow Rate (mL/min): 250 Volume removed (gal): 2.8 Volume sampled (L): 1.99

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-2A-89_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	14:46	14:48	14:50
Temp (°C)	7.43	7.48	7.47
Sp. Cond (umhos/cm)	1107.3	1106.1	1106.6
pH	6.65	6.64	6.63
DO (mg/l)	0.07	0.06	0.06
ORP (mV)	-2.1	-6.0	-8.8
Turbidity (NTU)	41.2	40.8	40.1

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-2A-89	Weather:	Clear, 50°F, SSE wind @ 13-19 mph, 30.09" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-3-89	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1174.74

Top of screen (ft. MSL): 1171.55 Materials: PVC Top of Casing elevation (ft. MSL): 1176.17

Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	4.09	N/A*	N/A*
Water elevation (ft. MSL)	1172.08	N/A*	N/A*

3 Well Volumes (gal): 5.1 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	14.42	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___

Decontamination method: ___

Equipment depth (ft. MSL:) N/A Flow Rate (mL/min): N/A Volume removed (gal): N/A Volume sampled (L): N/A

Well dry? (Y/N): No Odor? (Y/N): N/A Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-3-89	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-3A-89. Therefore, MW-3A-89 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Well maintenance was conducted after sample collection in April 2025. At MW-3-89, 0.06' of PVC well casing was removed to allow room for PVC well cap placement, closure, and locking of the outer protective casing. The top of casing elevation and constructed well depth will be updated on future forms (i.e., TOC = 1176.11' amsl; Constructed Well Depth = 14.36' bTOC.)

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-4A-89	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1173.51
Top of screen (ft. MSL): 1169.49 Materials: PVC Top of Casing elevation (ft. MSL): 1175.39
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	5.38	N/A*	N/A*
Water elevation (ft. MSL)	1170.01	N/A*	N/A*

3 Well Volumes (gal): 5.3 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	16.23	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:) N/A Flow Rate (mL/min): N/A Volume removed (gal): N/A Volume sampled (L): N/A
Well dry? (Y/N): No Odor? (Y/N): N/A Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-4A-89. Therefore, MW-4A-89 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-4B-89	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1173.59
Top of screen (ft. MSL): 1154.35 Materials: PVC Top of Casing elevation (ft. MSL): 1175.64
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	6.13	N/A*	N/A*
Water elevation (ft. MSL)	1169.51	N/A*	N/A*

3 Well Volumes (gal): 10.3 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	27.18	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:)	N/A	Flow Rate (mL/min):	N/A	Volume removed (gal):	N/A
Volume sampled (L):	N/A				
Well dry? (Y/N):	No	Odor? (Y/N):	N/A	Color? (Y/N):	N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-4B-89. Therefore, MW-4B-89 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name: Landfill of North Iowa | Permit No.: 17-SDP-01-75P
Well/Piezometer: MW-5-89 | Weather: Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date: 4/7/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 1173.27
Top of screen (ft. MSL): 1162.97 | Materials: PVC | Top of Casing elevation (ft. MSL): 1175.78
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.55	N/A*	N/A*
Water elevation (ft. MSL)	1170.23	N/A*	N/A*

3 Well Volumes (gal): 8.9 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	23.65	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) | ___ No-purge (specify sample interval): ___
___ Bailer | x Other (specify): *Water Level Only-No Sample

Equipment type: ___ Submersible pump | ___ Peristaltic pump | ___ Bladder pump
___ Inertial lift pump | ___ Bailer | ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:) N/A | Flow Rate (mL/min): N/A | Volume removed (gal): N/A | Volume sampled (L): N/A
Well dry? (Y/N): No | Odor? (Y/N): N/A | Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-5-89. Therefore, MW-5-89 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name: Landfill of North Iowa | Permit No.: 17-SDP-01-75P
Well/Piezometer: MW-6-89 | Weather: Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date: 4/7/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 1207.38
Top of screen (ft. MSL): 1179.60 | Materials: PVC | Top of Casing elevation (ft. MSL): 1209.90
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	28.82	N/A*	N/A*
Water elevation (ft. MSL)	1181.08	N/A*	N/A*

3 Well Volumes (gal): 6.5 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	42.05	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) | ___ No-purge (specify sample interval): ___
___ Bailer | X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump | ___ Peristaltic pump | ___ Bladder pump
___ Inertial lift pump | ___ Bailer | ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:) N/A | Flow Rate (mL/min): N/A | Volume removed (gal): N/A | Volume sampled (L): N/A
Well dry? (Y/N): No | Odor? (Y/N): N/A | Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-6-89. Therefore, MW-6-89 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-8A-89	Weather:	Clear, 54°F, SSE wind @ 13-19 mph, 30.03" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1184.75
Top of screen (ft. MSL): 1175.49 Materials: PVC Top of Casing elevation (ft. MSL): 1186.98
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.62	9.60	10.26
Water elevation (ft. MSL)	1177.36	1177.38	1176.72

3 Well Volumes (gal): 6.3 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	22.48	21.74	0.74

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1169.98 Flow Rate (mL/min): 200 Volume removed (gal): 0.7 Volume sampled (L): 1.49
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-8A-89_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	15:39	15:41	15:43
Temp (°C)	9.00	8.98	8.99
Sp. Cond (umhos/cm)	966.52	967.67	966.21
pH	6.99	6.98	6.99
DO (mg/l)	1.59	1.47	1.40
ORP (mV)	1.3	2.0	2.2
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-8A-89	Weather:	Clear, 54°F, SSE wind @ 13-19 mph, 30.03" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field duplicate (FD-2_25_04) at MW-8A-89.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-9-92	Weather:	Clear, 44°F, SSE wind @ 10 mph, 30.18" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1178.02
Top of screen (ft. MSL): 1165.19 Materials: PVC Top of Casing elevation (ft. MSL): 1180.36
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	10.90	10.96	10.97
Water elevation (ft. MSL)	1169.46	1169.40	1169.39

3 Well Volumes (gal): 7.9 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	26.97	26.95	0.02

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1158.36 Flow Rate (mL/min): 200 Volume removed (gal): 2.6 Volume sampled (L): 1.49
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No*

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-9-92_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	12:24	12:26	12:28
Temp (°C)	9.99	9.96	10.08
Sp. Cond (umhos/cm)	1490.4	1488.7	1481.6
pH	6.35	6.34	6.34
DO (mg/l)	0.09	0.09	0.12
ORP (mV)	50.7	46.3	41.4
Turbidity (NTU)	4.30	4.82	3.68

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-9-92	Weather:	Clear, 44°F, SSE wind @ 10 mph, 30.18" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Reddish-orange turbidity observed during initial purge; cleared by sample collection.

Groundwater Sampling Field Sheet

Site Name: Landfill of North Iowa | Permit No.: 17-SDP-01-75P
Well/Piezometer: MW-11 | Weather: Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date: 4/7/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 1174.97
Top of screen (ft. MSL): 1173.56 | Materials: PVC | Top of Casing elevation (ft. MSL): 1176.61
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	3.88	N/A*	N/A*
Water elevation (ft. MSL)	1172.73	N/A*	N/A*

3 Well Volumes (gal): 4.9 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	13.88	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) | ___ No-purge (specify sample interval): ___
___ Bailer | X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump | ___ Peristaltic pump | ___ Bladder pump
___ Inertial lift pump | ___ Bailer | ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:) N/A | Flow Rate (mL/min): N/A | Volume removed (gal): N/A | Volume sampled (L): N/A
Well dry? (Y/N): No | Odor? (Y/N): N/A | Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-11. Therefore, MW-11 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 20254.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-15-10R	Weather:	Clear, 36°F, ESE wind @ 9 mph, 30.22" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1175.92

Top of screen (ft. MSL): 1168.77 Materials: PVC Top of Casing elevation (ft. MSL): 1178.47

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.82	6.94	7.59
Water elevation (ft. MSL)	1171.65	1171.53	1170.88

3 Well Volumes (gal): 5.3 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.62	17.81	0.19

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1164.47 Flow Rate (mL/min): 200 Volume removed (gal): 1.7 Volume sampled (L): 2.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No*

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-15-10R_25_04	USEPA 8260D - Appendix I VOCs & Dichlorodifluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	9:33	9:35	9:37
Temp (°C)	5.49	5.43	5.46
Sp. Cond (umhos/cm)	1389.7	1388.6	1386.4
pH	7.07	7.06	7.05
DO (mg/l)	0.37	0.28	0.22
ORP (mV)	167.6	164.5	162.3
Turbidity (NTU)	0.58	0.28	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-15-10R	Weather:	Clear, 36°F, ESE wind @ 9 mph, 30.22" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Reddish-orange turbidity observed during initial purge; cleared by sample collection.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-16-03	Weather:	Clear, 30°F, E wind @ 5 mph, 30.24" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1197.68
Top of screen (ft. MSL): 1174.69 Materials: PVC Top of Casing elevation (ft. MSL): 1200.43
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	24.49	24.53	24.72
Water elevation (ft. MSL)	1175.94	1175.90	1175.71

3 Well Volumes (gal): 5.8 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	36.41	36.33	0.08

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1169.43 Flow Rate (mL/min): 225 Volume removed (gal): 0.8 Volume sampled (L): 2.49
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-16-03_25_04	USEPA 8260D - Appendix I VOCs & Dichlorodifluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	8:32	8:34	8:36
Temp (°C)	8.89	8.90	8.98
Sp. Cond (umhos/cm)	2039.9	2023.5	2029.4
pH	6.94	6.94	6.94
DO (mg/l)	0.33	0.27	0.22
ORP (mV)	166.9	163.6	161.7
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-16-03	Weather:	Clear, 30°F, E wind @ 5 mph, 30.24" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field blank (FB-1_24_04) at 08:35.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-20-03	Weather:	Clear, 45°F, N wind @ 16-23 mph, 30.12" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1182.43
Top of screen (ft. MSL): 1172.69 Materials: PVC Top of Casing elevation (ft. MSL): 1184.87
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	12.70	12.70	12.74
Water elevation (ft. MSL)	1172.17	1172.17	1172.13

3 Well Volumes (gal): 4.6 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	22.05	21.87	0.18

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1167.87 Flow Rate (mL/min): 200 Volume removed (gal): 0.5 Volume sampled (L): 2.49
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-20-03_25_04	USEPA 8260D - Appendix I VOCs & Dichlorodifluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	17:07	17:09	17:11
Temp (°C)	8.42	8.46	8.47
Sp. Cond (umhos/cm)	584.33	584.29	585.35
pH	7.72	7.77	7.77
DO (mg/l)	5.05	4.84	4.78
ORP (mV)	170.2	167.5	167.6
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-20-03	Weather:	Clear, 45°F, N wind @ 16-23 mph, 30.12" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-22A-03	Weather:	Clear, 45°F, N wind @ 17-25 mph, 30.12" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1175.11

Top of screen (ft. MSL): 1168.50 Materials: PVC Top of Casing elevation (ft. MSL): 1177.44

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.30	5.30	5.78
Water elevation (ft. MSL)	1172.14	1172.14	1171.66

3 Well Volumes (gal): 6.8 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	19.13	19.43	0.30

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1162.44 Flow Rate (mL/min): 200 Volume removed (gal): 1.3 Volume sampled (L): 2.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): Yes*

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-22A-03_25_04	USEPA 8260D - Appendix I VOCs & Dichlorodifluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	16:26	16:28	16:30
Temp (°C)	6.55	6.51	6.52
Sp. Cond (umhos/cm)	475.83	474.31	474.27
pH	7.80	7.86	7.82
DO (mg/l)	7.05	7.05	7.07
ORP (mV)	164.0	160.3	162.5
Turbidity (NTU)	3.98	3.41	3.18

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-22A-03	Weather:	Clear, 45°F, N wind @ 17-25 mph, 30.12" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Well maintenance was conducted after sample collection in April 2025. At MW-22A-03, 0.03' of PVC well casing was removed to allow room for PVC well cap placement, closure, and locking of the outer protective casing. The top of casing elevation and constructed well depth will be updated on future forms (i.e., TOC = 1177.41' amsl; Constructed Well Depth = 19.10' bTOC).

*Slight suspended solids in sample.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-23-03	Weather:	Clear, 44°F, N wind @ 18-27 mph, 30.12" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1177.08
Top of screen (ft. MSL): 1169.93 Materials: PVC Top of Casing elevation (ft. MSL): 1179.67
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.34	6.34	8.17
Water elevation (ft. MSL)	1173.33	1173.33	1171.50

3 Well Volumes (gal): 6.8 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	20.29	20.28	0.01

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1164.67 Flow Rate (mL/min): 175 Volume removed (gal): 0.4 Volume sampled (L): 2.49
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): Yes*

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-23-03_25_04	USEPA 8260D - Appendix I VOCs & Dichlorodifluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	15:37	15:39	15:41
Temp (°C)	7.18	6.81	6.65
Sp. Cond (umhos/cm)	698.74	698.74	699.63
pH	7.61	7.64	7.65
DO (mg/l)	0.47	0.36	0.31
ORP (mV)	179.7	173.8	169.7
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-23-03	Weather:	Clear, 44°F, N wind @ 18-27 mph, 30.12" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Slight suspended solids in sample.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-101A-12	Weather:	Clear, 44°F, SSE wind @ 10 mph, 30.18" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1172.88

Top of screen (ft. MSL): 1168.20 Materials: PVC Top of Casing elevation (ft. MSL): 1175.45

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	4.15	4.28	7.64
Water elevation (ft. MSL)	1171.30	1171.17	1167.81

3 Well Volumes (gal): 6.7 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.90	18.11	0.21

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1162.45 Flow Rate (mL/min): 200 Volume removed (gal): 1.1 Volume sampled (L): 1.99

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-101A-12_25_04	USEPA 8260D - Appendix I VOCs & Dichlorodifluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	13:26	13:28	13:30
Temp (°C)	7.92	7.94	7.99
Sp. Cond (umhos/cm)	1739.9	1741.1	1742.0
pH	6.81	6.82	6.80
DO (mg/l)	0.12	0.11	0.10
ORP (mV)	33.2	32.3	32.3
Turbidity (NTU)	35.08	34.29	33.78

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-101A-12	Weather:	Clear, 44°F, SSE wind @ 10 mph, 30.18" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Groundwater Sampling Field Sheet

Site Name: Landfill of North Iowa | Permit No.: 17-SDP-01-75P
Well/Piezometer: MW-101B | Weather: Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date: 4/7/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 7 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 1172.79
Top of screen (ft. MSL): 1144.79 | Materials: PVC | Top of Casing elevation (ft. MSL): 1175.85
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	5.30	N/A*	N/A*
Water elevation (ft. MSL)	1170.55	N/A*	N/A*

3 Well Volumes (gal): 17.8 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	41.78	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) | ___ No-purge (specify sample interval): ___
___ Bailer | X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump | ___ Peristaltic pump | ___ Bladder pump
___ Inertial lift pump | ___ Bailer | ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:)	Flow Rate (mL/min):	Volume removed (gal):	Volume sampled (L):
N/A	N/A	N/A	N/A

Well dry? (Y/N): No | Odor? (Y/N): N/A | Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-101B. Therefore, MW-101B was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name: Landfill of North Iowa | Permit No.: 17-SDP-01-75P
Well/Piezometer: MW-102A-12 | Weather: Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date: 4/7/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 1174.64
Top of screen (ft. MSL): 1169.87 | Materials: PVC | Top of Casing elevation (ft. MSL): 1177.06
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	4.84	N/A*	N/A*
Water elevation (ft. MSL)	1172.22	N/A*	N/A*

3 Well Volumes (gal): 6.4 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	18.03	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) | ___ No-purge (specify sample interval): ___
___ Bailer | X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump | ___ Peristaltic pump | ___ Bladder pump
___ Inertial lift pump | ___ Bailer | ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:)	Flow Rate (mL/min):	Volume removed (gal):	Volume sampled (L):
N/A	N/A	N/A	N/A

Well dry? (Y/N): No | Odor? (Y/N): N/A | Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-102A-12. Therefore, MW-102A-12 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-103A-12	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1175.13
Top of screen (ft. MSL): 1168.42 Materials: PVC Top of Casing elevation (ft. MSL): 1177.46
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.59	N/A*	N/A*
Water elevation (ft. MSL)	1168.87	N/A*	N/A*

3 Well Volumes (gal): 5.5 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	19.75	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer x Other (specify): Water Level Only-No Sample*

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:)	N/A	Flow Rate (mL/min):	N/A	Volume removed (gal):	N/A
Well dry? (Y/N):	No	Odor? (Y/N):	N/A	Volume sampled (L):	N/A
				Color? (Y/N):	N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-103A-12. Therefore, MW-103A-12 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-104A-12	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in):	8	Casing Diameter (in):	2	Ground surface elevation (ft. MSL):	1174.94
Top of screen (ft. MSL):	1170.06	Materials:	PVC	Top of Casing elevation (ft. MSL):	1177.29
Locked (Y/N):	Yes				

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	6.49	N/A*	N/A*
Water elevation (ft. MSL)	1170.80	N/A*	N/A*

3 Well Volumes (gal): 5.5 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.70	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:) N/A Flow Rate (mL/min): N/A Volume removed (gal): N/A Volume sampled (L): N/A
Well dry? (Y/N): No Odor? (Y/N): N/A Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-104A-12. Therefore, MW-104A-12 was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-105A-12	Weather:	Clear, 40°F, SSE wind @ 11-17 mph, 30.21" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1176.74

Top of screen (ft. MSL): 1171.89 Materials: PVC Top of Casing elevation (ft. MSL): 1179.19

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.51	9.62	9.62
Water elevation (ft. MSL)	1169.68	1169.57	1169.57

3 Well Volumes (gal): 4.1 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.96	18.18	0.22

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1166.19 Flow Rate (mL/min): 225 Volume removed (gal): 0.7 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-105A-12_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	10:32	10:34	10:36
Temp (°C)	6.29	6.31	6.29
Sp. Cond (umhos/cm)	1120.5	1120.0	1120.8
pH	6.82	6.80	6.77
DO (mg/l)	0.34	0.26	0.22
ORP (mV)	150.2	145.0	141.1
Turbidity (NTU)	0.00	0.00	2.96

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-105A-12	Weather:	Clear, 40°F, SSE wind @ 11-17 mph, 30.21" Hg
Date:	4/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field duplicate (FD-1_25_04) at MW-105A-12.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-106A-12	Weather:	Clear, 45°F, N wind @ 14-21 mph, 30.12" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1179.17

Top of screen (ft. MSL): 1172.32 Materials: PVC Top of Casing elevation (ft. MSL): 1181.59

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	12.29	12.29	12.38
Water elevation (ft. MSL)	1169.30	1169.30	1169.21

3 Well Volumes (gal): 3.6 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	19.70	19.82	0.12

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1166.59 Flow Rate (mL/min): 200 Volume removed (gal): 1.4 Volume sampled (L): 2.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-106A-12_25_04	USEPA 8260D - Appendix I VOCs & Dichlorodifluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	18:03	18:05	18:07
Temp (°C)	6.59	6.49	6.39
Sp. Cond (umhos/cm)	1418.6	1437.7	1435.4
pH	6.93	6.90	6.89
DO (mg/l)	0.10	0.10	0.09
ORP (mV)	63.4	60.4	56.7
Turbidity (NTU)	27.38	25.49	27.45

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-106A-12	Weather:	Clear, 45°F, N wind @ 14-21 mph, 30.12" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-107A	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1179.53
Top of screen (ft. MSL): 1173.73 Materials: PVC Top of Casing elevation (ft. MSL): 1182.43
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	8.15	N/A*	N/A*
Water elevation (ft. MSL)	1174.28	N/A*	N/A*

3 Well Volumes (gal): 5.2 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	18.70	18.40	0.30

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:)	N/A	Flow Rate (mL/min):	N/A	Volume removed (gal):	N/A
Volume sampled (L):	N/A				
Well dry? (Y/N):	No	Odor? (Y/N):	N/A	Color? (Y/N):	N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-107A. Therefore, MW-107A was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-108A	Weather:	Clear, 37°F, N wind @ 20-25 mph, 30.2" Hg
Date:	4/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1170.44
Top of screen (ft. MSL): 1165.70 Materials: PVC Top of Casing elevation (ft. MSL): 1173.23
Locked (Y/N): Yes

	Before purging	After purging	Before sampling
Water Level (ft. TOC):	4.84	N/A*	N/A*
Water elevation (ft. MSL)	1168.39	N/A*	N/A*

3 Well Volumes (gal): 6.2 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.53	N/A	N/A

Well conditions commentary: Well conditions are inspected annually - scheduled for Fall 2025 event.

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Water Level Only - No Sample*

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: ___ Dedicated? (Y/N): ___ Disposable? (Y/N): ___
Decontamination method: ___

Equipment depth (ft. MSL:) N/A Flow Rate (mL/min): N/A Volume removed (gal): N/A Volume sampled (L): N/A
Well dry? (Y/N): No Odor? (Y/N): N/A Color? (Y/N): N/A

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
	Sample not collected*	N/A	N/A

Field Analysis

	Final Reading
Elapsed Time	N/A
Temp (°C)	N/A
Sp. Cond (umhos/cm)	N/A
pH	N/A
DO (mg/l)	N/A
ORP (mV)	N/A
Turbidity (NTU)	N/A

Comments: *In accordance with the monitoring optimizations approved by the IDNR in Special Provision X.5.o, annual monitoring is conducted at MW-108A. Therefore, MW-108A was a water level only location in Spring 2025. The next annual monitoring event is scheduled for Fall 2025.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Wilming
Foth Infrastructure & Environment, LLC
411 6th Avenue SE
Suite 400
Cedar Rapids, Iowa 52401

Generated 4/22/2025 12:08:59 AM

JOB DESCRIPTION

Landfill of North Iowa Groundwater

JOB NUMBER

310-303769-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization



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Job ID: 310-303769-1 Eurofins Cedar Falls

Job Narrative
310-303769-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/9/2025 11:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were -0.4°C, -0.4°C and 0.0°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-451168. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8270E: Internal standard (ISTD) response for the following sample was outside of acceptance limits: FB-1_25_04 (310-303769-16). The ISTD failed low causing the data to be biased high. The affected analytes were non-detects therefore the data has been reported.

Method 8270E: Surrogate recovery for the following sample was outside control limits: FB-1_25_04 (310-303769-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E: Surrogate recovery for the following sample was outside of acceptance limits: MW-106A-12_25_04 (310-303769-13). There was insufficient holding-time remaining to perform a re-extraction; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-303769-1	GUA-1_25_04	Water	04/08/25 16:25	04/09/25 11:38
310-303769-2	GUA-1-2_25_04	Water	04/08/25 16:20	04/09/25 11:38
310-303769-3	MW-2A-89_25_04	Water	04/08/25 14:55	04/09/25 11:38
310-303769-4	MW-8A-89_25_04	Water	04/08/25 15:45	04/09/25 11:38
310-303769-5	MW-9-92_25_04	Water	04/08/25 12:30	04/09/25 11:38
310-303769-6	MW-15-10R_25_04	Water	04/08/25 09:40	04/09/25 11:38
310-303769-7	MW-16-03_25_04	Water	04/08/25 08:40	04/09/25 11:38
310-303769-8	MW-20-03_25_04	Water	04/07/25 17:15	04/09/25 11:38
310-303769-9	MW-22A-03_25_04	Water	04/07/25 16:35	04/09/25 11:38
310-303769-10	MW-23-03_05_04	Water	04/07/25 15:45	04/09/25 11:38
310-303769-11	MW-101A-12_25_04	Water	04/08/25 13:35	04/09/25 11:38
310-303769-12	MW-105A-12_25_04	Water	04/08/25 10:40	04/09/25 11:38
310-303769-13	MW-106A-12_25_04	Water	04/07/25 18:10	04/09/25 11:38
310-303769-14	FD-1_25_04	Water	04/08/25 00:00	04/09/25 11:38
310-303769-15	FD-2_25_04	Water	04/08/25 00:00	04/09/25 11:38
310-303769-16	FB-1_25_04	Water	04/08/25 08:35	04/09/25 11:38
310-303769-17	TB-1_25_04	Water	04/08/25 00:00	04/09/25 11:38

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: GUA-1_25_04 — Lab Sample ID: 310-303769-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.42		1.00	0.220	ug/L	1		8260D	Total/NA
Benzene	0.643		0.500	0.220	ug/L	1		8260D	Total/NA
Vinyl chloride	0.383	J	1.00	0.180	ug/L	1		8260D	Total/NA
Arsenic	0.0295		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.815		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000818		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0180		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	22.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GUA-1-2_25_04 — Lab Sample ID: 310-303769-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.549	J	1.00	0.220	ug/L	1		8260D	Total/NA
Acetone	3.48	J	10.0	3.10	ug/L	1		8260D	Total/NA
Arsenic	0.00648		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.729		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000692		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0177		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.00	J	5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-2A-89_25_04 — Lab Sample ID: 310-303769-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0937		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.878		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00400		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00417	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	29.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-8A-89_25_04 — Lab Sample ID: 310-303769-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000911	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0450		0.00200	0.000660	mg/L	1		6020B	Total/NA
Nickel	0.00395	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.38	J	1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-9-92_25_04 — Lab Sample ID: 310-303769-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.59		1.00	0.220	ug/L	1		8260D	Total/NA
Acetone	5.82	J	10.0	3.10	ug/L	1		8260D	Total/NA
Benzene	0.942		0.500	0.220	ug/L	1		8260D	Total/NA
Chloroethane	3.50	J	4.00	0.790	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.218	J	1.00	0.210	ug/L	1		8260D	Total/NA
Vinyl chloride	0.561	J	1.00	0.180	ug/L	1		8260D	Total/NA
Arsenic	0.0846		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.826		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00794		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0208		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	53.3		10.0	7.00	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: MW-15-10R_25_04 — Lab Sample ID: 310-303769-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.287	J	1.00	0.220	ug/L	1		8260D	Total/NA
Arsenic	0.0111		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.113		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00346		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0132		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	7.20		3.00	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-16-03_25_04 — Lab Sample ID: 310-303769-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00155	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.145		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000108	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00934		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0592		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	11.3		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-20-03_25_04 — Lab Sample ID: 310-303769-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0759		0.00200	0.000660	mg/L	1		6020B	Total/NA

Client Sample ID: MW-22A-03_25_04 — Lab Sample ID: 310-303769-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000880	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.115		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000190	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.87		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-23-03_05_04 — Lab Sample ID: 310-303769-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00836		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.228		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000241		0.000200	0.000100	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.63	J	1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-101A-12_25_04 — Lab Sample ID: 310-303769-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	8.19		1.00	0.220	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	0.406	J	1.00	0.390	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	3.11		1.00	0.270	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	2.24	J	10.0	2.10	ug/L	1		8260D	Total/NA
Benzene	0.588		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	5.11		1.00	0.400	ug/L	1		8260D	Total/NA
Chloroethane	1.29	J	4.00	0.790	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	16.8		1.00	0.210	ug/L	1		8260D	Total/NA
Dichlorodifluoromethane	2.49	J	3.00	0.250	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.48		1.00	0.480	ug/L	1		8260D	Total/NA
Trichloroethene	7.42		1.00	0.430	ug/L	1		8260D	Total/NA
Vinyl chloride	5.58		1.00	0.180	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-101A-12_25_04 (Continued) — Lab Sample ID: 310-303769-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0117		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.846		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000603		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	9.40		3.00	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-105A-12_25_04 — Lab Sample ID: 310-303769-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.238	J	1.00	0.220	ug/L	1		8260D	Total/NA
Arsenic	0.00467		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.262		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00738		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0121		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	12.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-106A-12_25_04 — Lab Sample ID: 310-303769-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.17	J	10.0	3.10	ug/L	1		8260D	Total/NA
Arsenic	0.0174		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0906		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0124		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00715		0.00500	0.00320	mg/L	1		6020B	Total/NA
Lead	0.000456	J	0.000500	0.000330	mg/L	1		6020B	Total/NA
Nickel	0.0171		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	88.0		30.0	21.0	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FD-1_25_04 — Lab Sample ID: 310-303769-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.226	J	1.00	0.220	ug/L	1		8260D	Total/NA
Arsenic	0.00484		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.265		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00731		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0119		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	10.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FD-2_25_04 — Lab Sample ID: 310-303769-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000855	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0443		0.00200	0.000660	mg/L	1		6020B	Total/NA
Nickel	0.00382	J	0.00500	0.00230	mg/L	1		6020B	Total/NA

Client Sample ID: FB-1_25_04 — Lab Sample ID: 310-303769-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.95	J	10.0	3.10	ug/L	1		8260D	Total/NA

Client Sample ID: TB-1_25_04 — Lab Sample ID: 310-303769-17

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: GUA-1_25_04
Date Collected: 04/08/25 16:25
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 14:04	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 14:04	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 14:04	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 14:04	1
1,1-Dichloroethane	**1.42**		1.00	0.220	ug/L			04/10/25 14:04	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 14:04	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 14:04	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 14:04	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 14:04	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 14:04	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 14:04	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 14:04	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 14:04	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 14:04	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 14:04	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 14:04	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 14:04	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 14:04	1
Benzene	**0.643**		0.500	0.220	ug/L			04/10/25 14:04	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 14:04	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 14:04	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 14:04	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 14:04	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 14:04	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 14:04	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 14:04	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 14:04	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 14:04	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 14:04	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 14:04	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 14:04	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 14:04	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 14:04	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 14:04	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 14:04	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 14:04	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 14:04	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 14:04	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 14:04	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 14:04	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 14:04	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 14:04	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 14:04	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 14:04	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 14:04	1
Vinyl chloride	**0.383**	**J**	1.00	0.180	ug/L			04/10/25 14:04	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*73 - 130*		*04/10/25 14:04*	*1*

Client Sample ID: GUA-1_25_04
Lab Sample ID: 310-303769-1
Date Collected: 04/08/25 16:25
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/10/25 14:04*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*04/10/25 14:04*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 15:47	1
Arsenic	**0.0295**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 15:47	1
Barium	**0.815**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 15:47	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 15:47	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 15:47	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 15:47	1
Cobalt	**0.000818**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 15:47	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 15:47	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 15:47	1
Nickel	**0.0180**		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 15:47	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 15:47	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 15:47	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 15:47	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 15:47	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 15:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**22.0**		7.50	5.25	mg/L			04/10/25 15:21	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: GUA-1-2_25_04
Date Collected: 04/08/25 16:20
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 14:26	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 14:26	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 14:26	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 14:26	1
1,1-Dichloroethane	**0.549**	**J**	1.00	0.220	ug/L			04/10/25 14:26	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 14:26	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 14:26	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 14:26	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 14:26	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 14:26	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 14:26	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 14:26	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 14:26	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 14:26	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 14:26	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 14:26	1
Acetone	**3.48**	**J**	10.0	3.10	ug/L			04/10/25 14:26	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 14:26	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 14:26	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 14:26	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 14:26	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 14:26	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 14:26	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 14:26	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 14:26	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 14:26	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 14:26	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 14:26	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 14:26	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 14:26	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 14:26	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 14:26	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 14:26	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 14:26	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 14:26	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 14:26	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 14:26	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 14:26	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 14:26	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 14:26	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 14:26	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 14:26	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 14:26	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 14:26	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 14:26	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 14:26	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*73 - 130*		*04/10/25 14:26*	*1*

Client Sample ID: GUA-1-2_25_04
Lab Sample ID: 310-303769-2
Date Collected: 04/08/25 16:20
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/10/25 14:26*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/10/25 14:26*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:07	1
Arsenic	**0.00648**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:07	1
Barium	**0.729**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:07	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:07	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:07	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:07	1
Cobalt	**0.000692**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:07	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:07	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:07	1
Nickel	**0.0177**		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:07	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:07	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:07	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:07	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:07	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.00**	**J**	5.00	3.50	mg/L			04/10/25 15:21	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: MW-2A-89_25_04
Date Collected: 04/08/25 14:55
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 14:47	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 14:47	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 14:47	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 14:47	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 14:47	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 14:47	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 14:47	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 14:47	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 14:47	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 14:47	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 14:47	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 14:47	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 14:47	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 14:47	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 14:47	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 14:47	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 14:47	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 14:47	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 14:47	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 14:47	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 14:47	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 14:47	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 14:47	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 14:47	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 14:47	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 14:47	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 14:47	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 14:47	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 14:47	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 14:47	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 14:47	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 14:47	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 14:47	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 14:47	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 14:47	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 14:47	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 14:47	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 14:47	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 14:47	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 14:47	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 14:47	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 14:47	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 14:47	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 14:47	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 14:47	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 14:47	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*73 - 130*		*04/10/25 14:47*	*1*

Client Sample ID: MW-2A-89_25_04
Lab Sample ID: 310-303769-3
Date Collected: 04/08/25 14:55
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/10/25 14:47*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*04/10/25 14:47*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:10	1
Arsenic	**0.0937**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:10	1
Barium	**0.878**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:10	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:10	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:10	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:10	1
Cobalt	**0.00400**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:10	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:10	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:10	1
Nickel	**0.00417**	**J**	0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:10	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:10	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:10	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:10	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:10	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.41		3.00	1.41	mg/L		04/15/25 11:03	04/15/25 13:41	1
Total Suspended Solids (USGS I-3765-85)	**29.0**		7.50	5.25	mg/L			04/10/25 14:17	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: MW-8A-89_25_04
Date Collected: 04/08/25 15:45
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 15:09	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 15:09	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 15:09	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 15:09	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 15:09	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 15:09	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 15:09	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 15:09	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 15:09	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 15:09	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 15:09	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 15:09	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 15:09	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 15:09	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 15:09	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 15:09	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 15:09	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 15:09	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 15:09	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 15:09	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 15:09	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 15:09	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 15:09	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 15:09	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 15:09	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 15:09	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 15:09	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 15:09	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 15:09	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 15:09	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 15:09	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 15:09	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 15:09	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 15:09	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 15:09	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 15:09	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 15:09	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 15:09	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 15:09	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 15:09	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 15:09	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 15:09	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 15:09	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 15:09	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 15:09	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 15:09	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*125*		*73 - 130*		*04/10/25 15:09*	*1*

Client Sample ID: MW-8A-89_25_04
Lab Sample ID: 310-303769-4
Date Collected: 04/08/25 15:45
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*04/10/25 15:09*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*04/10/25 15:09*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:12	1
Arsenic	**0.000911**	**J**	0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:12	1
Barium	**0.0450**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:12	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:12	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:12	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:12	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:12	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:12	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:12	1
Nickel	**0.00395**	**J**	0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:12	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:12	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:12	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:12	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:12	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.38**	**J**	1.88	1.31	mg/L			04/10/25 15:21	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: MW-9-92_25_04
Date Collected: 04/08/25 12:30
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 15:31	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 15:31	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 15:31	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 15:31	1
1,1-Dichloroethane	**6.59**		1.00	0.220	ug/L			04/10/25 15:31	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 15:31	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 15:31	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 15:31	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 15:31	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 15:31	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 15:31	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 15:31	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 15:31	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 15:31	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 15:31	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 15:31	1
Acetone	**5.82**	**J**	10.0	3.10	ug/L			04/10/25 15:31	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 15:31	1
Benzene	**0.942**		0.500	0.220	ug/L			04/10/25 15:31	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 15:31	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 15:31	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 15:31	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 15:31	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 15:31	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 15:31	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 15:31	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 15:31	1
Chloroethane	**3.50**	**J**	4.00	0.790	ug/L			04/10/25 15:31	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 15:31	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 15:31	1
cis-1,2-Dichloroethene	**0.218**	**J**	1.00	0.210	ug/L			04/10/25 15:31	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 15:31	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 15:31	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 15:31	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 15:31	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 15:31	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 15:31	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 15:31	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 15:31	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 15:31	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 15:31	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 15:31	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 15:31	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 15:31	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 15:31	1
Vinyl chloride	**0.561**	**J**	1.00	0.180	ug/L			04/10/25 15:31	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*73 - 130*		*04/10/25 15:31*	*1*

Client Sample ID: MW-9-92_25_04
Lab Sample ID: 310-303769-5
Date Collected: 04/08/25 12:30
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/10/25 15:31*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*04/10/25 15:31*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:15	1
Arsenic	**0.0846**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:15	1
Barium	**0.826**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:15	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:15	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:15	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:15	1
Cobalt	**0.00794**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:15	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:15	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:15	1
Nickel	**0.0208**		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:15	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:15	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:15	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:15	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:15	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**53.3**		10.0	7.00	mg/L			04/11/25 09:35	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-15-10R_25_04
Lab Sample ID: 310-303769-6
Date Collected: 04/08/25 09:40
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 15:53	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 15:53	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 15:53	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 15:53	1
1,1-Dichloroethane	**0.287**	**J**	1.00	0.220	ug/L			04/10/25 15:53	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 15:53	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 15:53	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 15:53	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 15:53	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 15:53	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 15:53	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 15:53	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 15:53	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 15:53	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 15:53	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 15:53	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 15:53	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 15:53	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 15:53	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 15:53	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 15:53	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 15:53	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 15:53	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 15:53	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 15:53	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 15:53	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 15:53	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 15:53	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 15:53	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 15:53	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 15:53	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 15:53	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 15:53	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			04/10/25 15:53	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 15:53	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 15:53	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 15:53	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 15:53	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 15:53	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 15:53	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 15:53	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 15:53	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 15:53	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 15:53	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 15:53	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 15:53	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 15:53	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 15:53	1

Client Sample ID: MW-15-10R_25_04
Lab Sample ID: 310-303769-6
Date Collected: 04/08/25 09:40
Matrix: Water
Date Received: 04/09/25 11:38

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*73 - 130*		*04/10/25 15:53*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/10/25 15:53*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*04/10/25 15:53*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.61		10.2	5.61	ug/L		04/10/25 08:10	04/14/25 13:42	1
Phenol	<1.12		10.2	1.12	ug/L		04/10/25 08:10	04/14/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*56*		*25 - 110*	*04/10/25 08:10*	*04/14/25 13:42*	*1*
Phenol-d5 (Surr)	*50*		*21 - 110*	*04/10/25 08:10*	*04/14/25 13:42*	*1*
Nitrobenzene-d5 (Surr)	*81*		*45 - 129*	*04/10/25 08:10*	*04/14/25 13:42*	*1*
2-Fluorobiphenyl (Surr)	*69*		*39 - 118*	*04/10/25 08:10*	*04/14/25 13:42*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*27 - 136*	*04/10/25 08:10*	*04/14/25 13:42*	*1*
Terphenyl-d14 (Surr)	*86*		*12 - 144*	*04/10/25 08:10*	*04/14/25 13:42*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:18	1
Arsenic	**0.0111**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:18	1
Barium	**0.113**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:18	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:18	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:18	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:18	1
Cobalt	**0.00346**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:18	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:18	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:18	1
Nickel	**0.0132**		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:18	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:18	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:18	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:18	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:18	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.41		3.00	1.41	mg/L		04/15/25 11:03	04/15/25 13:41	1
Total Suspended Solids (USGS I-3765-85)	**7.20**		3.00	2.10	mg/L			04/10/25 14:17	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-16-03_25_04
Lab Sample ID: 310-303769-7
Date Collected: 04/08/25 08:40
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 16:15	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 16:15	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 16:15	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 16:15	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 16:15	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 16:15	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 16:15	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 16:15	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 16:15	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 16:15	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 16:15	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 16:15	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 16:15	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 16:15	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 16:15	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 16:15	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 16:15	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 16:15	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 16:15	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 16:15	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 16:15	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 16:15	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 16:15	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 16:15	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 16:15	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 16:15	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 16:15	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 16:15	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 16:15	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 16:15	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 16:15	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 16:15	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 16:15	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			04/10/25 16:15	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 16:15	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 16:15	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 16:15	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 16:15	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 16:15	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 16:15	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 16:15	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 16:15	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 16:15	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 16:15	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 16:15	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 16:15	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 16:15	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 16:15	1

Client Sample ID: MW-16-03_25_04
Lab Sample ID: 310-303769-7
Date Collected: 04/08/25 08:40
Matrix: Water
Date Received: 04/09/25 11:38

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*73 - 130*		*04/10/25 16:15*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*04/10/25 16:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*04/10/25 16:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.73		10.4	5.73	ug/L		04/10/25 08:10	04/14/25 14:08	1
Phenol	<1.15		10.4	1.15	ug/L		04/10/25 08:10	04/14/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*61*		*25 - 110*	*04/10/25 08:10*	*04/14/25 14:08*	*1*
Phenol-d5 (Surr)	*55*		*21 - 110*	*04/10/25 08:10*	*04/14/25 14:08*	*1*
Nitrobenzene-d5 (Surr)	*80*		*45 - 129*	*04/10/25 08:10*	*04/14/25 14:08*	*1*
2-Fluorobiphenyl (Surr)	*69*		*39 - 118*	*04/10/25 08:10*	*04/14/25 14:08*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*27 - 136*	*04/10/25 08:10*	*04/14/25 14:08*	*1*
Terphenyl-d14 (Surr)	*94*		*12 - 144*	*04/10/25 08:10*	*04/14/25 14:08*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:21	1
Arsenic	**0.00155**	**J**	0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:21	1
Barium	**0.145**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:21	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:21	1
Cadmium	**0.000108**	**J**	0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:21	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:21	1
Cobalt	**0.00934**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:21	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:21	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:21	1
Nickel	**0.0592**		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:21	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:21	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:21	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:21	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:21	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.41		3.00	1.41	mg/L		04/15/25 11:03	04/15/25 13:41	1
Total Suspended Solids (USGS I-3765-85)	**11.3**		5.00	3.50	mg/L			04/11/25 09:35	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: MW-20-03_25_04
Date Collected: 04/07/25 17:15
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 16:36	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 16:36	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 16:36	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 16:36	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 16:36	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 16:36	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 16:36	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 16:36	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 16:36	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 16:36	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 16:36	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 16:36	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 16:36	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 16:36	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 16:36	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 16:36	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 16:36	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 16:36	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 16:36	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 16:36	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 16:36	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 16:36	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 16:36	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 16:36	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 16:36	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 16:36	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 16:36	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 16:36	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 16:36	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 16:36	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 16:36	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 16:36	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 16:36	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			04/10/25 16:36	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 16:36	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 16:36	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 16:36	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 16:36	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 16:36	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 16:36	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 16:36	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 16:36	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 16:36	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 16:36	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 16:36	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 16:36	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 16:36	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 16:36	1

Client Sample ID: MW-20-03_25_04
Lab Sample ID: 310-303769-8
Date Collected: 04/07/25 17:15
Matrix: Water
Date Received: 04/09/25 11:38

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*126*		*73 - 130*		*04/10/25 16:36*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/10/25 16:36*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*04/10/25 16:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.73		10.4	5.73	ug/L		04/10/25 08:10	04/14/25 14:35	1
Phenol	<1.15		10.4	1.15	ug/L		04/10/25 08:10	04/14/25 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*69*		*25 - 110*	*04/10/25 08:10*	*04/14/25 14:35*	*1*
Phenol-d5 (Surr)	*62*		*21 - 110*	*04/10/25 08:10*	*04/14/25 14:35*	*1*
Nitrobenzene-d5 (Surr)	*90*		*45 - 129*	*04/10/25 08:10*	*04/14/25 14:35*	*1*
2-Fluorobiphenyl (Surr)	*77*		*39 - 118*	*04/10/25 08:10*	*04/14/25 14:35*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*27 - 136*	*04/10/25 08:10*	*04/14/25 14:35*	*1*
Terphenyl-d14 (Surr)	*106*		*12 - 144*	*04/10/25 08:10*	*04/14/25 14:35*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:24	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:24	1
Barium	**0.0759**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:24	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:24	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:24	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:24	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:24	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:24	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:24	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:24	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:24	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:24	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:24	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:24	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.41		3.00	1.41	mg/L		04/11/25 12:05	04/11/25 14:01	1
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			04/10/25 14:17	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-22A-03_25_04
Lab Sample ID: 310-303769-9
Date Collected: 04/07/25 16:35
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 16:58	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 16:58	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 16:58	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 16:58	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 16:58	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 16:58	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 16:58	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 16:58	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 16:58	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 16:58	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 16:58	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 16:58	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 16:58	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 16:58	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 16:58	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 16:58	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 16:58	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 16:58	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 16:58	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 16:58	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 16:58	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 16:58	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 16:58	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 16:58	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 16:58	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 16:58	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 16:58	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 16:58	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 16:58	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 16:58	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 16:58	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 16:58	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 16:58	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			04/10/25 16:58	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 16:58	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 16:58	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 16:58	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 16:58	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 16:58	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 16:58	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 16:58	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 16:58	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 16:58	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 16:58	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 16:58	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 16:58	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 16:58	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 16:58	1

Client Sample ID: MW-22A-03_25_04
Lab Sample ID: 310-303769-9
Date Collected: 04/07/25 16:35
Matrix: Water
Date Received: 04/09/25 11:38

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*73 - 130*		*04/10/25 16:58*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*04/10/25 16:58*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*04/10/25 16:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.73		10.4	5.73	ug/L		04/10/25 08:10	04/14/25 15:01	1
Phenol	<1.15		10.4	1.15	ug/L		04/10/25 08:10	04/14/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*57*		*25 - 110*	*04/10/25 08:10*	*04/14/25 15:01*	*1*
Phenol-d5 (Surr)	*48*		*21 - 110*	*04/10/25 08:10*	*04/14/25 15:01*	*1*
Nitrobenzene-d5 (Surr)	*85*		*45 - 129*	*04/10/25 08:10*	*04/14/25 15:01*	*1*
2-Fluorobiphenyl (Surr)	*74*		*39 - 118*	*04/10/25 08:10*	*04/14/25 15:01*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*27 - 136*	*04/10/25 08:10*	*04/14/25 15:01*	*1*
Terphenyl-d14 (Surr)	*100*		*12 - 144*	*04/10/25 08:10*	*04/14/25 15:01*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:27	1
Arsenic	**0.000880**	**J**	0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:27	1
Barium	**0.115**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:27	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:27	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:27	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:27	1
Cobalt	**0.000190**	**J**	0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:27	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:27	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:27	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:27	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:27	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:27	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:27	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:27	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.41		3.00	1.41	mg/L		04/11/25 12:05	04/11/25 14:01	1
Total Suspended Solids (USGS I-3765-85)	**3.87**		1.88	1.31	mg/L			04/10/25 14:17	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-23-03_05_04
Lab Sample ID: 310-303769-10
Date Collected: 04/07/25 15:45
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 17:20	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 17:20	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 17:20	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 17:20	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 17:20	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 17:20	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 17:20	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 17:20	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 17:20	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 17:20	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 17:20	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 17:20	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 17:20	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 17:20	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 17:20	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 17:20	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 17:20	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 17:20	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 17:20	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 17:20	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 17:20	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 17:20	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 17:20	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 17:20	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 17:20	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 17:20	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 17:20	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 17:20	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 17:20	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 17:20	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 17:20	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 17:20	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 17:20	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			04/10/25 17:20	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 17:20	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 17:20	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 17:20	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 17:20	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 17:20	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 17:20	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 17:20	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 17:20	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 17:20	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 17:20	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 17:20	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 17:20	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 17:20	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 17:20	1

Client Sample ID: MW-23-03_05_04
Lab Sample ID: 310-303769-10
Date Collected: 04/07/25 15:45
Matrix: Water
Date Received: 04/09/25 11:38

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*127*		*73 - 130*		*04/10/25 17:20*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/10/25 17:20*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*04/10/25 17:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.73		10.4	5.73	ug/L		04/10/25 08:10	04/14/25 15:27	1
Phenol	<1.15		10.4	1.15	ug/L		04/10/25 08:10	04/14/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*43*		*25 - 110*	*04/10/25 08:10*	*04/14/25 15:27*	*1*
Phenol-d5 (Surr)	*37*		*21 - 110*	*04/10/25 08:10*	*04/14/25 15:27*	*1*
Nitrobenzene-d5 (Surr)	*60*		*45 - 129*	*04/10/25 08:10*	*04/14/25 15:27*	*1*
2-Fluorobiphenyl (Surr)	*53*		*39 - 118*	*04/10/25 08:10*	*04/14/25 15:27*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*27 - 136*	*04/10/25 08:10*	*04/14/25 15:27*	*1*
Terphenyl-d14 (Surr)	*66*		*12 - 144*	*04/10/25 08:10*	*04/14/25 15:27*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:38	1
Arsenic	**0.00836**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:38	1
Barium	**0.228**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:38	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:38	1
Cadmium	**0.000241**		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:38	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:38	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:38	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:38	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:38	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:38	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:38	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:38	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:38	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:38	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.41		3.00	1.41	mg/L		04/11/25 12:05	04/11/25 14:01	1
Total Suspended Solids (USGS I-3765-85)	**1.63**	**J**	1.88	1.31	mg/L			04/10/25 14:17	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: MW-101A-12_25_04
Date Collected: 04/08/25 13:35
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 17:41	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 17:41	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 17:41	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 17:41	1
1,1-Dichloroethane	**8.19**		1.00	0.220	ug/L			04/10/25 17:41	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 17:41	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 17:41	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 17:41	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 17:41	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 17:41	1
1,2-Dichloroethane	**0.406**	**J**	1.00	0.390	ug/L			04/10/25 17:41	1
1,2-Dichloropropane	**3.11**		1.00	0.270	ug/L			04/10/25 17:41	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 17:41	1
2-Butanone (MEK)	**2.24**	**J**	10.0	2.10	ug/L			04/10/25 17:41	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 17:41	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 17:41	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 17:41	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 17:41	1
Benzene	**0.588**		0.500	0.220	ug/L			04/10/25 17:41	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 17:41	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 17:41	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 17:41	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 17:41	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 17:41	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 17:41	1
Chlorobenzene	**5.11**		1.00	0.400	ug/L			04/10/25 17:41	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 17:41	1
Chloroethane	**1.29**	**J**	4.00	0.790	ug/L			04/10/25 17:41	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 17:41	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 17:41	1
cis-1,2-Dichloroethene	**16.8**		1.00	0.210	ug/L			04/10/25 17:41	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 17:41	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 17:41	1
Dichlorodifluoromethane	**2.49**	**J**	3.00	0.250	ug/L			04/10/25 17:41	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 17:41	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 17:41	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 17:41	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 17:41	1
Tetrachloroethene	**1.48**		1.00	0.480	ug/L			04/10/25 17:41	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 17:41	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 17:41	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 17:41	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 17:41	1
Trichloroethene	**7.42**		1.00	0.430	ug/L			04/10/25 17:41	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 17:41	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 17:41	1
Vinyl chloride	**5.58**		1.00	0.180	ug/L			04/10/25 17:41	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 17:41	1

Client Sample ID: MW-101A-12_25_04
Lab Sample ID: 310-303769-11
Date Collected: 04/08/25 13:35
Matrix: Water
Date Received: 04/09/25 11:38

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*73 - 130*		*04/10/25 17:41*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/10/25 17:41*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*04/10/25 17:41*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.61		10.2	5.61	ug/L		04/10/25 08:10	04/14/25 15:54	1
Phenol	<1.12		10.2	1.12	ug/L		04/10/25 08:10	04/14/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*66*		*25 - 110*	*04/10/25 08:10*	*04/14/25 15:54*	*1*
Phenol-d5 (Surr)	*58*		*21 - 110*	*04/10/25 08:10*	*04/14/25 15:54*	*1*
Nitrobenzene-d5 (Surr)	*94*		*45 - 129*	*04/10/25 08:10*	*04/14/25 15:54*	*1*
2-Fluorobiphenyl (Surr)	*77*		*39 - 118*	*04/10/25 08:10*	*04/14/25 15:54*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*27 - 136*	*04/10/25 08:10*	*04/14/25 15:54*	*1*
Terphenyl-d14 (Surr)	*102*		*12 - 144*	*04/10/25 08:10*	*04/14/25 15:54*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:41	1
Arsenic	**0.0117**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:41	1
Barium	**0.846**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:41	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:41	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:41	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:41	1
Cobalt	**0.000603**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:41	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:41	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:41	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:41	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:41	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:41	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:41	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:41	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**9.40**		3.00	2.10	mg/L			04/10/25 18:03	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: MW-105A-12_25_04
Date Collected: 04/08/25 10:40
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 18:03	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 18:03	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 18:03	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 18:03	1
1,1-Dichloroethane	**0.238**	**J**	1.00	0.220	ug/L			04/10/25 18:03	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 18:03	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 18:03	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 18:03	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 18:03	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 18:03	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 18:03	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 18:03	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 18:03	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 18:03	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 18:03	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 18:03	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 18:03	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 18:03	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 18:03	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 18:03	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 18:03	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 18:03	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 18:03	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 18:03	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 18:03	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 18:03	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 18:03	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 18:03	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 18:03	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 18:03	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 18:03	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 18:03	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 18:03	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 18:03	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 18:03	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 18:03	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 18:03	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 18:03	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 18:03	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 18:03	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 18:03	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 18:03	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 18:03	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 18:03	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 18:03	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 18:03	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*127*		*73 - 130*		*04/10/25 18:03*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-105A-12_25_04
Lab Sample ID: 310-303769-12
Date Collected: 04/08/25 10:40
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*80 - 120*		*04/10/25 18:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*04/10/25 18:03*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:47	1
Arsenic	**0.00467**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:47	1
Barium	**0.262**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:47	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:47	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:47	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:47	1
Cobalt	**0.00738**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:47	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:47	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:47	1
Nickel	**0.0121**		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:47	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:47	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:47	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:47	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:47	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**12.0**		7.50	5.25	mg/L			04/10/25 18:03	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: MW-106A-12_25_04
Date Collected: 04/07/25 18:10
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 18:25	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 18:25	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 18:25	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 18:25	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 18:25	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 18:25	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 18:25	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 18:25	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 18:25	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 18:25	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 18:25	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 18:25	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 18:25	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 18:25	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 18:25	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 18:25	1
Acetone	**5.17**	**J**	10.0	3.10	ug/L			04/10/25 18:25	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 18:25	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 18:25	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 18:25	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 18:25	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 18:25	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 18:25	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 18:25	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 18:25	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 18:25	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 18:25	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 18:25	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 18:25	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 18:25	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 18:25	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 18:25	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 18:25	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			04/10/25 18:25	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 18:25	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 18:25	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 18:25	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 18:25	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 18:25	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 18:25	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 18:25	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 18:25	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 18:25	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 18:25	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 18:25	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 18:25	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 18:25	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 18:25	1

Client Sample ID: MW-106A-12_25_04
Lab Sample ID: 310-303769-13
Date Collected: 04/07/25 18:10
Matrix: Water
Date Received: 04/09/25 11:38

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*126*		*73 - 130*		*04/10/25 18:25*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*04/10/25 18:25*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*04/10/25 18:25*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.73		10.4	5.73	ug/L		04/10/25 08:10	04/14/25 16:20	1
Phenol	<1.15		10.4	1.15	ug/L		04/10/25 08:10	04/14/25 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*14*	*S1-*	*25 - 110*	*04/10/25 08:10*	*04/14/25 16:20*	*1*
Phenol-d5 (Surr)	*17*	*S1-*	*21 - 110*	*04/10/25 08:10*	*04/14/25 16:20*	*1*
Nitrobenzene-d5 (Surr)	*30*	*S1-*	*45 - 129*	*04/10/25 08:10*	*04/14/25 16:20*	*1*
2-Fluorobiphenyl (Surr)	*28*	*S1-*	*39 - 118*	*04/10/25 08:10*	*04/14/25 16:20*	*1*
2,4,6-Tribromophenol (Surr)	*11*	*S1-*	*27 - 136*	*04/10/25 08:10*	*04/14/25 16:20*	*1*
Terphenyl-d14 (Surr)	*32*		*12 - 144*	*04/10/25 08:10*	*04/14/25 16:20*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:50	1
Arsenic	**0.0174**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:50	1
Barium	**0.0906**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:50	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:50	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:50	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:50	1
Cobalt	**0.0124**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:50	1
Copper	**0.00715**		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:50	1
Lead	**0.000456**	**J**	0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:50	1
Nickel	**0.0171**		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:50	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:50	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:50	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:50	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:50	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.41		3.00	1.41	mg/L		04/11/25 12:05	04/11/25 14:01	1
Total Suspended Solids (USGS I-3765-85)	**88.0**		30.0	21.0	mg/L			04/10/25 14:17	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: FD-1_25_04
Date Collected: 04/08/25 00:00
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 18:47	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 18:47	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 18:47	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 18:47	1
1,1-Dichloroethane	**0.226**	**J**	1.00	0.220	ug/L			04/10/25 18:47	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 18:47	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 18:47	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 18:47	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 18:47	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 18:47	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 18:47	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 18:47	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 18:47	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 18:47	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 18:47	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 18:47	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 18:47	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 18:47	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 18:47	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 18:47	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 18:47	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 18:47	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 18:47	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 18:47	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 18:47	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 18:47	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 18:47	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 18:47	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 18:47	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 18:47	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 18:47	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 18:47	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 18:47	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 18:47	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 18:47	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 18:47	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 18:47	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 18:47	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 18:47	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 18:47	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 18:47	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 18:47	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 18:47	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 18:47	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 18:47	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 18:47	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*73 - 130*		*04/10/25 18:47*	*1*

Client Sample ID: FD-1_25_04
Lab Sample ID: 310-303769-14
Date Collected: 04/08/25 00:00
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/10/25 18:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*04/10/25 18:47*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:52	1
Arsenic	**0.00484**		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:52	1
Barium	**0.265**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:52	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:52	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:52	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:52	1
Cobalt	**0.00731**		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:52	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:52	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:52	1
Nickel	**0.0119**		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:52	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:52	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:52	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:52	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:52	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**10.0**		7.50	5.25	mg/L			04/10/25 18:03	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: FD-2_25_04
Date Collected: 04/08/25 00:00
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 19:08	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 19:08	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 19:08	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 19:08	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 19:08	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 19:08	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 19:08	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 19:08	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 19:08	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 19:08	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 19:08	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 19:08	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 19:08	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 19:08	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 19:08	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 19:08	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 19:08	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 19:08	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 19:08	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 19:08	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 19:08	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 19:08	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 19:08	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 19:08	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 19:08	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 19:08	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 19:08	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 19:08	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 19:08	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 19:08	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 19:08	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 19:08	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 19:08	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 19:08	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 19:08	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 19:08	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 19:08	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 19:08	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 19:08	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 19:08	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 19:08	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 19:08	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 19:08	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 19:08	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 19:08	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 19:08	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*126*		*73 - 130*		*04/10/25 19:08*	*1*

Client Sample ID: FD-2_25_04
Lab Sample ID: 310-303769-15
Date Collected: 04/08/25 00:00
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/10/25 19:08*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*04/10/25 19:08*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:55	1
Arsenic	**0.000855**	**J**	0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:55	1
Barium	**0.0443**		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:55	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:55	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:55	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:55	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:55	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:55	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:55	1
Nickel	**0.00382**	**J**	0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:55	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:55	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:55	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:55	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:55	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<3.50		5.00	3.50	mg/L			04/10/25 15:21	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: FB-1_25_04
Lab Sample ID: 310-303769-16
Date Collected: 04/08/25 08:35
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 12:37	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 12:37	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 12:37	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 12:37	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 12:37	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 12:37	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 12:37	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 12:37	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 12:37	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 12:37	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 12:37	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 12:37	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 12:37	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 12:37	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 12:37	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 12:37	1
Acetone	**3.95**	**J**	10.0	3.10	ug/L			04/10/25 12:37	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 12:37	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 12:37	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 12:37	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 12:37	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 12:37	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 12:37	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 12:37	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 12:37	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 12:37	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 12:37	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 12:37	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 12:37	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 12:37	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 12:37	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 12:37	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 12:37	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			04/10/25 12:37	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 12:37	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 12:37	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 12:37	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 12:37	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 12:37	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 12:37	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 12:37	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 12:37	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 12:37	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 12:37	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 12:37	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 12:37	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 12:37	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 12:37	1

Client Sample ID: FB-1_25_04
Lab Sample ID: 310-303769-16
Date Collected: 04/08/25 08:35
Matrix: Water
Date Received: 04/09/25 11:38

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*73 - 130*		*04/10/25 12:37*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/10/25 12:37*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*04/10/25 12:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.73		10.4	5.73	ug/L		04/10/25 08:10	04/14/25 16:47	1
Phenol	<1.15	*3	10.4	1.15	ug/L		04/10/25 08:10	04/14/25 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*5*	*S1- *3*	*25 - 110*	*04/10/25 08:10*	*04/14/25 16:47*	*1*
Phenol-d5 (Surr)	*0.05*	*S1- *3*	*21 - 110*	*04/10/25 08:10*	*04/14/25 16:47*	*1*
Nitrobenzene-d5 (Surr)	*103*	*3*	*45 - 129*	*04/10/25 08:10*	*04/14/25 16:47*	*1*
2-Fluorobiphenyl (Surr)	*45*		*39 - 118*	*04/10/25 08:10*	*04/14/25 16:47*	*1*
2,4,6-Tribromophenol (Surr)	*13*	*S1-*	*27 - 136*	*04/10/25 08:10*	*04/14/25 16:47*	*1*
Terphenyl-d14 (Surr)	*51*		*12 - 144*	*04/10/25 08:10*	*04/14/25 16:47*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 16:58	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 16:58	1
Barium	<0.000660		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 16:58	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 16:58	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 16:58	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 16:58	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 16:58	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 16:58	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 16:58	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 16:58	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 16:58	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 16:58	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 16:58	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 16:58	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 16:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.41		3.00	1.41	mg/L		04/15/25 11:03	04/15/25 13:41	1
Total Suspended Solids (USGS I-3765-85)	<3.50		5.00	3.50	mg/L			04/10/25 15:21	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Client Sample ID: TB-1_25_04
Date Collected: 04/08/25 00:00
Date Received: 04/09/25 11:38

Lab Sample ID: 310-303769-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 12:59	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 12:59	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 12:59	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 12:59	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 12:59	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 12:59	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 12:59	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 12:59	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 12:59	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 12:59	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 12:59	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 12:59	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 12:59	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 12:59	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 12:59	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 12:59	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 12:59	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 12:59	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 12:59	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 12:59	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 12:59	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 12:59	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 12:59	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 12:59	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 12:59	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 12:59	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 12:59	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 12:59	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 12:59	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 12:59	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 12:59	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 12:59	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 12:59	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 12:59	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 12:59	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 12:59	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 12:59	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 12:59	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 12:59	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 12:59	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 12:59	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 12:59	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 12:59	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 12:59	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 12:59	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 12:59	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*73 - 130*		*04/10/25 12:59*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: TB-1_25_04
Lab Sample ID: 310-303769-17
Date Collected: 04/08/25 00:00
Matrix: Water
Date Received: 04/09/25 11:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		04/10/25 12:59	1
4-Bromofluorobenzene (Surr)	107		80 - 120		04/10/25 12:59	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(73-130)	(80-120)	(80-120)
310-303769-1	GUA-1_25_04	122	94	102
310-303769-1 MS	GUA-1_25_04	97	99	96
310-303769-1 MSD	GUA-1_25_04	100	98	93
310-303769-2	GUA-1-2_25_04	122	94	105
310-303769-3	MW-2A-89_25_04	124	94	103
310-303769-4	MW-8A-89_25_04	125	92	99
310-303769-5	MW-9-92_25_04	118	93	103
310-303769-6	MW-15-10R_25_04	124	93	101
310-303769-7	MW-16-03_25_04	124	89	100
310-303769-8	MW-20-03_25_04	126	94	97
310-303769-9	MW-22A-03_25_04	124	91	99
310-303769-10	MW-23-03_05_04	127	93	102
310-303769-11	MW-101A-12_25_04	122	93	101
310-303769-12	MW-105A-12_25_04	127	91	101
310-303769-13	MW-106A-12_25_04	126	92	99
310-303769-14	FD-1_25_04	124	93	100
310-303769-15	FD-2_25_04	126	93	103
310-303769-16	FB-1_25_04	122	94	102
310-303769-17	TB-1_25_04	122	94	107
LCS 310-451195/7	Lab Control Sample	98	98	99
LCS 310-451195/8	Lab Control Sample	119	96	106
MB 310-451195/6	Method Blank	119	94	103

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		2FP	PHL	NBZ	FBP	TBP	TPHL
Lab Sample ID	Client Sample ID	(25-110)	(21-110)	(45-129)	(39-118)	(27-136)	(12-144)
310-303769-6	MW-15-10R_25_04	56	50	81	69	69	86
310-303769-7	MW-16-03_25_04	61	55	80	69	70	94
310-303769-8	MW-20-03_25_04	69	62	90	77	82	106
310-303769-9	MW-22A-03_25_04	57	48	85	74	76	100
310-303769-10	MW-23-03_05_04	43	37	60	53	52	66
310-303769-11	MW-101A-12_25_04	66	58	94	77	78	102
310-303769-13	MW-106A-12_25_04	14 S1-	17 S1-	30 S1-	28 S1-	11 S1-	32
310-303769-16	FB-1_25_04	5 S1- *3	0.05 S1- *3	103 *3	45	13 S1-	51
LCS 310-451168/2-A	Lab Control Sample	70	61	86	70	93	98
LCSD 310-451168/3-A	Lab Control Sample Dup	72	63	87	68	97	99
MB 310-451168/1-A	Method Blank	56	48	77	61	76	89

Surrogate Legend

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-303769-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-451195/6
Matrix: Water
Analysis Batch: 451195

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/10/25 11:10	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/10/25 11:10	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/10/25 11:10	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/10/25 11:10	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/10/25 11:10	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/10/25 11:10	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/10/25 11:10	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			04/10/25 11:10	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/10/25 11:10	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/10/25 11:10	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/10/25 11:10	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/10/25 11:10	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/10/25 11:10	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/10/25 11:10	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/10/25 11:10	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/10/25 11:10	1
Acetone	<3.10		10.0	3.10	ug/L			04/10/25 11:10	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/10/25 11:10	1
Benzene	<0.220		0.500	0.220	ug/L			04/10/25 11:10	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/10/25 11:10	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/10/25 11:10	1
Bromoform	<0.780		5.00	0.780	ug/L			04/10/25 11:10	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/10/25 11:10	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/10/25 11:10	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/10/25 11:10	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/10/25 11:10	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/10/25 11:10	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/10/25 11:10	1
Chloroform	<1.30		3.00	1.30	ug/L			04/10/25 11:10	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/10/25 11:10	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/10/25 11:10	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/10/25 11:10	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/10/25 11:10	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			04/10/25 11:10	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/10/25 11:10	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/10/25 11:10	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			04/10/25 11:10	1
Styrene	<0.370		1.00	0.370	ug/L			04/10/25 11:10	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/10/25 11:10	1
Toluene	<0.430		1.00	0.430	ug/L			04/10/25 11:10	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/10/25 11:10	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/10/25 11:10	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/10/25 11:10	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/10/25 11:10	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/10/25 11:10	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/10/25 11:10	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/10/25 11:10	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/10/25 11:10	1

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

Lab Sample ID: MB 310-451195/6
Matrix: Water
Analysis Batch: 451195

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*119*		*73 - 130*		*04/10/25 11:10*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/10/25 11:10*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*04/10/25 11:10*	*1*

Lab Sample ID: LCS 310-451195/7
Matrix: Water
Analysis Batch: 451195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	16.38		ug/L		82	71 - 120
1,1,1-Trichloroethane	20.0	18.79		ug/L		94	73 - 129
1,1,2,2-Tetrachloroethane	20.0	18.50		ug/L		93	68 - 124
1,1,2-Trichloroethane	20.0	18.40		ug/L		92	73 - 123
1,1-Dichloroethane	20.0	19.35		ug/L		97	70 - 127
1,1-Dichloroethene	20.0	16.16		ug/L		81	63 - 132
1,2,3-Trichloropropane	20.0	17.42		ug/L		87	65 - 127
1,2-Dibromo-3-Chloropropane	20.0	17.45		ug/L		87	50 - 150
1,2-Dibromoethane (EDB)	20.0	18.05		ug/L		90	75 - 125
1,2-Dichlorobenzene	20.0	18.04		ug/L		90	74 - 120
1,2-Dichloroethane	20.0	20.76		ug/L		104	71 - 125
1,2-Dichloropropane	20.0	22.53		ug/L		113	73 - 124
1,4-Dichlorobenzene	20.0	19.10		ug/L		95	72 - 120
2-Butanone (MEK)	40.0	35.95		ug/L		90	50 - 150
2-Hexanone	40.0	34.23		ug/L		86	60 - 140
4-Methyl-2-pentanone (MIBK)	40.0	35.74		ug/L		89	60 - 139
Acetone	40.0	31.36		ug/L		78	50 - 150
Acrylonitrile	200	184.3		ug/L		92	50 - 150
Benzene	20.0	18.29		ug/L		91	72 - 124
Bromochloromethane	20.0	18.00		ug/L		90	73 - 130
Bromodichloromethane	20.0	18.14		ug/L		91	74 - 122
Bromoform	20.0	15.63		ug/L		78	61 - 122
Carbon disulfide	20.0	21.08		ug/L		105	59 - 135
Carbon tetrachloride	20.0	19.05		ug/L		95	67 - 132
Chlorobenzene	20.0	18.19		ug/L		91	76 - 120
Chlorodibromomethane	20.0	17.07		ug/L		85	71 - 121
Chloroform	20.0	19.16		ug/L		96	72 - 125
cis-1,2-Dichloroethene	20.0	18.44		ug/L		92	74 - 123
cis-1,3-Dichloropropene	20.0	18.27		ug/L		91	71 - 125
Dibromomethane	20.0	18.90		ug/L		94	74 - 125
Ethylbenzene	20.0	16.53		ug/L		83	74 - 122
Iodomethane	20.0	14.24		ug/L		71	10 - 150
Methylene Chloride	20.0	19.62		ug/L		98	50 - 150
Styrene	20.0	16.36		ug/L		82	74 - 121
Tetrachloroethene	20.0	16.72		ug/L		84	71 - 130
Toluene	20.0	19.12		ug/L		96	74 - 123
trans-1,2-Dichloroethene	20.0	20.22		ug/L		101	70 - 126
trans-1,3-Dichloropropene	20.0	18.35		ug/L		92	69 - 123
trans-1,4-Dichloro-2-butene	20.0	19.03		ug/L		95	50 - 150

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

Lab Sample ID: LCS 310-451195/7
Matrix: Water
Analysis Batch: 451195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	20.0	19.00		ug/L		95	72 - 126
Vinyl acetate	40.0	41.08		ug/L		103	50 - 150
Xylenes, Total	40.0	33.42		ug/L		84	73 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*73 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: LCS 310-451195/8
Matrix: Water
Analysis Batch: 451195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	17.50		ug/L		88	23 - 150
Chloroethane	20.0	20.18		ug/L		101	54 - 136
Chloromethane	20.0	22.84		ug/L		114	38 - 150
Trichlorofluoromethane	20.0	19.95		ug/L		100	54 - 149
Vinyl chloride	20.0	21.01		ug/L		105	56 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*119*		*73 - 130*
Toluene-d8 (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*

Lab Sample ID: 310-303769-1 MS
Matrix: Water
Analysis Batch: 451195

Client Sample ID: GUA-1_25_04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.380		25.0	20.37		ug/L		81	55 - 130
1,1,1-Trichloroethane	<0.190		25.0	22.49		ug/L		90	52 - 130
1,1,2,2-Tetrachloroethane	<0.470		25.0	22.54		ug/L		90	54 - 130
1,1,2-Trichloroethane	<0.450		25.0	22.37		ug/L		89	58 - 130
1,1-Dichloroethane	1.42		25.0	24.19		ug/L		91	49 - 130
1,1-Dichloroethene	<0.560		25.0	20.95		ug/L		84	37 - 132
1,2,3-Trichloropropane	<0.590		25.0	20.10		ug/L		80	49 - 130
1,2-Dibromo-3-Chloropropane	<1.20		25.0	19.28		ug/L		77	38 - 150
1,2-Dibromoethane (EDB)	<0.340		25.0	21.18		ug/L		85	60 - 130
1,2-Dichlorobenzene	<0.370		25.0	21.24		ug/L		85	59 - 130
1,2-Dichloroethane	<0.390		25.0	25.19		ug/L		101	51 - 130
1,2-Dichloropropane	<0.270		25.0	27.39		ug/L		110	57 - 130
1,4-Dichlorobenzene	<0.230		25.0	22.64		ug/L		91	57 - 130
2-Butanone (MEK)	<2.10		50.0	43.38		ug/L		87	38 - 150
2-Hexanone	<2.00		50.0	39.91		ug/L		80	46 - 140
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	42.98		ug/L		86	47 - 139
Acetone	<3.10		50.0	54.03		ug/L		108	31 - 150
Acrylonitrile	<2.20		250	214.8		ug/L		86	40 - 150

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

Lab Sample ID: 310-303769-1 MS
Matrix: Water
Analysis Batch: 451195

Client Sample ID: GUA-1_25_04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.643		25.0	22.48		ug/L		87	46 - 130
Bromochloromethane	<0.540		25.0	20.77		ug/L		83	57 - 130
Bromodichloromethane	<0.390		25.0	21.19		ug/L		85	57 - 130
Bromoform	<0.780		25.0	19.21		ug/L		77	44 - 130
Carbon disulfide	<0.450		25.0	25.34		ug/L		101	38 - 135
Carbon tetrachloride	<0.650		25.0	22.70		ug/L		91	45 - 132
Chlorobenzene	<0.400		25.0	21.55		ug/L		86	59 - 130
Chlorodibromomethane	<0.750		25.0	20.12		ug/L		80	54 - 130
Chloroform	<1.30		25.0	22.17		ug/L		89	51 - 130
cis-1,2-Dichloroethene	<0.210		25.0	22.73		ug/L		91	45 - 130
cis-1,3-Dichloropropene	<0.250		25.0	21.11		ug/L		84	53 - 130
Dibromomethane	<0.330		25.0	23.69		ug/L		95	59 - 130
Ethylbenzene	<0.310		25.0	19.80		ug/L		79	45 - 130
Iodomethane	<7.00		25.0	17.71		ug/L		71	10 - 150
Methylene Chloride	<1.70		25.0	23.18		ug/L		93	37 - 150
Styrene	<0.370		25.0	19.64		ug/L		79	47 - 130
Tetrachloroethene	<0.480		25.0	19.95		ug/L		80	47 - 130
Toluene	<0.430		25.0	23.15		ug/L		93	51 - 130
trans-1,2-Dichloroethene	<0.270		25.0	23.86		ug/L		95	48 - 130
trans-1,3-Dichloropropene	<0.560		25.0	21.57		ug/L		86	50 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	22.76		ug/L		91	26 - 150
Trichloroethene	<0.430		25.0	22.77		ug/L		91	51 - 130
Vinyl acetate	<2.50		50.0	50.16		ug/L		100	29 - 150
Xylenes, Total	<0.400		50.0	37.88		ug/L		76	43 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*73 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Lab Sample ID: 310-303769-1 MSD
Matrix: Water
Analysis Batch: 451195

Client Sample ID: GUA-1_25_04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.380		25.0	18.96		ug/L		76	55 - 130	7	20
1,1,1-Trichloroethane	<0.190		25.0	20.58		ug/L		82	52 - 130	9	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	20.83		ug/L		83	54 - 130	8	20
1,1,2-Trichloroethane	<0.450		25.0	20.51		ug/L		82	58 - 130	9	20
1,1-Dichloroethane	1.42		25.0	22.17		ug/L		83	49 - 130	9	20
1,1-Dichloroethene	<0.560		25.0	19.69		ug/L		79	37 - 132	6	26
1,2,3-Trichloropropane	<0.590		25.0	19.15		ug/L		77	49 - 130	5	26
1,2-Dibromo-3-Chloropropane	<1.20		25.0	16.89		ug/L		68	38 - 150	13	20
1,2-Dibromoethane (EDB)	<0.340		25.0	19.97		ug/L		80	60 - 130	6	20
1,2-Dichlorobenzene	<0.370		25.0	20.77		ug/L		83	59 - 130	2	20
1,2-Dichloroethane	<0.390		25.0	23.23		ug/L		93	51 - 130	8	20
1,2-Dichloropropane	<0.270		25.0	24.20		ug/L		97	57 - 130	12	20
1,4-Dichlorobenzene	<0.230		25.0	19.90		ug/L		80	57 - 130	13	20

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

Lab Sample ID: 310-303769-1 MSD
Matrix: Water
Analysis Batch: 451195

Client Sample ID: GUA-1_25_04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	<2.10		50.0	39.92		ug/L		80	38 - 150	8	20
2-Hexanone	<2.00		50.0	40.06		ug/L		80	46 - 140	0	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	41.48		ug/L		83	47 - 139	4	20
Acetone	<3.10		50.0	40.68		ug/L		81	31 - 150	28	29
Acrylonitrile	<2.20		250	208.6		ug/L		83	40 - 150	3	20
Benzene	0.643		25.0	20.85		ug/L		81	46 - 130	8	20
Bromochloromethane	<0.540		25.0	19.42		ug/L		78	57 - 130	7	20
Bromodichloromethane	<0.390		25.0	20.55		ug/L		82	57 - 130	3	20
Bromoform	<0.780		25.0	17.49		ug/L		70	44 - 130	9	20
Carbon disulfide	<0.450		25.0	23.15		ug/L		93	38 - 135	9	30
Carbon tetrachloride	<0.650		25.0	21.54		ug/L		86	45 - 132	5	20
Chlorobenzene	<0.400		25.0	20.43		ug/L		82	59 - 130	5	20
Chlorodibromomethane	<0.750		25.0	19.65		ug/L		79	54 - 130	2	20
Chloroform	<1.30		25.0	21.02		ug/L		84	51 - 130	5	20
cis-1,2-Dichloroethene	<0.210		25.0	20.81		ug/L		83	45 - 130	9	20
cis-1,3-Dichloropropene	<0.250		25.0	20.53		ug/L		82	53 - 130	3	20
Dibromomethane	<0.330		25.0	21.01		ug/L		84	59 - 130	12	20
Ethylbenzene	<0.310		25.0	18.58		ug/L		74	45 - 130	6	20
Iodomethane	<7.00		25.0	18.77		ug/L		75	10 - 150	6	35
Methylene Chloride	<1.70		25.0	21.54		ug/L		86	37 - 150	7	24
Styrene	<0.370		25.0	18.63		ug/L		75	47 - 130	5	20
Tetrachloroethene	<0.480		25.0	18.90		ug/L		76	47 - 130	5	20
Toluene	<0.430		25.0	21.57		ug/L		86	51 - 130	7	20
trans-1,2-Dichloroethene	<0.270		25.0	22.70		ug/L		91	48 - 130	5	22
trans-1,3-Dichloropropene	<0.560		25.0	20.49		ug/L		82	50 - 130	5	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	20.89		ug/L		84	26 - 150	9	23
Trichloroethene	<0.430		25.0	21.23		ug/L		85	51 - 130	7	20
Vinyl acetate	<2.50		50.0	45.14		ug/L		90	29 - 150	11	23
Xylenes, Total	<0.400		50.0	36.05		ug/L		72	43 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*73 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-451168/1-A
Matrix: Water
Analysis Batch: 451513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.50		10.0	5.50	ug/L		04/10/25 08:10	04/14/25 12:23	1
Phenol	<1.10		10.0	1.10	ug/L		04/10/25 08:10	04/14/25 12:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*56*		*25 - 110*	*04/10/25 08:10*	*04/14/25 12:23*	*1*
Phenol-d5 (Surr)	*48*		*21 - 110*	*04/10/25 08:10*	*04/14/25 12:23*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-451168/1-A
Matrix: Water
Analysis Batch: 451513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451168

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	77		45 - 129	04/10/25 08:10	04/14/25 12:23	1
2-Fluorobiphenyl (Surr)	61		39 - 118	04/10/25 08:10	04/14/25 12:23	1
2,4,6-Tribromophenol (Surr)	76		27 - 136	04/10/25 08:10	04/14/25 12:23	1
Terphenyl-d14 (Surr)	89		12 - 144	04/10/25 08:10	04/14/25 12:23	1

Lab Sample ID: LCS 310-451168/2-A
Matrix: Water
Analysis Batch: 451513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451168

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bis(2-ethylhexyl) phthalate			100	111.8		ug/L		112	43 - 143		
Phenol			100	59.63		ug/L		60	29 - 110		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	70		25 - 110
Phenol-d5 (Surr)	61		21 - 110
Nitrobenzene-d5 (Surr)	86		45 - 129
2-Fluorobiphenyl (Surr)	70		39 - 118
2,4,6-Tribromophenol (Surr)	93		27 - 136
Terphenyl-d14 (Surr)	98		12 - 144

Lab Sample ID: LCSD 310-451168/3-A
Matrix: Water
Analysis Batch: 451513

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 451168

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate			100	120.6		ug/L		121	43 - 143	8	35
Phenol			100	65.49		ug/L		65	29 - 110	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorophenol (Surr)	72		25 - 110
Phenol-d5 (Surr)	63		21 - 110
Nitrobenzene-d5 (Surr)	87		45 - 129
2-Fluorobiphenyl (Surr)	68		39 - 118
2,4,6-Tribromophenol (Surr)	97		27 - 136
Terphenyl-d14 (Surr)	99		12 - 144

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-451250/1-A
Matrix: Water
Analysis Batch: 451606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/11/25 09:00	04/14/25 15:41	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/11/25 09:00	04/14/25 15:41	1
Barium	<0.000660		0.00200	0.000660	mg/L		04/11/25 09:00	04/14/25 15:41	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/11/25 09:00	04/14/25 15:41	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-451250/1-A
Matrix: Water
Analysis Batch: 451606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/11/25 09:00	04/14/25 15:41	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/11/25 09:00	04/14/25 15:41	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/11/25 09:00	04/14/25 15:41	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/11/25 09:00	04/14/25 15:41	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/11/25 09:00	04/14/25 15:41	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/11/25 09:00	04/14/25 15:41	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/11/25 09:00	04/14/25 15:41	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/11/25 09:00	04/14/25 15:41	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/11/25 09:00	04/14/25 15:41	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/11/25 09:00	04/14/25 15:41	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/11/25 09:00	04/14/25 15:41	1

Lab Sample ID: LCS 310-451250/2-A
Matrix: Water
Analysis Batch: 451606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451250

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2102		mg/L		105	80 - 120
Arsenic	0.200	0.1994		mg/L		100	80 - 120
Barium	0.100	0.1123		mg/L		112	80 - 120
Beryllium	0.100	0.09371		mg/L		94	80 - 120
Cadmium	0.100	0.1003		mg/L		100	80 - 120
Chromium	0.100	0.1070		mg/L		107	80 - 120
Cobalt	0.100	0.1098		mg/L		110	80 - 120
Copper	0.200	0.2157		mg/L		108	80 - 120
Lead	0.200	0.2061		mg/L		103	80 - 120
Nickel	0.200	0.2163		mg/L		108	80 - 120
Selenium	0.400	0.3826		mg/L		96	80 - 120
Silver	0.100	0.1047		mg/L		105	80 - 120
Thallium	0.100	0.1033		mg/L		103	80 - 120
Vanadium	0.100	0.1072		mg/L		107	80 - 120
Zinc	0.200	0.1877		mg/L		94	80 - 120

Lab Sample ID: 310-303769-1 MS
Matrix: Water
Analysis Batch: 451606

Client Sample ID: GUA-1_25_04
Prep Type: Total/NA
Prep Batch: 451250

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00100		0.200	0.2200		mg/L		110	75 - 125
Arsenic	0.0295		0.200	0.2404		mg/L		105	75 - 125
Barium	0.815		0.100	0.9002	4	mg/L		85	75 - 125
Beryllium	<0.000330		0.100	0.09864		mg/L		99	75 - 125
Cadmium	<0.000100		0.100	0.1035		mg/L		103	75 - 125
Chromium	<0.00180		0.100	0.1068		mg/L		107	75 - 125
Cobalt	0.000818		0.100	0.1073		mg/L		106	75 - 125
Copper	<0.00320		0.200	0.2080		mg/L		104	75 - 125
Lead	<0.000330		0.200	0.2085		mg/L		104	75 - 125
Nickel	0.0180		0.200	0.2263		mg/L		104	75 - 125
Selenium	<0.00140		0.400	0.3930		mg/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-303769-1 MS — **Client Sample ID: GUA-1_25_04**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 451606 — **Prep Batch: 451250**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	<0.000500		0.100	0.1031		mg/L		103	75 - 125
Thallium	<0.000570		0.100	0.09327		mg/L		93	75 - 125
Vanadium	<0.00170		0.100	0.1089		mg/L		109	75 - 125
Zinc	<0.0130		0.200	0.1939		mg/L		97	75 - 125

Lab Sample ID: 310-303769-1 MSD — **Client Sample ID: GUA-1_25_04**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 451606 — **Prep Batch: 451250**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.200	0.2213		mg/L		111	75 - 125	1	20
Arsenic	0.0295		0.200	0.2407		mg/L		106	75 - 125	0	20
Barium	0.815		0.100	0.9223	4	mg/L		108	75 - 125	2	20
Beryllium	<0.000330		0.100	0.09697		mg/L		97	75 - 125	2	20
Cadmium	<0.000100		0.100	0.1037		mg/L		104	75 - 125	0	20
Chromium	<0.00180		0.100	0.1061		mg/L		106	75 - 125	1	20
Cobalt	0.000818		0.100	0.1065		mg/L		106	75 - 125	1	20
Copper	<0.00320		0.200	0.2057		mg/L		103	75 - 125	1	20
Lead	<0.000330		0.200	0.2073		mg/L		104	75 - 125	1	20
Nickel	0.0180		0.200	0.2250		mg/L		104	75 - 125	1	20
Selenium	<0.00140		0.400	0.3916		mg/L		98	75 - 125	0	20
Silver	<0.000500		0.100	0.1042		mg/L		104	75 - 125	1	20
Thallium	<0.000570		0.100	0.09458		mg/L		95	75 - 125	1	20
Vanadium	<0.00170		0.100	0.1083		mg/L		108	75 - 125	1	20
Zinc	<0.0130		0.200	0.1931		mg/L		97	75 - 125	0	20

Lab Sample ID: 310-303769-11 DU — **Client Sample ID: MW-101A-12_25_04**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 451606 — **Prep Batch: 451250**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.0117		0.01195		mg/L		2	20
Barium	0.846		0.8659		mg/L		2	20
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	<0.00180		<0.00180		mg/L		NC	20
Cobalt	0.000603		0.0005950		mg/L		1	20
Copper	<0.00320		<0.00320		mg/L		NC	20
Lead	<0.000330		<0.000330		mg/L		NC	20
Nickel	<0.00230		<0.00230		mg/L		NC	20
Selenium	<0.00140		<0.00140		mg/L		NC	20
Silver	<0.000500		<0.000500		mg/L		NC	20
Thallium	<0.000570		<0.000570		mg/L		NC	20
Vanadium	<0.00170		<0.00170		mg/L		NC	20
Zinc	<0.0130		<0.0130		mg/L		NC	20

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 240-651849/1-A
Matrix: Water
Analysis Batch: 651872

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.41		3.00	1.41	mg/L		04/11/25 12:05	04/11/25 14:01	1

Lab Sample ID: LCS 240-651849/2-A
Matrix: Water
Analysis Batch: 651872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651849

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	7.87	7.067		mg/L		90	70 - 120

Lab Sample ID: MB 240-652189/1-A
Matrix: Water
Analysis Batch: 652237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 652189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.41		3.00	1.41	mg/L		04/15/25 11:03	04/15/25 13:41	1

Lab Sample ID: LCS 240-652189/2-A
Matrix: Water
Analysis Batch: 652237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 652189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	7.73	8.160		mg/L		106	70 - 120

Lab Sample ID: 310-303769-16 MS
Matrix: Water
Analysis Batch: 652237

Client Sample ID: FB-1_25_04
Prep Type: Total/NA
Prep Batch: 652189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<1.41		7.73	6.560		mg/L		85	32 - 130

Lab Sample ID: 310-303769-16 MSD
Matrix: Water
Analysis Batch: 652237

Client Sample ID: FB-1_25_04
Prep Type: Total/NA
Prep Batch: 652189

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.41		7.73	6.960		mg/L		90	32 - 130	6	30

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-451252/1
Matrix: Water
Analysis Batch: 451252

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/10/25 14:17	1

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: LCS 310-451252/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 451252

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	103.0		mg/L		103	81 - 116

Lab Sample ID: MB 310-451260/1
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 451260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/10/25 15:21	1

Lab Sample ID: LCS 310-451260/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 451260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	108.0		mg/L		108	81 - 116

Lab Sample ID: 310-303769-1 DU
Client Sample ID: GUA-1_25_04
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 451260

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	22.0		20.50		mg/L		7	35

Lab Sample ID: MB 310-451270/1
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 451270

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/10/25 18:03	1

Lab Sample ID: LCS 310-451270/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 451270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	97.00		mg/L		97	81 - 116

Lab Sample ID: MB 310-451341/1
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 451341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/11/25 09:35	1

Lab Sample ID: LCS 310-451341/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 451341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	104.0		mg/L		104	81 - 116

GC/MS VOA

Analysis Batch: 451195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-1	GUA-1_25_04	Total/NA	Water	8260D	
310-303769-2	GUA-1-2_25_04	Total/NA	Water	8260D	
310-303769-3	MW-2A-89_25_04	Total/NA	Water	8260D	
310-303769-4	MW-8A-89_25_04	Total/NA	Water	8260D	
310-303769-5	MW-9-92_25_04	Total/NA	Water	8260D	
310-303769-6	MW-15-10R_25_04	Total/NA	Water	8260D	
310-303769-7	MW-16-03_25_04	Total/NA	Water	8260D	
310-303769-8	MW-20-03_25_04	Total/NA	Water	8260D	
310-303769-9	MW-22A-03_25_04	Total/NA	Water	8260D	
310-303769-10	MW-23-03_05_04	Total/NA	Water	8260D	
310-303769-11	MW-101A-12_25_04	Total/NA	Water	8260D	
310-303769-12	MW-105A-12_25_04	Total/NA	Water	8260D	
310-303769-13	MW-106A-12_25_04	Total/NA	Water	8260D	
310-303769-14	FD-1_25_04	Total/NA	Water	8260D	
310-303769-15	FD-2_25_04	Total/NA	Water	8260D	
310-303769-16	FB-1_25_04	Total/NA	Water	8260D	
310-303769-17	TB-1_25_04	Total/NA	Water	8260D	
MB 310-451195/6	Method Blank	Total/NA	Water	8260D	
LCS 310-451195/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-451195/8	Lab Control Sample	Total/NA	Water	8260D	
310-303769-1 MS	GUA-1_25_04	Total/NA	Water	8260D	
310-303769-1 MSD	GUA-1_25_04	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 451168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-6	MW-15-10R_25_04	Total/NA	Water	3510C	
310-303769-7	MW-16-03_25_04	Total/NA	Water	3510C	
310-303769-8	MW-20-03_25_04	Total/NA	Water	3510C	
310-303769-9	MW-22A-03_25_04	Total/NA	Water	3510C	
310-303769-10	MW-23-03_05_04	Total/NA	Water	3510C	
310-303769-11	MW-101A-12_25_04	Total/NA	Water	3510C	
310-303769-13	MW-106A-12_25_04	Total/NA	Water	3510C	
310-303769-16	FB-1_25_04	Total/NA	Water	3510C	
MB 310-451168/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-451168/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-451168/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 451513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-6	MW-15-10R_25_04	Total/NA	Water	8270E	451168
310-303769-7	MW-16-03_25_04	Total/NA	Water	8270E	451168
310-303769-8	MW-20-03_25_04	Total/NA	Water	8270E	451168
310-303769-9	MW-22A-03_25_04	Total/NA	Water	8270E	451168
310-303769-10	MW-23-03_05_04	Total/NA	Water	8270E	451168
310-303769-11	MW-101A-12_25_04	Total/NA	Water	8270E	451168
310-303769-13	MW-106A-12_25_04	Total/NA	Water	8270E	451168
310-303769-16	FB-1_25_04	Total/NA	Water	8270E	451168
MB 310-451168/1-A	Method Blank	Total/NA	Water	8270E	451168
LCS 310-451168/2-A	Lab Control Sample	Total/NA	Water	8270E	451168

GC/MS Semi VOA (Continued)

Analysis Batch: 451513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 310-451168/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	451168

Metals

Prep Batch: 451250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-1	GUA-1_25_04	Total/NA	Water	3005A	
310-303769-2	GUA-1-2_25_04	Total/NA	Water	3005A	
310-303769-3	MW-2A-89_25_04	Total/NA	Water	3005A	
310-303769-4	MW-8A-89_25_04	Total/NA	Water	3005A	
310-303769-5	MW-9-92_25_04	Total/NA	Water	3005A	
310-303769-6	MW-15-10R_25_04	Total/NA	Water	3005A	
310-303769-7	MW-16-03_25_04	Total/NA	Water	3005A	
310-303769-8	MW-20-03_25_04	Total/NA	Water	3005A	
310-303769-9	MW-22A-03_25_04	Total/NA	Water	3005A	
310-303769-10	MW-23-03_05_04	Total/NA	Water	3005A	
310-303769-11	MW-101A-12_25_04	Total/NA	Water	3005A	
310-303769-12	MW-105A-12_25_04	Total/NA	Water	3005A	
310-303769-13	MW-106A-12_25_04	Total/NA	Water	3005A	
310-303769-14	FD-1_25_04	Total/NA	Water	3005A	
310-303769-15	FD-2_25_04	Total/NA	Water	3005A	
310-303769-16	FB-1_25_04	Total/NA	Water	3005A	
MB 310-451250/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-451250/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-303769-1 MS	GUA-1_25_04	Total/NA	Water	3005A	
310-303769-1 MSD	GUA-1_25_04	Total/NA	Water	3005A	
310-303769-11 DU	MW-101A-12_25_04	Total/NA	Water	3005A	

Analysis Batch: 451606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-1	GUA-1_25_04	Total/NA	Water	6020B	451250
310-303769-2	GUA-1-2_25_04	Total/NA	Water	6020B	451250
310-303769-3	MW-2A-89_25_04	Total/NA	Water	6020B	451250
310-303769-4	MW-8A-89_25_04	Total/NA	Water	6020B	451250
310-303769-5	MW-9-92_25_04	Total/NA	Water	6020B	451250
310-303769-6	MW-15-10R_25_04	Total/NA	Water	6020B	451250
310-303769-7	MW-16-03_25_04	Total/NA	Water	6020B	451250
310-303769-8	MW-20-03_25_04	Total/NA	Water	6020B	451250
310-303769-9	MW-22A-03_25_04	Total/NA	Water	6020B	451250
310-303769-10	MW-23-03_05_04	Total/NA	Water	6020B	451250
310-303769-11	MW-101A-12_25_04	Total/NA	Water	6020B	451250
310-303769-12	MW-105A-12_25_04	Total/NA	Water	6020B	451250
310-303769-13	MW-106A-12_25_04	Total/NA	Water	6020B	451250
310-303769-14	FD-1_25_04	Total/NA	Water	6020B	451250
310-303769-15	FD-2_25_04	Total/NA	Water	6020B	451250
310-303769-16	FB-1_25_04	Total/NA	Water	6020B	451250
MB 310-451250/1-A	Method Blank	Total/NA	Water	6020B	451250
LCS 310-451250/2-A	Lab Control Sample	Total/NA	Water	6020B	451250
310-303769-1 MS	GUA-1_25_04	Total/NA	Water	6020B	451250
310-303769-1 MSD	GUA-1_25_04	Total/NA	Water	6020B	451250
310-303769-11 DU	MW-101A-12_25_04	Total/NA	Water	6020B	451250

General Chemistry

Analysis Batch: 451252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-3	MW-2A-89_25_04	Total/NA	Water	I-3765-85	
310-303769-6	MW-15-10R_25_04	Total/NA	Water	I-3765-85	
310-303769-8	MW-20-03_25_04	Total/NA	Water	I-3765-85	
310-303769-9	MW-22A-03_25_04	Total/NA	Water	I-3765-85	
310-303769-10	MW-23-03_05_04	Total/NA	Water	I-3765-85	
310-303769-13	MW-106A-12_25_04	Total/NA	Water	I-3765-85	
MB 310-451252/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-451252/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 451260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-1	GUA-1_25_04	Total/NA	Water	I-3765-85	
310-303769-2	GUA-1-2_25_04	Total/NA	Water	I-3765-85	
310-303769-4	MW-8A-89_25_04	Total/NA	Water	I-3765-85	
310-303769-15	FD-2_25_04	Total/NA	Water	I-3765-85	
310-303769-16	FB-1_25_04	Total/NA	Water	I-3765-85	
MB 310-451260/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-451260/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-303769-1 DU	GUA-1_25_04	Total/NA	Water	I-3765-85	

Analysis Batch: 451270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-11	MW-101A-12_25_04	Total/NA	Water	I-3765-85	
310-303769-12	MW-105A-12_25_04	Total/NA	Water	I-3765-85	
310-303769-14	FD-1_25_04	Total/NA	Water	I-3765-85	
MB 310-451270/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-451270/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 451341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-5	MW-9-92_25_04	Total/NA	Water	I-3765-85	
310-303769-7	MW-16-03_25_04	Total/NA	Water	I-3765-85	
MB 310-451341/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-451341/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Prep Batch: 651849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-8	MW-20-03_25_04	Total/NA	Water	9030B	
310-303769-9	MW-22A-03_25_04	Total/NA	Water	9030B	
310-303769-10	MW-23-03_05_04	Total/NA	Water	9030B	
310-303769-13	MW-106A-12_25_04	Total/NA	Water	9030B	
MB 240-651849/1-A	Method Blank	Total/NA	Water	9030B	
LCS 240-651849/2-A	Lab Control Sample	Total/NA	Water	9030B	

Analysis Batch: 651872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-8	MW-20-03_25_04	Total/NA	Water	9034	651849
310-303769-9	MW-22A-03_25_04	Total/NA	Water	9034	651849
310-303769-10	MW-23-03_05_04	Total/NA	Water	9034	651849
310-303769-13	MW-106A-12_25_04	Total/NA	Water	9034	651849
MB 240-651849/1-A	Method Blank	Total/NA	Water	9034	651849

General Chemistry (Continued)

Analysis Batch: 651872 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-651849/2-A	Lab Control Sample	Total/NA	Water	9034	651849

Prep Batch: 652189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-3	MW-2A-89_25_04	Total/NA	Water	9030B	
310-303769-6	MW-15-10R_25_04	Total/NA	Water	9030B	
310-303769-7	MW-16-03_25_04	Total/NA	Water	9030B	
310-303769-16	FB-1_25_04	Total/NA	Water	9030B	
MB 240-652189/1-A	Method Blank	Total/NA	Water	9030B	
LCS 240-652189/2-A	Lab Control Sample	Total/NA	Water	9030B	
310-303769-16 MS	FB-1_25_04	Total/NA	Water	9030B	
310-303769-16 MSD	FB-1_25_04	Total/NA	Water	9030B	

Analysis Batch: 652237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303769-3	MW-2A-89_25_04	Total/NA	Water	9034	652189
310-303769-6	MW-15-10R_25_04	Total/NA	Water	9034	652189
310-303769-7	MW-16-03_25_04	Total/NA	Water	9034	652189
310-303769-16	FB-1_25_04	Total/NA	Water	9034	652189
MB 240-652189/1-A	Method Blank	Total/NA	Water	9034	652189
LCS 240-652189/2-A	Lab Control Sample	Total/NA	Water	9034	652189
310-303769-16 MS	FB-1_25_04	Total/NA	Water	9034	652189
310-303769-16 MSD	FB-1_25_04	Total/NA	Water	9034	652189

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: GUA-1_25_04
Lab Sample ID: 310-303769-1
Date Collected: 04/08/25 16:25
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 14:04
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 15:47
Total/NA	Analysis	I-3765-85		1	451260	XJ7V	EET CF	04/10/25 15:21

Client Sample ID: GUA-1-2_25_04
Lab Sample ID: 310-303769-2
Date Collected: 04/08/25 16:20
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 14:26
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:07
Total/NA	Analysis	I-3765-85		1	451260	XJ7V	EET CF	04/10/25 15:21

Client Sample ID: MW-2A-89_25_04
Lab Sample ID: 310-303769-3
Date Collected: 04/08/25 14:55
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 14:47
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:10
Total/NA	Prep	9030B			652189	C5SV	EET CLE	04/15/25 11:03
Total/NA	Analysis	9034		1	652237	C5SV	EET CLE	04/15/25 13:41
Total/NA	Analysis	I-3765-85		1	451252	XJ7V	EET CF	04/10/25 14:17

Client Sample ID: MW-8A-89_25_04
Lab Sample ID: 310-303769-4
Date Collected: 04/08/25 15:45
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 15:09
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:12
Total/NA	Analysis	I-3765-85		1	451260	XJ7V	EET CF	04/10/25 15:21

Client Sample ID: MW-9-92_25_04
Lab Sample ID: 310-303769-5
Date Collected: 04/08/25 12:30
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 15:31
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:15

Client Sample ID: MW-9-92_25_04
Lab Sample ID: 310-303769-5

Date Collected: 04/08/25 12:30
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	I-3765-85		1	451341	HE7K	EET CF	04/11/25 09:35

Client Sample ID: MW-15-10R_25_04
Lab Sample ID: 310-303769-6

Date Collected: 04/08/25 09:40
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 15:53
Total/NA	Prep	3510C			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	8270E		1	451513	V7YZ	EET CF	04/14/25 13:42
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:18
Total/NA	Prep	9030B			652189	C5SV	EET CLE	04/15/25 11:03
Total/NA	Analysis	9034		1	652237	C5SV	EET CLE	04/15/25 13:41
Total/NA	Analysis	I-3765-85		1	451252	XJ7V	EET CF	04/10/25 14:17

Client Sample ID: MW-16-03_25_04
Lab Sample ID: 310-303769-7

Date Collected: 04/08/25 08:40
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 16:15
Total/NA	Prep	3510C			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	8270E		1	451513	V7YZ	EET CF	04/14/25 14:08
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:21
Total/NA	Prep	9030B			652189	C5SV	EET CLE	04/15/25 11:03
Total/NA	Analysis	9034		1	652237	C5SV	EET CLE	04/15/25 13:41
Total/NA	Analysis	I-3765-85		1	451341	HE7K	EET CF	04/11/25 09:35

Client Sample ID: MW-20-03_25_04
Lab Sample ID: 310-303769-8

Date Collected: 04/07/25 17:15
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 16:36
Total/NA	Prep	3510C			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	8270E		1	451513	V7YZ	EET CF	04/14/25 14:35
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:24
Total/NA	Prep	9030B			651849	C5SV	EET CLE	04/11/25 12:05
Total/NA	Analysis	9034		1	651872	C5SV	EET CLE	04/11/25 14:01
Total/NA	Analysis	I-3765-85		1	451252	XJ7V	EET CF	04/10/25 14:17

Client Sample ID: MW-22A-03_25_04
Lab Sample ID: 310-303769-9

Date Collected: 04/07/25 16:35
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 16:58
Total/NA	Prep	3510C			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	8270E		1	451513	V7YZ	EET CF	04/14/25 15:01
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:27
Total/NA	Prep	9030B			651849	C5SV	EET CLE	04/11/25 12:05
Total/NA	Analysis	9034		1	651872	C5SV	EET CLE	04/11/25 14:01
Total/NA	Analysis	I-3765-85		1	451252	XJ7V	EET CF	04/10/25 14:17

Client Sample ID: MW-23-03_05_04
Lab Sample ID: 310-303769-10

Date Collected: 04/07/25 15:45
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 17:20
Total/NA	Prep	3510C			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	8270E		1	451513	V7YZ	EET CF	04/14/25 15:27
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:38
Total/NA	Prep	9030B			651849	C5SV	EET CLE	04/11/25 12:05
Total/NA	Analysis	9034		1	651872	C5SV	EET CLE	04/11/25 14:01
Total/NA	Analysis	I-3765-85		1	451252	XJ7V	EET CF	04/10/25 14:17

Client Sample ID: MW-101A-12_25_04
Lab Sample ID: 310-303769-11

Date Collected: 04/08/25 13:35
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 17:41
Total/NA	Prep	3510C			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	8270E		1	451513	V7YZ	EET CF	04/14/25 15:54
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:41
Total/NA	Analysis	I-3765-85		1	451270	XJ7V	EET CF	04/10/25 18:03

Client Sample ID: MW-105A-12_25_04
Lab Sample ID: 310-303769-12

Date Collected: 04/08/25 10:40
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 18:03
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:47
Total/NA	Analysis	I-3765-85		1	451270	XJ7V	EET CF	04/10/25 18:03

Client Sample ID: MW-106A-12_25_04
Lab Sample ID: 310-303769-13

Date Collected: 04/07/25 18:10
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 18:25
Total/NA	Prep	3510C			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	8270E		1	451513	V7YZ	EET CF	04/14/25 16:20
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:50
Total/NA	Prep	9030B			651849	C5SV	EET CLE	04/11/25 12:05
Total/NA	Analysis	9034		1	651872	C5SV	EET CLE	04/11/25 14:01
Total/NA	Analysis	I-3765-85		1	451252	XJ7V	EET CF	04/10/25 14:17

Client Sample ID: FD-1_25_04
Lab Sample ID: 310-303769-14

Date Collected: 04/08/25 00:00
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 18:47
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:52
Total/NA	Analysis	I-3765-85		1	451270	XJ7V	EET CF	04/10/25 18:03

Client Sample ID: FD-2_25_04
Lab Sample ID: 310-303769-15

Date Collected: 04/08/25 00:00
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 19:08
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:55
Total/NA	Analysis	I-3765-85		1	451260	XJ7V	EET CF	04/10/25 15:21

Client Sample ID: FB-1_25_04
Lab Sample ID: 310-303769-16

Date Collected: 04/08/25 08:35
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 12:37
Total/NA	Prep	3510C			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	8270E		1	451513	V7YZ	EET CF	04/14/25 16:47
Total/NA	Prep	3005A			451250	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	6020B		1	451606	NFT2	EET CF	04/14/25 16:58
Total/NA	Prep	9030B			652189	C5SV	EET CLE	04/15/25 11:03
Total/NA	Analysis	9034		1	652237	C5SV	EET CLE	04/15/25 13:41
Total/NA	Analysis	I-3765-85		1	451260	XJ7V	EET CF	04/10/25 15:21

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: TB-1_25_04
Lab Sample ID: 310-303769-17
Date Collected: 04/08/25 00:00
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451195	WSE8	EET CF	04/10/25 12:59

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

Method Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303769-1
Project/Site: Landfill of North Iowa Groundwater

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CLE
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	EET CLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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310-303769 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth Infrastructure

City/State: CITY Cedar Rapids STATE IA | Project: Landfill North IA.

Receipt Information

Date/Time Received: DATE 4/9/25 TIME 1138 | Received By: JL

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☑ Client Drop-off ☐ Other: _____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 1 of 3

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☑ No *If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE

Thermometer ID: AA | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): -0.4 | Corrected Temp (°C): -0.4

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding If no, proceed with login

Additional Comments

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Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth Infrastructure

City/State: CITY Cedar Rapids STATE IA Project: Landfill North IA.

Receipt Information

Date/Time Received: DATE 4/9/25 TIME 1138 Received By: JL

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☑ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 2 of 3

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: AA Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.0 Corrected Temp (°C): 0.0

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used.		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth Infrastructure

City/State: CITY Cedar Rapids | STATE IA | Project: Landfill North IA.

Receipt Information

Date/Time Received: DATE 4/9/25 | TIME 1138 | Received By: JC

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☑ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 3 of 3

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☑ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

GW 1-2, MW 8A, 2A, 10A, 9, FD-2,

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: AH | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): -0.4 | Corrected Temp (°C): -0.4

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 1 of 2 **COC Number:** 1-3865545471-031325-249611

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To:	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina wilming@foth com	Project Name: Landfill of North Iowa	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz, Tyler Merritt
hannah dubbs@foth com	Task #: 24L005_25_04	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: N	N	N	N	N	Filtered (Y/N)	REMARKS / Lab ID
															IA Appendix I List	TSS	Bis(2-ethylhexyl)phthalate	Dichlorodifluoromethane	Sulfide		
1	GUA-1_25_04 •	GUA-1	WG	G	04/08/25	16:25	8	4		1	3				X	X					
2	GUA-1-2_25_04 •	GUA-1-2	WG	G	4/8/25	16:20	8	4		1	3				X	X					
3	MW-2A-89_25_04 •	MW-2A-89	WG	G	4/8/25	14:55	14	6		1	3	1			X	X			X		
4	MW-8A-89_25_04 •	MW-8A-89	WG	G	4/8/25	15:45	8	4		1	3				X	X					
5	MW-9-92_25_04 •	MW-9-92	WG	G	4/8/25	12:30	8	4		1	3				X	X					
6	MW-15-10R_25_04 •	MW-15-10R	WG	G	4/8/25	09:40	11	6		1	3	1			X	X	X	X	X		
7	MW-16-03_25_04 •	MW-16-03	WG	G	4/8/25	08:46	14	6		1	3	1			X	X	X	X	X		
8	MW-20-03_25_04 •	MW-20-03	WG	G	4/7/25	17:15	11	6		1	3	1			X	X	X	X	X		
9	MW-22A-03_25_04 •	MW-22A-03	WG	G	4/7/25	16:35	11	6		1	3	1			X	X	X	X	X		
10	MW-23-03_25_04 •	MW-23-03	WG	G	4/7/25	15:45	11	6		1	3	1			X	X	X	X	X		
11	MW-101A-12_25_04 •	MW-101A-12	WG	G	4/8/25	13:35	11	6		1	3	1			X	X	X	X			
12	MW-105A-12_25_04 •	MW-105A-12	WG	G	4/8/25	10:40	8	4		1	3				X	X					

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		4/9	11:37		4/9	11:38

SAMPLE CONDITION:

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Curtis Schwartz

SIGNATURE of SAMPLER

DATE Signed: 04-09-25

4/22/2025

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 2 of 2 **COC Number:** 1-3865545471-031325-249611

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To:	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: Landfill of North Iowa	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz, Tyler Merritt
hannah.dubbs@foth.com	Task #: 24L005_25_04	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: IA Appendix I List	TSS	Bis(2-ethylhexyl)phthalate	Dichlorodifluoromethane	Sulfide	IA App. I VOCs Only	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N		
13	MW-106A-12_25_04	MW-106A-12	WG	G	4/7/25	18:10	11	6		1	3	1			X	X	X	X	X			
14	FD-1_25_04		WG	G	4/8/25	—	8	4		1	3				X	X						
15	FD-2_25_04		WG	G	4/8/25	—	8	4		1	3				X	X						
16	FB-1_25_04	FB-1	WQ	G	4/8/25	08:35	11	6		1	3	1			X	X	X	X	X			
17	TB-1_25_04	Trip Blank	WQ	G	—	—														X		
18	TB-2_25_04	Trip Blank	WQ	G																X		do not analyze
19	TB-3_25_04	Trip Blank	WQ	G																X		do not analyze
20																						
21																						
22																						
23																						
24																						

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
									4/9	11:38

SAMPLE CONDITION:

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Valid Matrix Codes

Matrix	Code
Soil	SO
Sediment	SE
Surface Water	WS
Wastewater	WW
Groundwater	WG
Ambient Air	AA
Other	X

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Curtis Schwartz

SIGNATURE of SAMPLER

DATE Signed 04-09-25

8/1/2025

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-81899.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Program - Iowa		Job #: 310-303769-1
Address: 180 S. Van Buren Avenue,	Due Date Requested: 4/28/2025	Analysis Requested		Preservation Codes:
City: Barberton	TAT Requested (days): N/A			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #: N/A			Other: N/A
Email: N/A	WO #: N/A			
Project Name: Landfill of North Iowa Groundwater	Project #: 31006450			
Site: N/A	SSOW#: N/A			

976

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9034_Calc/9030B Sulfide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-2A-89_25_04 (310-303769-3)	4/8/25	14:55 Central	G	Water			X	1	
MW-15-10R_25_04 (310-303769-6)	4/8/25	09:40 Central	G	Water			X	1	
MW-16-03_25_04 (310-303769-7)	4/8/25	08:40 Central	G	Water			X	1	
MW-20-03_25_04 (310-303769-8)	4/7/25	17:15 Central	G	Water			X	1	
MW-22A-03_25_04 (310-303769-9)	4/7/25	16:35 Central	G	Water			X	1	
MW-23-03_05_04 (310-303769-10)	4/7/25	15:45 Central	G	Water			X	1	
MW-106A-12_25_04 (310-303769-13)	4/7/25	18:10 Central	G	Water			X	1	
FB-1_25_04 (310-303769-16)	4/8/25	08:35 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC.Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by:	Date/Time: 4 9 25 1525	Company	Received by: JAYDEN COLLINS	Date/Time: 4/10/25 950	Company EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Date/Time:	Company	Received by:	Date/Time:	Company
			Cooler Temperature(s) °C and Other Remarks:		

Ver: 10/10/2024

Eurofins – Cleveland Sample Receipt Form/Narrative Login # :
Barberton Facility

Client Eurofins Cedar Falls Site Name
Cooler Received on 4-10-25 Opened on 4-10-25
Cooler unpacked by JAYDEN COLLINS
FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other
Receipt After-hours: Drop-off Date/Time Storage Location
Eurofins Cooler # 6E Foam Box Client Cooler Box Other
Packing material used: Bubble Wrap Foam Plastic Bag None Other
COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN # 15 (CF 0.1 °C) Observed Cooler Temp 3.2 °C Corrected Cooler Temp. 3.1 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3 Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5 Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7 Did all bottles arrive in good condition (Unbroken)?	Yes	No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	Yes	No
11 Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC457151
14 Were VOAs on the COC?	Yes	No
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this	Yes	No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #	Yes	No
17 Was a LL Hg or Me Hg trip blank present?	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

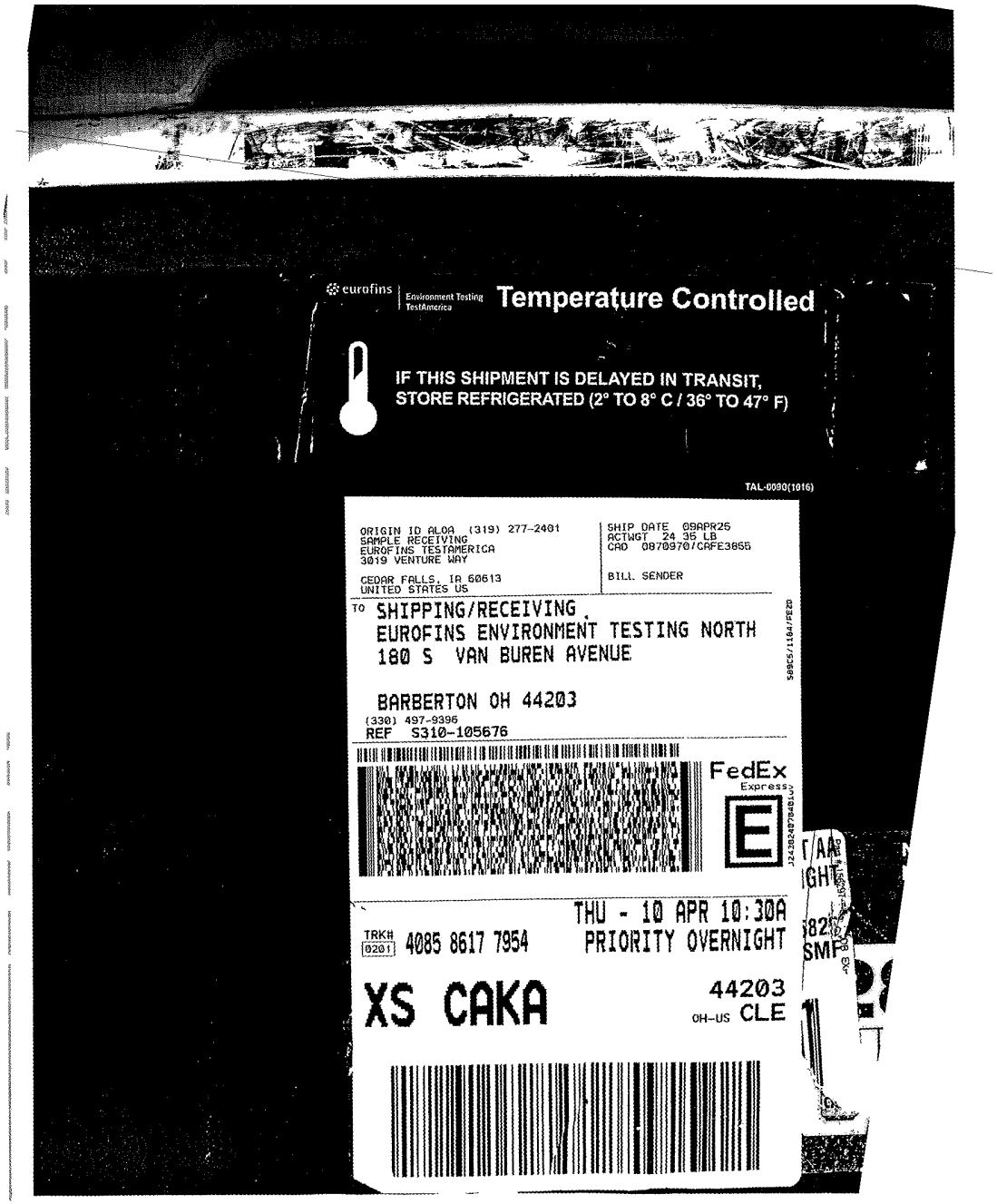
19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired
Sample(s) were received in a broken container
Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory
Time preserved Preservative(s) added/Lot number(s)

VOA Sample Preservation - Date/Time VOAs Frozen


eurofins
Environment Testing
TestAmerica
Temperature Controlled
IF THIS SHIPMENT IS DELAYED IN TRANSIT,
STORE REFRIGERATED (2° TO 8° C / 36° TO 47° F)
TAL-0030(1016)
ORIGIN ID ALOA (319) 277-2401
SAMPLE RECEIVING
EUROFINS TESTAMERICA
3019 VENTURE WAY
CEDAR FALLS, IA 50613
UNITED STATES US
SHIP DATE: 09APR25
ACTWGT: 24.35 LB
CAD: 0870970/CAFE3805
BILL SENDER
TO SHIPPING/RECEIVING
EUROFINS ENVIRONMENT TESTING NORTH
180 S VAN BUREN AVENUE
BARBERTON OH 44203
(330) 497-9396
REF S310-105676
FedEx
Express
THU - 10 APR 10:30A
PRIORITY OVERNIGHT
TRK# 0201 4085 8617 7954
XS CAKA
44203
OH-US CLE

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-303769-1

Login Number: 303769

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Hirsch, Preston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Data Validation Report

Project Name:	Landfill of North Iowa (25L005.00)
Task Name:	25L005_25_04
Data Set Description:	Spring 2025 Groundwater Event
Laboratory(s):	Eurofins – Cedar Falls, IA; Cleveland, OH
Laboratory Sample Delivery Group (SDG) ID(s):	310-303769-1
Sample Collection Dates:	4/7/2025 – 4/8/2025
Sample Analysis Dates:	4/10/2025 – 4/15/2025
Sample Matrices:	Groundwater
Sample IDs Reviewed:	See Table 1
Verification and Validation Stage, 100% data:	☐ 1 ☒ 2A ☐ 2B ☐ 3 ☐ 4
Verified and Validated By:	T. Scott Barton, Lead Environmental Scientist 5/9/2025

The analytical data were validated to verify that laboratory quality assurance and quality control (QA/QC) procedures were documented and to evaluate the overall quality of the data reported. Analytical reports include 13 investigative groundwater samples collected via low-flow and grab sampling techniques at the Landfill of North Iowa (LNI) from April 7 to April 8, 2025; samples are listed in Table 1. The data were collected in accordance with the *Hydrologic Monitoring System Plan* (AECOM, 2013), Iowa Department of Natural Resources (IDNR) Sanitary Disposal Permit Number 17-SDP-01-75P (including Revisions), and 567 Iowa Administrative Code (IAC) 113.10.

Validation Summary

Stage 2A data validation was performed on 100% of the data from these Sample Delivery Groups (SDGs), with review tasks and items of note documented in the summary table below.

Validation Task and Description	Review Notes	Action
Chain of Custody (COC) and Sample Receipt Form Confirm relinquish & receipt signatures. Confirm parameters and analytical methods match COC and Hydrologic Monitoring System Plan (HMSP).	All appropriate relinquish and receipt signatures were present. Parameters and analytical methods match the COC and HMSP with the addition of phenol for some samples. While not required in the HMSP, phenol was reported by Eurofins for the following samples: MW-15-10R_25_04, MW-16-03_25_04, MW-20-03_25_04, MW-22A-03_25_04, MW-23-03_25_04, MW-101A-12_25_04, MW-106A-12_25_04, and FB-1_25_04. The reported results will be retained. Trip blanks TB-2_25_04 and TB-3_25_04 were provided by the lab but were not analyzed since only one shipment of volatile samples occurred, and trip blank TB-1_25_04 was utilized as the trip blank for the shipment.	Not applicable

Validation Task and Description	Review Notes	Action
Case Narrative Review for items noted by the laboratory that may impact the validation process.	The quality control issues noted in the case narrative were reviewed and found acceptable. Issues either were addressed in the Review Notes below, had no impact on investigative samples, or were corrected/qualified by the laboratory. No additional actions are required. Note: Continuing calibration verification (CCV) and internal calibration verification (ICV) evaluation is not part of Stage 2A validation.	Not applicable
Sample Condition Upon Receipt (SCUR) Confirm samples in acceptable condition and no discrepancies noted. Confirm preservation meets method requirements.	Samples were received by Eurofins – Cedar Falls, IA in acceptable conditions. In addition, the sulfide sample shipment from Eurofins – Cedar Falls, IA to Eurofins – Cleveland, OH was received in acceptable condition.	Not applicable
Methods Requested Confirm methods match project requirements and lab provided all methods ordered.	The methods ordered and analyzed were performed in accordance with the project requirements. Methods include United States Environmental Protection Agency (USEPA) 8260D Volatile Organic Compounds (VOCs), USEPA 8270E Semivolatile Organic Compounds (SVOCs), USEPA 6020B Total Metals, USEPA 9034 Sulfide, and United States Geological Survey (USGS) I-3765-85 Total Suspended Solids (TSS).	Not applicable
Analytes Requested Confirm analytes ordered match project requirements and lab provided all analytes ordered.	As previously noted in the COC review notes, the analytes requested were analyzed in accordance with the project requirements with the addition of phenol for some samples. While not required in the HMSP, phenol was reported by Eurofins for the following samples: MW-15-10R_25_04, MW-16-03_25_04, MW-20-03_25_04, MW-22A-03_25_04, MW-23-03_25_04, MW-101A-12_25_04, MW-106A-12_25_04, and FB-1_25_04. The reported results will be retained.	Not applicable
Holding Times Confirm laboratory performed extractions and analyses within method-required holding times.	Eurofins performed all analyses within the method-required holding times for this sample delivery group (SDG).	Not applicable
Blanks Confirm no detections in laboratory method blanks, field blanks, and trip blanks.	Table 3 presents analytes detected in the field blank. No detections were found in the method and trip blanks. Qualifiers are assigned in Table 9. Acetone was detected in field blank FB-1-25_04 at a concentration of 3.95 J micrograms per liter (ug/L). In accordance with the *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020) for VOCs, when the blank contamination concentration is J-flagged, associated sample results greater than (>) the MDL and less than (<) the PQL are reported at the practical quantitation limit (PQL) and qualified as U (non-detect). Associated non-detect sample results are not qualified.	Qualifiers assigned
Surrogates or Deuterated Monitoring Compounds	Table 4 presents surrogate recoveries that were outside the control limits. Qualifiers are assigned in Table 9.	See below

Validation Task and Description	Review Notes	Action
Surrogates or Deuterated Monitoring Compounds Continued For *organic analyses only*, confirm surrogates analyzed and surrogate recovery within QC limits.	The 2,4,6-tribromophenol, 2-fluorophenol, and phenol-d5 surrogate recoveries for FB-1_25_04 were below the control limits, indicating potential low bias for acid SVOC results in FB-1_25_04. In accordance with the *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020) for SVOCs, when acid SVOC surrogate recovery is below the expanded lower acceptance limit (<10%), non-detect acid SVOCs in FB-1_25_04 are rejected (assigned R qualifier). Since FB-1_25_04 is a quality control sample and phenol was inadvertently sampled by the lab, resampling is not recommended. The 2-fluorobiphenyl, 2-fluorophenol, phenol-d5, 2,4,5-tribromophenol, and nitrobenzene-d5 surrogate recoveries for MW-106A-12_25_04 were below control limits, indicating potential low bias for acid and base/neutral SVOC results in MW-106A-12_25_04. In accordance with the *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020) for SVOCs, when acid and base/neutral SVOC surrogate recovery is below the control limit but above the expanded lower acceptance limit (10%), non-detect acid and base/neutral SVOCs in MW-106A-12_25_04 are qualified UJ.	Qualifiers assigned Qualifiers assigned
Matrix Spike/Matrix Spike Duplicates (MS/MSDs) Confirm MS/MSDs analyzed at frequency specified by project requirements and MS/MSD percent recovery within lab specified limits. Confirm, for Organic analytes, MSD relative percent difference (RPD) within limits. For inorganic analytes, lab replicate RPD within limits.	MS/MSD quality control samples are not required for this project. As a result, no MS/MSD samples were collected or submitted for analysis. Where analyzed and reported by the laboratory, MS/MSD results associated with the samples in 310-303769-1 are reviewed under Stage 2A validation guidelines. Table 5 is intended to present MS/MSD recoveries and RPDs that were outside the control limits. MS/MSD recoveries and RPDs were within control limits for this SDG.	Not applicable
Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Confirm LCS analyzed and LCS/LCSD recovery and RPD within lab specified limits.	LCS/LCSD quality control samples are not required for this project. Where analyzed and reported by the laboratory, LCS/LCSD results associated with method batches in 310-303769-1 are reviewed under Stage 2A validation guidelines. Table 6 is intended to present the LCS/LCSD recoveries and RPDs that were outside the control limits. LCS/LCSD recoveries and RPDs were within control limits for this SDG.	Not applicable
Laboratory Duplicates Confirm lab duplicates analyzed and RPD within lab specified limits.	Laboratory duplicate quality control samples are not required for this project. Where analyzed and reported by the laboratory, laboratory duplicate results associated with the samples in 310-303769-1 are reviewed under Stage 2A validation guidelines. Table 7 is intended to present the lab duplicate sample RPDs that were outside the RPD limits. RPDs were within the lab-specified RPD limits for these SDGs.	Not applicable

Validation Task and Description	Review Notes	Action
Field Duplicates Confirm field duplicates collected at required frequency and field duplicate RPD within acceptable limits.	Field duplicate samples were collected at a frequency of 1 per 10 in accordance with the project requirements. Table 8 contains the precision evaluation of the parent/field duplicate samples. The RPDs between the investigative and field duplicate samples were within the duplicate sample validation criteria.	Not applicable

Abbreviations:
< = less than
> = greater than
CCV = continuing calibration verification
COC = chain of custody
HMSP = Hydrologic Monitoring System Plan
ICV = internal calibration verification
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
MS = matrix spike
MSD = matrix spike duplicate
RPD = relative percent difference
SCUR = Sample Condition Upon Receipt
SDG = sample delivery group
SVOC = semivolatile organic compound
TSS = total suspended solids
ug/L = micrograms per liter
USEPA = United States Environmental Protection Agency
USGS = United States Geological Survey
VOC = volatile organic compound

Overall Assessment of Data

Item	Acceptable		Comments
	Yes	No	
1. Method Criteria	X		All samples were collected, preserved, shipped/delivered, and analyzed within the method protocols.
2. Precision	X		Field precision was evaluated through investigative and field duplicate RPDs. The RPDs between the investigative and field duplicate samples were within the duplicate sample validation criteria. Laboratory precision was evaluated through MS/MSD, LCS/LCSD, and laboratory duplicate RPDs. All spike recoveries and RPDs were within control limits.
3. Accuracy		X	Accuracy was evaluated through surrogate, MS/MSD, and LCS/LCD recovery. Where analyzed and reported by the laboratory, MS/MSD and LCS/LCSD recoveries were within control limits. As listed in Table 4, SVOC surrogate recoveries were below the control limits for FB-1_25_04 and MW-106A-12_25_04. Recoveries for 2,4,6-tribromophenol, 2-fluorophenol, and phenol-d5 were below control limits in sample FB-1-25_04. Associated non-detect sample results were rejected (assigned R qualifier) because two of the surrogate recoveries were less than the expanded lower acceptance limit (10%). Recoveries for 2-fluorobiphenyl, 2-fluorophenol, phenol-d5, 2-fluorophenol, 2,4,5-tribromophenol, and nitrobenzene-d5 were below control limits for sample MW-106A-12_25_04. Associated non-detect sample results were

Item	Acceptable		Comments
	Yes	No	
3. Accuracy Continued			qualified UJ because results were greater than the expanded lower acceptance limit (10%) but less than the lower control limit specified by the lab
4. Representativeness	X		Sampling was conducted in accordance with the sample collection procedures described in the approved HMSP, approved HMSP revisions, and SOPs.
5. Comparability	X		Collection techniques, measurement procedures, methods, and reporting were equivalent to currently approved procedures and are comparable to historical data.
6. Completeness	X		Valid analytical results exceeded 99%.
7. Suitability for Intended Use	X		No evidence of gross contamination or significant issues with the method criteria, precision, accuracy, representativeness, comparability, or completeness were identified. These data are suitable for their intended use.

Overall, the data reported are of good quality and the results for the applicable quality assurance/quality control (QA/QC) measurements that were used by the laboratories during the analysis of the samples were generally acceptable. Table 2 provides a definition of the qualifiers that may be assigned by the validator and/or retained from the laboratory. During data validation, the following qualifiers were assigned:

- Three (3) results were restated as undetected (assigned a U qualifier during validation).
- Two (2) results were not detected above the reporting limit, but the reporting limit is estimated (assigned a UJ qualifier during validation).
- One (1) result was rejected and are not usable due to quality control issues (assigned a R qualifier during validation).
- 99.9% of the data is usable for project data quality objectives.

Attachment 1

Tables

Table 1
Sample IDs Reviewed

Project Sample ID	Analyzed Lab Sample ID	Project Sample ID Matches Lab Client Sample ID	Lab Sample Date/Time Match COC/Logbook	Parameters and Analytical Methods Match COC	Within Hold Times	Sample Type
GUA-1_25_04	310-303769-1	Yes	Yes	Yes	Yes	Normal
GUA-1-2_25_04	310-303769-2	Yes	Yes	Yes	Yes	Normal
MW-2A-89_25_04	310-303769-3	Yes	Yes	Yes	Yes	Normal
MW-8A-89_25_04	310-303769-4	Yes	Yes	Yes	Yes	Normal
MW-9-92_25_04	310-303769-5	Yes	Yes	Yes	Yes	Normal
MW-15-10R_25_04	310-303769-6	Yes	Yes	Yes	Yes	Normal
MW-16-03_25_04	310-303769-7	Yes	Yes	Yes	Yes	Normal
MW-20-03_25_04	310-303769-8	Yes	Yes	Yes	Yes	Normal
MW-22A-03_25_04	310-303769-9	Yes	Yes	Yes	Yes	Normal
MW-23-03_25_04	310-303769-10	Yes	Yes	Yes	Yes	Normal
MW-101A-12_25_04	310-303769-11	Yes	Yes	Yes	Yes	Normal
MW-105A-12_25_04	310-303769-12	Yes	Yes	Yes	Yes	Normal
MW-106A-12_25_04	310-303769-13	Yes	Yes	Yes	Yes	Normal
FD-1_25_04	310-303769-14	Yes	Yes	Yes	Yes	FD
FD-2_25_04	310-303769-15	Yes	Yes	Yes	Yes	FD
FB-1_25_04	310-303769-16	Yes	Yes	Yes	Yes	FB
TB-1_25_04	310-303769-17	Yes	Yes	Yes	Yes	TB

Notes:
COC = chain of custody
FB = field blank
FD = field duplicate
TB = trip blank

Table 2
Explanation of Qualifiers

Qualifier	Explanation
U	The analyte was analyzed for and was not detected above the numerical quantitation limit.
J	The analyte was analyzed for and was positively identified, but the analytical result (i.e., quantitation) is an estimated value. In some cases it is recognized that the estimated value is biased high (J+) suggesting the actual value is lower than estimated; or biased low (J-) suggesting the actual value is higher than estimated.
UJ	The analyte was analyzed for and was not detected above the reporting limit, but the reporting limit is an estimated value.
R	The analyte was analyzed for but may or may not be present and/or quantifiable due to quality control issues. The analytical result is not usable and should be rejected.
N	The analysis indicates presumptive evidence of the presence of the analyte.
NJ	The analysis indicates presumptive evidence of the presence of the analyte, but the numerical value is an estimated quantity.

Notes:
Results qualified as "J" or "UJ" are of acceptable data quality and may be used quantitatively per United States Environmental Protection Agency guidelines.

Table 3
Method, Field, and Trip Blank Exceedances

Lab Report	Blank Type	Lab Sample ID	Client Sample ID	Analysis Batch	Prep Batch	Parameter	Result	Units	Lab Qualifier	MDL	PQL	Associated Samples
310-303769-1	FB	310-303769-16	FB-1_25_04	451195	N/A	Acetone	3.95	ug/L	J	3.10	10.0	Investigative and FD samples in 310-303769-1

Notes:
FB = field blank
FD = field duplicate
MDL - method detection limit
N/A = not applicable
PQL = practical quantitation limit
ug/L = micrograms per liter

Table 4
Surrogate Recovery Exceedances

Lab Sample ID	Parent Sample	Parameter	Surrogate % Recovery	% Recovery Limits	
310-303769-16	FB-1_25_04	2-Fluorophenol (Surr)	5	25	110
310-303769-16	FB-1_25_04	Phenol-d5 (Surr)	0.05	21	110
310-303769-16	FB-1_25_04	2,4,6-Tribromophenol (Surr)	13	27	136
310-303769-13	MW-106A-12_25_04	2-Fluorophenol (Surr)	14	25	110
310-303769-13	MW-106A-12_25_04	Phenol-d5 (Surr)	17	21	110
310-303769-13	MW-106A-12_25_04	Nitrobenzene-d5 (Surr)	30	45	129
310-303769-13	MW-106A-12_25_04	2-Fluorobiphenyl (Surr)	28	39	118
310-303769-13	MW-106A-12_25_04	2,4,6-Tribromophenol (Surr)	11	27	136

Notes:
% = percent

Table 5
Matrix Spike - Matrix Spike Duplicate Exceedances

Lab Sample ID	Parent Sample	Parameter	MS % Recovery	MSD % Recovery	% Recovery Limits	RPD	RPD Limit
MS/MSD recoveries and RPDs were within control limits for this Sample Delivery Group.							

Notes:
% = percent
MS = matrix spike
MSD = matrix spike duplicate
RPD = relative percent difference

Table 6
Laboratory Control Sample and Laboratory Control Sample Duplicate Exceedances

Lab Sample ID	Lab Report	Associated SDG Batch	Parameter	LCS % Recovery	LCSD % Recovery	% Recovery Limits	RPD	RPD Limit
LCS/LCSD recoveries and RPDs were within control limits for this Sample Delivery Group.								

Notes:
% = percent
LCS = laboratory control sample
LSCD = laboratory control sample duplicate
RPD = relative percent difference

Table 7
Laboratory Duplicate Sample Exceedances

Lab Sample ID	Client Sample ID	Parameter	RPD	RPD Limit
Lab duplicate sample RPDs were below the RPD limits for this Sample Delivery Group.				

Notes:
RPD = relative percent difference

Table 8
Relative Percent Difference (RPD) Analysis for Field Duplicate Samples
Appendix I Constituents & TSS

RPD = $\dfrac{\text{absolute value (a - b)}}{\text{(a + b)/2}} \times 100\%$

Acceptance Criteria*: 35%

* Unless otherwise noted in project planning documents, the acceptance criteria for field duplicates RPD is as follows:
- For analytes with concentrations greater than 5x (2x for soil matrices) the reporting limit, the RPD should be within 35% for water matrices (50% for soil matrices).
- For analytes with either or both concentrations less than 5x (2x for soil matrices) the reporting limit (indicated below by "low-level"), the absolute difference between the sample and field duplicate should not exceed 5x the reporting limit.

Duplicate Result Analysis:

Parameter	Unit	Parent	Duplicate Sample	RPD	Acceptable?
		MW-105A-12_25_04	**FD-1_25_04**		
1,1-Dichloroethene	ug/L	J 0.238	J 0.226	low-level	Yes
Arsenic	mg/L	0.00467	0.00484	low-level	Yes
Barium	mg/L	0.262	0.265	1.1%	Yes
Cobalt	mg/L	0.00738	0.00731	1.0%	Yes
Nickel	mg/L	0.0121	0.0119	low-level	Yes
Total Suspended Solids	mg/L	12.0	10.0	low-level	Yes
		MW-8A-89_25_04	**FD-2_25_04**		
Arsenic	mg/L	J 0.000911	J 0.000855	low-level	Yes
Barium	mg/L	0.0450	0.0443	1.6%	Yes
Nickel	mg/L	J 0.00395	J 0.00382	low-level	Yes
Total Suspended Solids	mg/L	J 1.38	< 3.50	low-level	Yes

Notes:
< = less than
mg/L = milligrams per liter
RPD = relative percent difference
ug/L = micrograms per liter

Table 9
Qualified Results from Data Validation

Sample ID	Lab Sample ID	Method	Parameter	Result	Lab Qualifier	Units	Qualified Result	Validator Qualifier	Explanation
GUA-1-2_25_04	310-303769-2	USEPA 8260D	Acetone	3.48	J	ug/L	< 10.0	U	FB detection >MDL and <PQL; qualified U and reported at PQL since result is >MDL and <PQL.
MW-9-92_25_04	310-303769-5	USEPA 8260D	Acetone	5.82	J	ug/L	< 10.0	U	FB detection >MDL and <PQL; qualified U and reported at PQL since result is >MDL and <PQL.
MW-106A-12_25_04	310-303769-13	USEPA 8260D	Acetone	5.17	J	ug/L	< 10.0	U	FB detection >MDL and <PQL; qualified U and reported at PQL since result is >MDL and <PQL.
MW-106A-12_25_04	310-303769-13	USEPA 8270E	Bis(2-ethylhexyl)phthalate	< 5.73	U	ug/L	< 5.73	UJ	NBZ and FBP base/neutral surrogate recovery was < specified lower acceptance limit and ≥ expanded lower acceptance limit (10%). Qualified UJ since result is <MDL.
MW-106A-12_25_04	310-303769-13	USEPA 8270E	Phenol	< 1.15	U	ug/L	< 1.15	UJ	2FP, PHL, and TBP acid surrogate recovery was < specified lower acceptance limit and ≥ expanded lower acceptance limit (10%). Qualified UJ since result is <MDL.
FB-1_25_04	310-303769-16	USEPA 8270E	Phenol	< 1.15	U	ug/L	< 1.15	R	2FP, PHL, and TBP acid surrogate recovery was < expanded lower acceptance limit (10%). Qualified R since result is <MDL.

Attachment 2

References

References

AECOM, 2013. *Hydrologic Monitoring System Plan, Landfill of North Iowa, AECOM #60287129.04*. August 22. [Doc. ID 77938].

United States Environmental Protection Agency (USEPA, 2020). *National Functional Guidelines for Organic Superfund Methods Data Review.* EPA-540-R-20-005. Office of Superfund Remediation and Technology Innovation, Washington, D.C. Revised November 2020.

October 2025 Sampling Event

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	GUA-1-2	Weather:	Clear, 52°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Location Details

Description of Sample Location: GUA-1-2 is the compliance point for the Cell A groundwater underdrain; located downgradient from underdrain discharge pipe (GUA-1) in the man-made ditch constructed for flow of underdrain discharge to Crane Creek. Sample is collected directly from underdrain flow at designated location for GUA-1-2 (after passive treatment of discharge).

Conditions commentary:

Sampling Details

Sampling Method: ___ Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer X Other (specify): Grab sample from discharge

Equipment type: ___ Submersible pump ___ Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
X Other (specify): None

Equipment name/description: Not Applicable Dedicated? (Y/N): N/A Disposable? (Y/N): N/A
Decontamination method: Not Applicable

Equipment depth (ft. N/A Flow Rate N/A Volume removed N/A Volume sampled 1.49
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered?
GUA-1-2_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

	Final Reading
Time	10:40
Temp (°C)	15.84
Sp. Cond (umhos/cm)	1397.0
pH	7.40
DO (mg/l)	6.40
ORP (mV)	193.9
Turbidity (NTU)	1.18

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-1-89	Weather:	Clear, 58°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1188.52

Top of screen (ft. MSL): 1176.66 Materials: PVC Top of Casing elevation (ft. MSL): 1188.09

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	13.51	13.62	13.72
Water elevation (ft. MSL)	1174.58	1174.47	1174.37

3 Well Volumes (gal): 5.0 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	23.68	23.30	0.38

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____

____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump

____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____

____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1170.09 Flow Rate (mL/min): 250 Volume removed (gal): 1.2 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-1-89_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	11:49	11:51	11:53
Temp (°C)	17.38	17.39	17.37
Sp. Cond (umhos/cm)	2036.0	2050.0	2055.0
pH	6.79	6.79	6.79
DO (mg/l)	0.34	0.33	0.31
ORP (mV)	-50.5	-52.9	-54.1
Turbidity (NTU)	1.60	1.83	1.24

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-1-89	Weather:	Clear, 58°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-1-89 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Collected field blank (FB-1_25_10) at 11:05.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-2A-89	Weather:	Clear, 66°F, SE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1177.71

Top of screen (ft. MSL): 1172.44 Materials: PVC Top of Casing elevation (ft. MSL): 1180.18

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.39	6.43	6.53
Water elevation (ft. MSL)	1173.79	1173.75	1173.65

3 Well Volumes (gal): 6.6 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	19.87	19.05	0.82

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____

____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump

____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____

____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1166.18 Flow Rate (mL/min): 250 Volume removed (gal): 1.1 Volume sampled (L): 1.99

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-2A-89_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	17:12	17:14	17:16
Temp (°C)	15.80	15.77	15.82
Sp. Cond (umhos/cm)	1091.0	1094.0	1095.0
pH	6.89	6.87	6.87
DO (mg/l)	0.28	0.26	0.24
ORP (mV)	-30.8	-35.7	-39.7
Turbidity (NTU)	11.92	12.13	12.07

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-2A-89	Weather:	Clear, 66°F, SE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-3-89	Weather:	Clear, 66°F, SE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1174.74

Top of screen (ft. MSL): 1171.55 Materials: PVC Top of Casing elevation (ft. MSL)*: 1176.11

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.39	5.50	6.39
Water elevation (ft. MSL)	1170.72	1170.61	1169.72

3 Well Volumes (gal): 4.4 Screen submerged? (Y/N): No

	Constructed*	Measured	Difference
Well Depth (ft. TOC)	14.36	13.10	1.26

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1167.11 Flow Rate (mL/min): 150 Volume removed (gal): 0.3 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-3-89_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	16:24	16:26	16:28
Temp (°C)	16.89	16.79	16.77
Sp. Cond (umhos/cm)	840.3	827.4	823.7
pH	7.11	7.13	7.13
DO (mg/l)	0.44	0.34	0.29
ORP (mV)	67.0	66.0	65.5
Turbidity (NTU)	4.07	1.20	1.13

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-3-89	Weather:	Clear, 66°F, SE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-3-89 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

*As detailed in the Spring 2025 field form, 0.06' of PVC well casing was removed after sample collection in April 2025. The top of casing elevation and constructed well depth were updated with this Fall 2025 field form.

Collected field duplicate (FD-3_25_10) at MW-3-89.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-4A-89	Weather:	Clear, 64°F, SE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1173.51

Top of screen (ft. MSL): 1169.49 Materials: PVC Top of Casing elevation (ft. MSL): 1175.39

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.79	5.79	6.61
Water elevation (ft. MSL)	1169.60	1169.60	1168.78

3 Well Volumes (gal): 5.1 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	16.23	15.25	0.98

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1164.39 Flow Rate (mL/min): 200 Volume removed (gal): 0.9 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-4A-89_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	14:05	14:07	14:09
Temp (°C)	17.97	18.00	18.07
Sp. Cond (umhos/cm)	895.4	892.5	888.6
pH	6.95	6.95	6.96
DO (mg/l)	0.59	0.46	0.42
ORP (mV)	54.1	52.9	50.6
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-4A-89	Weather:	Clear, 64°F, SE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-4A-89 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-4B-89	Weather:	Clear, 65°F, SSE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1173.59

Top of screen (ft. MSL): 1154.35 Materials: PVC Top of Casing elevation (ft. MSL): 1175.64

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.65	6.68	6.86
Water elevation (ft. MSL)	1168.99	1168.96	1168.78

3 Well Volumes (gal): 10.0 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	27.18	26.50	0.68

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1151.64 Flow Rate (mL/min): 175 Volume removed (gal): 2.0 Volume sampled (L): 2.65

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): Yes, slightly*

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-4B-89_25_10	EPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8151A - USEPA 8151A - 2,4,5-TP	(2) Amber Glass 250 mL - Unpreserved	No
	EPA 8081B - Methoxychlor	(4) VOA Vial 40 mL amber - Unpreserved	No
	EPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	EPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-4B-89	Weather:	Clear, 65°F, SSE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Field Analysis

			Final Reading
Time	15:10	15:12	15:14
Temp (°C)	15.61	15.51	15.57
Sp. Cond (umhos/cm)	1686.0	1686.0	1687.0
pH	6.85	6.84	6.86
DO (mg/l)	0.25	0.24	0.24
ORP (mV)	-11.2	-13.2	-14.8
Turbidity (NTU)	24.15	23.72	24.67

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-4B-89 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

*Red-orange color at start

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-5-89	Weather:	Clear, 61°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1173.27

Top of screen (ft. MSL): 1162.97 Materials: PVC Top of Casing elevation (ft. MSL): 1175.78

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.99	8.04	8.16
Water elevation (ft. MSL)	1167.79	1167.74	1167.62

3 Well Volumes (gal): 7.7 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	23.65	23.63	0.02

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1157.78 Flow Rate (mL/min): 200 Volume removed (gal): 1.0 Volume sampled (L): 1.99

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-5-89_25_10	EPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-T	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	13:22	13:24	13:26
Temp (°C)	13.88	13.81	13.69
Sp. Cond (umhos/cm)	2348.0	2348.0	2346.0
pH	6.66	6.65	6.66
DO (mg/l)	0.30	0.27	0.27
ORP (mV)	18.5	14.0	10.2
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-5-89	Weather:	Clear, 61°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-5-89 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-6-89	Weather:	Partly cloudy, 65°F, NNW wind @ 15-20 mph, 30.2" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1207.38

Top of screen (ft. MSL): 1179.60 Materials: PVC Top of Casing elevation (ft. MSL): 1209.90

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	25.52	25.52	26.32
Water elevation (ft. MSL)	1184.38	1184.38	1183.58

3 Well Volumes (gal): 8.1 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	42.05	41.10	0.95

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____

____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump

____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____

____ Other (specify): ____

Equipment name/description: Bailer Dedicated? (Y/N): No Disposable? (Y/N): Yes

Decontamination method: N/A - disposable bailer and string; not used previously.

Equipment depth (ft. MSL:) 1177.90 Flow Rate (mL/min): 175 Volume removed (gal): 1.2 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-6-89_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	17:22	17:24	17:26
Temp (°C)	13.70	13.69	13.68
Sp. Cond (umhos/cm)	595.5	598.9	600.1
pH	6.81	6.84	6.88
DO (mg/l)	0.22	0.22	0.21
ORP (mV)	25.3	23.9	22.5
Turbidity (NTU)	30.07	24.72	23.13

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-6-89	Weather:	Partly cloudy, 65°F, NNW wind @ 15-20 mph, 30.2" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-6-89 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-8A-89	Weather:	C;ear, 47°F, SSE wind @ 10-20 mph, 30.4" Hg
Date:	10/9/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in):	8	Casing Diameter (in):	2	Ground surface elevation (ft. MSL):	1184.75
Top of screen (ft. MSL):	1175.49	Materials:	PVC	Top of Casing elevation (ft. MSL):	1186.98
Locked (Y/N):	Yes				

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.70	9.79	10.48
Water elevation (ft. MSL)	1177.28	1177.19	1176.50

3 Well Volumes (gal): 6.2 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	22.48	21.75	0.73

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____
____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump
____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____
____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:)	1169.98	Flow Rate (mL/min):	200	Volume removed (gal):	0.7
Well dry? (Y/N):	No	Odor? (Y/N):	No	Color? (Y/N):	No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-8A-89_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	9:06	9:08	9:10
Temp (°C)	13.34	13.13	13.15
Sp. Cond (umhos/cm)	950.5	939.6	932.5
pH	7.24	7.23	7.21
DO (mg/l)	1.14	1.01	1.00
ORP (mV)	234.1	232.7	235.4
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-8A-89	Weather:	C;ear, 47°F, SSE wind @ 10-20 mph, 30.4" Hg
Date:	10/9/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: Collected field blank (FB-2_25_10) at 9:20.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-9-92	Weather:	Clear, 56°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1178.02

Top of screen (ft. MSL): 1165.19 Materials: PVC Top of Casing elevation (ft. MSL): 1180.36

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	12.01	12.04	12.06
Water elevation (ft. MSL)	1168.35	1168.32	1168.30

3 Well Volumes (gal): 7.3 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	26.97	26.98	0.01

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1158.36 Flow Rate (mL/min): 200 Volume removed (gal): 0.6 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-9-92_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	11:26	11:28	11:30
Temp (°C)	14.55	14.53	14.58
Sp. Cond (umhos/cm)	1123.0	1121.0	1119.0
pH	6.58	6.59	6.57
DO (mg/l)	0.42	0.36	0.31
ORP (mV)	-14.6	-19.5	-23.2
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-9-92	Weather:	Clear, 56°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-11	Weather:	Clear, 61°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in):	8	Casing Diameter (in):	2	Ground surface elevation (ft. MSL):	1174.97
Top of screen (ft. MSL):	1173.56	Materials:	PVC	Top of Casing elevation (ft. MSL):	1176.61
Locked (Y/N):	Yes				

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	3.87	3.94	4.51
Water elevation (ft. MSL)	1172.74	1172.67	1172.10

3 Well Volumes (gal): 4.9 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	13.88	13.70	0.18

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:)	1167.61	Flow Rate (mL/min):	200	Volume removed (gal):	0.4
Well dry? (Y/N):	No	Odor? (Y/N):	No	Color? (Y/N):	No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-11_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Total Arsenic and Barium	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	12:31	12:33	12:34
Temp (°C)	16.69	16.61	16.55
Sp. Cond (umhos/cm)	801.9	806.5	807.3
pH	7.04	7.06	7.06
DO (mg/l)	0.46	0.53	0.51
ORP (mV)	57.9	58.1	58.4
Turbidity (NTU)	1.90	0.40	0.22

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-11	Weather:	Clear, 61°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-11 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Groundwater Sampling Field Sheet

Site Name: Landfill of North Iowa | Permit No.: 17-SDP-01-75P
Well/Piezometer: MW-15-10R | Weather: Clear, 45°F, E wind @ 0-5 mph, 30.4" Hg
Date: 10/8/2025 | Personnel: O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 1175.92
Top of screen (ft. MSL): 1168.77 | Materials: PVC | Top of Casing elevation (ft. MSL): 1178.47
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.14	8.23	8.81
Water elevation (ft. MSL)	1170.33	1170.24	1169.66

3 Well Volumes (gal): 4.6 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.62	17.85	0.23

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) | ___ No-purge (specify sample interval): ___
___ Bailer | ___ Other (specify): ___

Equipment type: ___ Submersible pump | X Peristaltic pump | ___ Bladder pump
___ Inertial lift pump | ___ Bailer | ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic | Dedicated? (Y/N): No | Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1164.47 | Flow Rate (mL/min): 200 | Volume removed (gal): 0.9 | Volume sampled (L): 3.15
Well dry? (Y/N): No | Odor? (Y/N): No | Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-15-10R_25_10	USEPA 8260D - Appendix I VOCs & Dichlorofluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-T & 2,4,5-TP	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8081B - Methoxychlor	(4) Amber VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 7470A - Mercury		
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-15-10R	Weather:	Clear, 45°F, E wind @ 0-5 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Field Analysis

			Final Reading
Time	9:41	9:43	9:45
Temp (°C)	14.31	14.41	14.43
Sp. Cond (umhos/cm)	1275.0	1269.0	1266.0
pH	6.86	6.86	6.88
DO (mg/l)	0.57	0.49	0.45
ORP (mV)	216.8	212.7	208.2
Turbidity (NTU)	0.00	0.00	0.00

Comments: Collected field duplicate (FD-1_25_10) at MW-15-10R.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-16-03	Weather:	Partly cloudy, 66°F, NW wind @ 10-15 mph, 30.2" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1197.68

Top of screen (ft. MSL): 1174.69 Materials: PVC Top of Casing elevation (ft. MSL): 1200.43

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	23.88	23.88	24.12
Water elevation (ft. MSL)	1176.55	1176.55	1176.31

3 Well Volumes (gal): 6.1 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	36.41	36.40	0.01

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____

____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump

____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____

____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1169.43 Flow Rate (mL/min): 225 Volume removed (gal): 0.8 Volume sampled (L): 3.15

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-16-03_25_10	USEPA 8260D - Appendix I VOCs & Dichlorofluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-T & 2,4,5-TP	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8081B - Methoxychlor	(4) Amber VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 7470A - Mercury		
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-16-03	Weather:	Partly cloudy, 66°F, NW wind @ 10-15 mph, 30.2" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Field Analysis

			Final Reading
Time	16:11	16:13	16:15
Temp (°C)	12.69	12.59	12.50
Sp. Cond (umhos/cm)	1942.0	1930.0	1925.0
pH	6.63	6.62	6.61
DO (mg/l)	0.26	0.23	0.21
ORP (mV)	-72.5	-68.5	-67.0
Turbidity (NTU)	0.00	0.07	0.05

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-20-03	Weather:	Partly cloudy, 65°F,NNW wind @ 15-20 mph, 30.2" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1182.43
Top of screen (ft. MSL): 1172.69 Materials: PVC Top of Casing elevation (ft. MSL): 1184.87
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	11.12	11.12	11.15
Water elevation (ft. MSL)	1173.75	1173.75	1173.72

3 Well Volumes (gal): 5.3 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	22.05	21.87	0.18

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___
___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump
___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___
___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1167.87 Flow Rate (mL/min): 200 Volume removed (gal): 0.7 Volume sampled (L): 3.15
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-20-03_25_10	USEPA 8260D - Appendix I VOCs & Dichlorofluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-T & 2,4,5-TP	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8081B - Methoxychlor	(4) Amber VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 7470A - Mercury		
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-20-03	Weather:	Partly cloudy, 65°F,NNW wind @ 15-20 mph, 30.2" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Field Analysis

			Final Reading
Time	14:19	14:21	14:23
Temp (°C)	14.15	13.93	13.88
Sp. Cond (umhos/cm)	577.7	577.1	577.8
pH	7.30	7.29	7.25
DO (mg/l)	4.55	4.41	4.17
ORP (mV)	93.3	91.4	88.8
Turbidity (NTU)	0.76	0.00	0.00

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-22A-03	Weather:	Partly cloudy, 67°F, NNW wind @ 5-10 mph, 30.1" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1175.11

Top of screen (ft. MSL): 1168.50 Materials: PVC Top of Casing elevation (ft. MSL)*: 1177.41

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.35	6.35	7.03
Water elevation (ft. MSL)	1171.06	1171.06	1170.38

3 Well Volumes (gal): 6.2 Screen submerged? (Y/N): Yes

	Constructed*	Measured	Difference
Well Depth (ft. TOC)	19.10	19.28	0.18

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1162.41 Flow Rate (mL/min): 200 Volume removed (gal): 1.0 Volume sampled (L): 3.15

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): Yes, slight

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-22A-03_25_10	USEPA 8260D - Appendix I VOCs & Dichlorofluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-T & 2,4,5-TP	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8081B - Methoxychlor	(4) Amber VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 7470A - Mercury		
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-22A-03	Weather:	Partly cloudy, 67°F, NNW wind @ 5-10 mph, 30.1" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Field Analysis

			Final Reading
Time	15:20	15:22	15:24
Temp (°C)	15.12	15.09	15.10
Sp. Cond (umhos/cm)	536.2	535.5	534.2
pH	7.32	7.31	7.30
DO (mg/l)	0.41	0.37	0.33
ORP (mV)	88.7	87.0	85.5
Turbidity (NTU)	3.84	2.07	4.66

Comments: *As detailed in the Spring 2025 field form, 0.03' of PVC well casing was removed after sample collection in April 2025. The top of casing elevation and constructed well depth were updated with this Fall 2025 field form.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-23-03	Weather:	Partly cloudy, 68°F, NNW wind @ 5-10 mph, 30.1" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1177.08

Top of screen (ft. MSL): 1169.93 Materials: PVC Top of Casing elevation (ft. MSL): 1179.67

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.81	6.81	9.53
Water elevation (ft. MSL)	1172.86	1172.86	1170.14

3 Well Volumes (gal): 6.6 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	20.29	20.28	0.01

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____

____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump ____ Peristaltic pump X Bladder pump

____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____

____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1164.67 Flow Rate (mL/min): 175 Volume removed (gal): 0.7 Volume sampled (L): 3.15

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-23-03_25_10	USEPA 8260D - Appendix I VOCs & Dichlorofluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-T & 2,4,5-TP	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8081B - Methoxychlor	(4) Amber VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 7470A - Mercury		
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-23-03	Weather:	Partly cloudy, 68°F, NNW wind @ 5-10 mph, 30.1" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Field Analysis

			Final Reading
Time	16:15	16:17	16:19
Temp (°C)	14.74	14.46	14.39
Sp. Cond (umhos/cm)	578.8	578.4	578.2
pH	7.51	7.50	7.50
DO (mg/l)	0.47	0.44	0.42
ORP (mV)	10.6	4.2	1.0
Turbidity (NTU)	0.00	0.00	0.00

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-101A-12	Weather:	Clear, 65°F, SSE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1172.88
Top of screen (ft. MSL): 1168.20 Materials: PVC Top of Casing elevation (ft. MSL): 1175.45
Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.54	6.59	8.17
Water elevation (ft. MSL)	1168.91	1168.86	1167.28

3 Well Volumes (gal): 5.6 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.90	18.15	0.25

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____
____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump
____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____
____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No
Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1162.45 Flow Rate (mL/min): 200 Volume removed (gal): 0.6 Volume sampled (L): 1.99
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-101A-12_25_10	USEPA 8260D - Appendix I VOCs & Dichlorodifluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	14:56	14:58	15:00
Temp (°C)	15.83	15.80	15.90
Sp. Cond (umhos/cm)	1724.0	1728.0	1726.0
pH	6.99	6.99	6.99
DO (mg/l)	0.28	0.25	0.23
ORP (mV)	8.8	5.3	2.1
Turbidity (NTU)	31.75	29.60	23.90

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-101A-12	Weather:	Clear, 65°F, SSE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-101B	Weather:	Clear, 66°F, SE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 7 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1172.79

Top of screen (ft. MSL): 1144.79 Materials: PVC Top of Casing elevation (ft. MSL): 1175.85

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.82	5.87	5.89
Water elevation (ft. MSL)	1170.03	1169.98	1169.96

3 Well Volumes (gal): 17.6 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	41.78	41.85	0.07

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1141.85 Flow Rate (mL/min): 200 Volume removed (gal): 0.5 Volume sampled (L): 0.24

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-101B_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No

Field Analysis

			Final Reading
Time	15:34	15:36	15:38
Temp (°C)	13.46	13.36	13.22
Sp. Cond (umhos/cm)	619.9	617.9	615.0
pH	7.23	7.23	7.23
DO (mg/l)	0.31	0.27	0.25
ORP (mV)	-20.1	-17.9	-15.7
Turbidity (NTU)	0.84	0.18	0.74

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-101B in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-102A-12	Weather:	Clear, 66°F, ESE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1174.64

Top of screen (ft. MSL): 1169.87 Materials: PVC Top of Casing elevation (ft. MSL): 1177.06

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.68	6.71	6.78
Water elevation (ft. MSL)	1170.38	1170.35	1170.28

3 Well Volumes (gal): 5.6 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	18.03	18.20	0.17

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1164.06 Flow Rate (mL/min): 250 Volume removed (gal): 1.5 Volume sampled (L): 1.99

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-102A-12_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 7470A - Mercury		
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	16:30	16:32	16:34
Temp (°C)	16.98	17.08	17.09
Sp. Cond (umhos/cm)	997.9	1003.0	1006.0
pH	6.60	6.59	6.57
DO (mg/l)	0.26	0.26	0.26
ORP (mV)	8.0	4.0	0.4
Turbidity (NTU)	2.13	4.27	2.70

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-102A-12	Weather:	Clear, 66°F, ESE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-102A-12 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-103A-12	Weather:	Clear, 66°F, ESE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1175.13

Top of screen (ft. MSL): 1168.42 Materials: PVC Top of Casing elevation (ft. MSL): 1177.46

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.87	9.95	10.37
Water elevation (ft. MSL)	1167.59	1167.51	1167.09

3 Well Volumes (gal): 4.8 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	19.75	20.00	0.25

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1162.46 Flow Rate (mL/min): 225 Volume removed (gal): 0.6 Volume sampled (L): 1.99

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-103A-12_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-T	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	17:10	17:12	17:14
Temp (°C)	14.56	14.52	14.53
Sp. Cond (umhos/cm)	2269.0	2271.0	2272.0
pH	6.75	6.76	6.76
DO (mg/l)	0.31	0.26	0.23
ORP (mV)	-18.4	-22.8	-26.5
Turbidity (NTU)	1.55	1.93	2.20

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-103A-12	Weather:	Clear, 66°F, ESE wind @ 5-10 mph, 30.3" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-103A-12 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-104A-12	Weather:	Clear, 58°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1174.94

Top of screen (ft. MSL): 1170.06 Materials: PVC Top of Casing elevation (ft. MSL): 1177.29

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.72	8.77	9.93
Water elevation (ft. MSL)	1168.57	1168.52	1167.36

3 Well Volumes (gal): 4.4 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.70	17.88	0.18

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____

____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump

____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____

____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1164.29 Flow Rate (mL/min): 200 Volume removed (gal): 0.9 Volume sampled (L): 1.99

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-104A-12_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	12:06	12:08	12:10
Temp (°C)	16.93	16.92	16.87
Sp. Cond (umhos/cm)	1716.0	1709.0	1707.0
pH	6.66	6.68	6.70
DO (mg/l)	0.34	0.31	0.29
ORP (mV)	-46.0	-48.8	-51.3
Turbidity (NTU)	3.87	4.28	1.82

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-104A-12	Weather:	Clear, 58°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-104A-12 in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-105A-12	Weather:	Clear, 52°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1176.74

Top of screen (ft. MSL): 1171.89 Materials: PVC Top of Casing elevation (ft. MSL): 1179.19

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	10.67	10.70	10.71
Water elevation (ft. MSL)	1168.52	1168.49	1168.48

3 Well Volumes (gal): 3.6 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.96	18.22	0.26

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1166.19 Flow Rate (mL/min): 225 Volume removed (gal): 1.5 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-105A-12_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	10:51	10:53	10:55
Temp (°C)	15.88	15.97	15.93
Sp. Cond (umhos/cm)	939.6	938.5	938.6
pH	6.84	6.83	6.83
DO (mg/l)	0.24	0.23	0.21
ORP (mV)	-2.3	-7.3	-12.0
Turbidity (NTU)	0.00	0.00	0.00

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-105A-12	Weather:	Clear, 52°F, ESE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-106A-12	Weather:	Partly Cloudy, 64°F, NNW wind @ 10-20 mph, 30.2" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1179.17

Top of screen (ft. MSL): 1172.32 Materials: PVC Top of Casing elevation (ft. MSL): 1181.59

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	12.87	12.87	12.95
Water elevation (ft. MSL)	1168.72	1168.72	1168.64

3 Well Volumes (gal): 3.3 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	19.70	19.95	0.25

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____

____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump

____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____

____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1166.59 Flow Rate (mL/min): 200 Volume removed (gal): 0.8 Volume sampled (L): 3.15

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-106A-12_25_10	USEPA 8260D - Appendix I VOCs & Dichlorofluoromethane	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - unpreserved	No
	USEPA 8270E - Bis(2-ethylhexyl)phalate	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-T & 2,4,5-TP	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8081B - Methoxychlor	(4) Amber VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	
	USEPA 7470A - Mercury		
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - $ZnC_4H_6O_4$ + NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-106A-12	Weather:	Partly Cloudy, 64°F, NNW wind @ 10-20 mph, 30.2" Hg
Date:	10/7/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Field Analysis

			Final Reading
Time	17:12	17:14	17:16
Temp (°C)	17.48	17.50	17.52
Sp. Cond (umhos/cm)	1038.0	1042.0	1041.0
pH	8.33	7.34	7.33
DO (mg/l)	0.44	0.38	0.34
ORP (mV)	-79.3	-84.1	-87.4
Turbidity (NTU)	0.00	0.00	0.00

Comments:

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-107A	Weather:	Clear, 63°F, NNW wind @ 15-20 mph, 30.2" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1179.53

Top of screen (ft. MSL): 1173.73 Materials: PVC Top of Casing elevation (ft. MSL): 1182.43

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.79	9.55	9.64
Water elevation (ft. MSL)	1173.64	1172.88	1172.79

3 Well Volumes (gal): 4.8 Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC)	18.70	18.75	0.05

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ___ No-purge (specify sample interval): ___

___ Bailer ___ Other (specify): ___

Equipment type: ___ Submersible pump X Peristaltic pump ___ Bladder pump

___ Inertial lift pump ___ Bailer ___ No-purge (specify): ___

___ Other (specify): ___

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1168.43 Flow Rate (mL/min): 200 Volume removed (gal): 1.0 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-107A_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Total Arsenic & Barium	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	13:12	13:14	13:16
Temp (°C)	16.21	16.25	16.26
Sp. Cond (umhos/cm)	1490.0	1485.0	1478.0
pH	6.84	6.86	6.87
DO (mg/l)	0.21	0.20	0.19
ORP (mV)	-48.4	-51.0	-53.3
Turbidity (NTU)	29.0	31.5	31.7

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-107A	Weather:	Clear, 63°F, NNW wind @ 15-20 mph, 30.2" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-107A in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Collected field duplicate (FD-2_25_10) at MW-107A.

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-108A	Weather:	Clear, 64°F, SE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8 Casing Diameter (in): 2 Ground surface elevation (ft. MSL): 1170.44

Top of screen (ft. MSL): 1165.70 Materials: PVC Top of Casing elevation (ft. MSL): 1173.23

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.23	6.29	7.34
Water elevation (ft. MSL)	1167.00	1166.94	1165.89

3 Well Volumes (gal): 5.5 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC)	17.53	17.60	0.07

Well conditions commentary: See Well Maintenance Evaluation Form for details.

Sampling Details

Sampling Method: X Pump (low flow) ____ No-purge (specify sample interval): ____

____ Bailer ____ Other (specify): ____

Equipment type: ____ Submersible pump X Peristaltic pump ____ Bladder pump

____ Inertial lift pump ____ Bailer ____ No-purge (specify): ____

____ Other (specify): ____

Equipment name/description: GeoTech Peristaltic Dedicated? (Y/N): No Disposable? (Y/N): No

Decontamination method: disposable tubing

Equipment depth (ft. MSL:) 1160.23 Flow Rate (mL/min): 175 Volume removed (gal): 0.5 Volume sampled (L): 1.49

Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered? (if yes, filter size)
MW-108A_25_10	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Total Arsenic & Barium	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	14:02	14:04	14:06
Temp (°C)	17.34	17.47	17.60
Sp. Cond (umhos/cm)	540.6	541.0	540.8
pH	7.42	7.43	7.43
DO (mg/l)	0.38	0.33	0.29
ORP (mV)	21.7	21.4	21.3
Turbidity (NTU)	0.00	0.00	0.05

Groundwater Sampling Field Sheet

Site Name:	Landfill of North Iowa	Permit No.:	17-SDP-01-75P
Well/Piezometer:	MW-108A	Weather:	Clear, 64°F, SE wind @ 5-10 mph, 30.4" Hg
Date:	10/8/2025	Personnel:	O.A. Technical Services: Tyler Merritt and Curtis Schwartz

Comments: In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-108A in Fall 2025. The next annual monitoring event is scheduled for Fall 2026.

Well maintenance was conducted after sample collection in October 2025. At MW-108A, 0.17' of PVC well casing was removed to allow room for PVC well cap placement, closure, and locking of the outer protective casing. The top of casing elevation and constructed well depth will be updated on future forms (i.e., TOC = 1173.06' amsl; Constructed Well Depth = 17.36' bTOC).

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Wilming
Foth Infrastructure & Environment, LLC
411 6th Avenue SE
Suite 400
Cedar Rapids, Iowa 52401

Generated 10/24/2025 4:34:45 PM

JOB DESCRIPTION

Landfill of North Iowa Groundwater

JOB NUMBER

310-317647-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
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Job ID: 310-317647-1 Eurofins Cedar Falls

Job Narrative
310-317647-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/9/2025 11:24 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.0°C, 0.7°C, 0.9°C, 0.9°C, 1.1°C, 1.1°C, 2.0°C, 2.3°C and 2.4°C.

Receipt Exceptions
We didn't receive the 2 250ml ambers for sample 16.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-469633 recovered outside of the control limits for Dichlorodifluoromethane (-25%D). The LCS associated with this CCV passed CCV criteria for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-469633/4).

Method 8260D: The method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container: TB-1_25_10 (310-317647-31) and TB-2_25_10 (310-317647-32).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-469975 recovered outside of the control limits for Bromomethane (-21%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is impacted: (CCV 310-469975/4).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-469972 recovered outside of the control limits for Bromomethane (-26%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is impacted: (CCV 310-469972/4).

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: TB-1_25_10 (310-317647-31).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081B: The continuing calibration verification (CCV) associated with batch 310-470090 recovered above the upper control limit for Methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 310-317647-1 (Continued) Eurofins Cedar Falls

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-317647-1	GUA-1-2_25_10	Water	10/08/25 10:30	10/09/25 11:24	Iowa
310-317647-2	MW-1-89_25_10	Water	10/08/25 11:55	10/09/25 11:24	Iowa
310-317647-3	MW-2A-89_25_10	Water	10/08/25 17:20	10/09/25 11:24	Iowa
310-317647-4	MW-3-89_25_10	Water	10/08/25 16:30	10/09/25 11:24	Iowa
310-317647-5	MW-4A-89_25_10	Water	10/08/25 14:10	10/09/25 11:24	Iowa
310-317647-6	MW-4B-89_25_10	Water	10/08/25 15:15	10/09/25 11:24	Iowa
310-317647-7	MW-5-89_25_10	Water	10/08/25 13:30	10/09/25 11:24	Iowa
310-317647-8	MW-6-89_25_10	Water	10/07/25 17:30	10/09/25 11:24	Iowa
310-317647-9	MW-8A-89_25_10	Water	10/09/25 09:15	10/09/25 11:24	Iowa
310-317647-10	MW-9-92_25_10	Water	10/08/25 11:35	10/09/25 11:24	Iowa
310-317647-11	MW-11_25_10	Water	10/08/25 12:35	10/09/25 11:24	Iowa
310-317647-12	MW-15-10R_25_10	Water	10/08/25 09:50	10/09/25 11:24	Iowa
310-317647-13	MW-16-03_25_10	Water	10/07/25 16:20	10/09/25 11:24	Iowa
310-317647-14	MW-20-03_25_10	Water	10/07/25 14:25	10/09/25 11:24	Iowa
310-317647-15	MW-22A-03_25_10	Water	10/07/25 15:25	10/09/25 11:24	Iowa
310-317647-16	MW-23-03_25_10	Water	10/07/25 16:20	10/09/25 11:24	Iowa
310-317647-17	MW-101A-12_25_10	Water	10/08/25 15:05	10/09/25 11:24	Iowa
310-317647-18	MW-101B_25_10	Water	10/08/25 15:46	10/09/25 11:24	Iowa
310-317647-19	MW-102A-12_25_10	Water	10/08/25 16:35	10/09/25 11:24	Iowa
310-317647-20	MW-103A-12_25_10	Water	10/08/25 17:15	10/09/25 11:24	Iowa
310-317647-21	MW-104A-12_25_10	Water	10/08/25 12:15	10/09/25 11:24	Iowa
310-317647-22	MW-105A-12_25_10	Water	10/08/25 11:00	10/09/25 11:24	Iowa
310-317647-23	MW-106A-12_25_10	Water	10/07/25 17:20	10/09/25 11:24	Iowa
310-317647-24	MW-107A_25_10	Water	10/08/25 13:20	10/09/25 11:24	Iowa
310-317647-25	MW-108A_25_10	Water	10/08/25 14:10	10/09/25 11:24	Iowa
310-317647-26	FD-1_25_10	Water	10/08/25 00:00	10/09/25 11:24	Iowa
310-317647-27	FD-2_25_10	Water	10/08/25 00:00	10/09/25 11:24	Iowa
310-317647-28	FD-3_25_10	Water	10/08/25 00:00	10/09/25 11:24	Iowa
310-317647-29	FB-1_25_10	Water	10/08/25 11:05	10/09/25 11:24	Iowa
310-317647-30	FB-2_25_10	Water	10/09/25 09:20	10/09/25 11:24	Iowa
310-317647-31	TB-1_25_10	Water	10/09/25 00:00	10/09/25 11:24	Iowa
310-317647-32	TB-2_25_10	Water	10/09/25 00:00	10/09/25 11:24	Iowa

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: GUA-1-2_25_10 — Lab Sample ID: 310-317647-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00928		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.662		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000632		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0154		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	9.00		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-1-89_25_10 — Lab Sample ID: 310-317647-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.759	J	1.00	0.480	ug/L	1		8260D	Total/NA
Arsenic	0.00129	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0753		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00167		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0102		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.00		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-2A-89_25_10 — Lab Sample ID: 310-317647-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.528	J	1.00	0.230	ug/L	1		8260D	Total/NA
Arsenic	0.132		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	1.11		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00372		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00249	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	26.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-3-89_25_10 — Lab Sample ID: 310-317647-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000826	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.265		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000812		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00928		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00210	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.00		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-4A-89_25_10 — Lab Sample ID: 310-317647-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00172	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.00309		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.316		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00247		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00359	J	0.00500	0.00320	mg/L	1		6020B	Total/NA
Nickel	0.00639		0.00500	0.00230	mg/L	1		6020B	Total/NA
Selenium	0.00401	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Vanadium	0.00823		0.00500	0.00170	mg/L	1		6020B	Total/NA

Client Sample ID: MW-4B-89_25_10 — Lab Sample ID: 310-317647-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.800	J	1.00	0.220	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	0.339	J	1.00	0.230	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-4B-89_25_10 (Continued) — Lab Sample ID: 310-317647-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.12		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	1.29		1.00	0.400	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.913	J	1.00	0.210	ug/L	1		8260D	Total/NA
Vinyl chloride	0.793	J	1.00	0.180	ug/L	1		8260D	Total/NA
Antimony	0.00158	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.0287		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.730		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00181		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0158		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00635		0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	18.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-5-89_25_10 — Lab Sample ID: 310-317647-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.53	J	10.0	3.10	ug/L	1		8260D	Total/NA
Arsenic	0.00280		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	1.04		0.00200	0.000660	mg/L	1		6020B	Total/NA
Chromium	0.00609		0.00500	0.00180	mg/L	1		6020B	Total/NA
Cobalt	0.00150		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0237		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00602		0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	26.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-6-89_25_10 — Lab Sample ID: 310-317647-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00333		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.205		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00117		0.000500	0.000170	mg/L	1		6020B	Total/NA
Vanadium	0.00615		0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.00		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-8A-89_25_10 — Lab Sample ID: 310-317647-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00175	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.00212		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0545		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000191	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Nickel	0.00790		0.00500	0.00230	mg/L	1		6020B	Total/NA
Selenium	0.00145	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Vanadium	0.00532		0.00500	0.00170	mg/L	1		6020B	Total/NA

Client Sample ID: MW-9-92_25_10 — Lab Sample ID: 310-317647-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.32		1.00	0.220	ug/L	1		8260D	Total/NA
Benzene	1.24		0.500	0.220	ug/L	1		8260D	Total/NA
Chloroethane	2.36	J	4.00	0.790	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.237	J	1.00	0.210	ug/L	1		8260D	Total/NA
Vinyl chloride	0.227	J	1.00	0.180	ug/L	1		8260D	Total/NA
Arsenic	0.123		0.00200	0.000530	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-9-92_25_10 (Continued) — Lab Sample ID: 310-317647-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.711		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00535		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0125		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00284	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	36.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-11_25_10 — Lab Sample ID: 310-317647-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00117	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.184		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.38		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-15-10R_25_10 — Lab Sample ID: 310-317647-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0254		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.118		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00279		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0136		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00313	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	11.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-16-03_25_10 — Lab Sample ID: 310-317647-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00707		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.155		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0143		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0484		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00253	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	38.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-20-03_25_10 — Lab Sample ID: 310-317647-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00107	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0881		0.00200	0.000660	mg/L	1		6020B	Total/NA
Vanadium	0.00299	J	0.00500	0.00170	mg/L	1		6020B	Total/NA

Client Sample ID: MW-22A-03_25_10 — Lab Sample ID: 310-317647-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00188	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.190		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000569		0.000500	0.000170	mg/L	1		6020B	Total/NA
Vanadium	0.00281	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	6.50		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-23-03_25_10 — Lab Sample ID: 310-317647-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0299		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.197		0.00200	0.000660	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-23-03_25_10 (Continued) — Lab Sample ID: 310-317647-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.000498	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Vanadium	0.00330	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.88		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-101A-12_25_10 — Lab Sample ID: 310-317647-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.02		1.00	0.220	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	0.418	J	1.00	0.390	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	2.59		1.00	0.270	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	0.356	J	1.00	0.230	ug/L	1		8260D	Total/NA
Benzene	0.578		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	5.36		1.00	0.400	ug/L	1		8260D	Total/NA
Chloroethane	0.908	J	4.00	0.790	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	14.5		1.00	0.210	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.03		1.00	0.480	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.447	J	1.00	0.270	ug/L	1		8260D	Total/NA
Trichloroethene	7.06		1.00	0.430	ug/L	1		8260D	Total/NA
Vinyl chloride	3.43		1.00	0.180	ug/L	1		8260D	Total/NA
Dichlorodifluoromethane	2.32	J	3.00	0.250	ug/L	1		8260D	Total/NA
Arsenic	0.00951		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.831		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000509		0.000500	0.000170	mg/L	1		6020B	Total/NA
Vanadium	0.00380	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	7.62		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-101B_25_10 — Lab Sample ID: 310-317647-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.320	J	1.00	0.210	ug/L	1		8260D	Total/NA
Vinyl chloride	0.289	J	1.00	0.180	ug/L	1		8260D	Total/NA

Client Sample ID: MW-102A-12_25_10 — Lab Sample ID: 310-317647-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.371	J	1.00	0.370	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	0.319	J	1.00	0.230	ug/L	1		8260D	Total/NA
Chlorobenzene	0.732	J	1.00	0.400	ug/L	1		8260D	Total/NA
Antimony	0.00156	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.0917		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.618		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00595		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00695		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00253	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	22.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-103A-12_25_10 — Lab Sample ID: 310-317647-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.64	J	10.0	3.10	ug/L	1		8260D	Total/NA
Benzene	0.388	J	0.500	0.220	ug/L	1		8260D	Total/NA
Arsenic	0.00549		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.757		0.00200	0.000660	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-103A-12_25_10 (Continued) — Lab Sample ID: 310-317647-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00362		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0337		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00388	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	25.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-104A-12_25_10 — Lab Sample ID: 310-317647-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.601	J	1.00	0.220	ug/L	1		8260D	Total/NA
Benzene	0.444	J	0.500	0.220	ug/L	1		8260D	Total/NA
Chloroethane	1.00	J	4.00	0.790	ug/L	1		8260D	Total/NA
Arsenic	0.0616		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.578		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000308	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00262	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00259	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	74.0		30.0	21.0	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-105A-12_25_10 — Lab Sample ID: 310-317647-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0125		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.296		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00503		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00611		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	16.5		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-106A-12_25_10 — Lab Sample ID: 310-317647-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.321		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.187		0.00200	0.000660	mg/L	1		6020B	Total/NA
Chromium	0.00228	J	0.00500	0.00180	mg/L	1		6020B	Total/NA
Cobalt	0.00230		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00662		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	38.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-107A_25_10 — Lab Sample ID: 310-317647-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.523	J	1.00	0.400	ug/L	1		8260D	Total/NA
Vinyl chloride	0.351	J	1.00	0.180	ug/L	1		8260D	Total/NA
Arsenic	0.168		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.563		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	45.5		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-108A_25_10 — Lab Sample ID: 310-317647-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.246		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.63	J	1.88	1.31	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: FD-1_25_10 — Lab Sample ID: 310-317647-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00142	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.0241		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.112		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00273		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0120		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	14.7		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FD-2_25_10 — Lab Sample ID: 310-317647-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.536	J	1.00	0.400	ug/L	1		8260D	Total/NA
Vinyl chloride	0.305	J	1.00	0.180	ug/L	1		8260D	Total/NA
Arsenic	0.169		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.553		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00589		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00584		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	30.3		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FD-3_25_10 — Lab Sample ID: 310-317647-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000893	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.283		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000915		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0106		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00208	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.88		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FB-1_25_10 — Lab Sample ID: 310-317647-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.665	J	1.00	0.430	ug/L	1		8260D	Total/NA

Client Sample ID: FB-2_25_10 — Lab Sample ID: 310-317647-30

No Detections.

Client Sample ID: TB-1_25_10 — Lab Sample ID: 310-317647-31

No Detections.

Client Sample ID: TB-2_25_10 — Lab Sample ID: 310-317647-32

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: GUA-1-2_25_10
Date Collected: 10/08/25 10:30
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 16:48	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 16:48	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 16:48	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 16:48	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 16:48	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 16:48	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 16:48	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 16:48	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 16:48	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 16:48	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 16:48	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 13:20	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 16:48	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 16:48	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 16:48	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 16:48	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 16:48	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 16:48	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 16:48	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 16:48	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 16:48	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 16:48	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 16:48	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 16:48	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 16:48	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 16:48	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 16:48	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 16:48	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 16:48	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 16:48	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 16:48	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 16:48	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 16:48	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 16:48	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 16:48	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 16:48	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 16:48	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 16:48	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 16:48	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 16:48	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 16:48	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 16:48	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 16:48	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 16:48	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 16:48	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 16:48	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*76 - 130*		*10/10/25 16:48*	*1*

Client Sample ID: GUA-1-2_25_10
Lab Sample ID: 310-317647-1
Date Collected: 10/08/25 10:30
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*10/15/25 13:20*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/10/25 16:48*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/15/25 13:20*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*10/10/25 16:48*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/15/25 13:20*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 16:13	1
Arsenic	**0.00928**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 16:13	1
Barium	**0.662**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 16:13	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 16:13	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 16:13	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 16:13	1
Cobalt	**0.000632**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 16:13	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 16:13	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 16:13	1
Nickel	**0.0154**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 16:13	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 16:13	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 16:13	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 16:13	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 16:13	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**9.00**		1.88	1.31	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-1-89_25_10
Date Collected: 10/08/25 11:55
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 17:10	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 17:10	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 17:10	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 17:10	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 17:10	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 17:10	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 17:10	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 17:10	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 17:10	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 17:10	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 17:10	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 13:42	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 17:10	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 17:10	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 17:10	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 17:10	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 17:10	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 17:10	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 17:10	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 17:10	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 17:10	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 17:10	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 17:10	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 17:10	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 17:10	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 17:10	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 17:10	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 17:10	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 17:10	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 17:10	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 17:10	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 17:10	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 17:10	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 17:10	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 17:10	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 17:10	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 17:10	1
Tetrachloroethene	**0.759**	**J**	1.00	0.480	ug/L			10/10/25 17:10	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 17:10	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 17:10	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 17:10	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 17:10	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 17:10	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 17:10	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 17:10	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 17:10	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*76 - 130*		*10/10/25 17:10*	*1*

Client Sample ID: MW-1-89_25_10
Lab Sample ID: 310-317647-2
Date Collected: 10/08/25 11:55
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*76 - 130*		*10/15/25 13:42*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/10/25 17:10*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/15/25 13:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*10/10/25 17:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/15/25 13:42*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 16:16	1
Arsenic	**0.00129**	**J**	0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 16:16	1
Barium	**0.0753**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 16:16	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 16:16	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 16:16	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 16:16	1
Cobalt	**0.00167**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 16:16	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 16:16	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 16:16	1
Nickel	**0.0102**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 16:16	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 16:16	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 16:16	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 16:16	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 16:16	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.00**		1.88	1.31	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-2A-89_25_10
Date Collected: 10/08/25 17:20
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 17:33	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 17:33	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 17:33	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 17:33	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 17:33	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 17:33	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 17:33	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 17:33	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 17:33	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 17:33	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 17:33	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 14:04	1
1,4-Dichlorobenzene	**0.528**	**J**	1.00	0.230	ug/L			10/10/25 17:33	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 17:33	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 17:33	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 17:33	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 17:33	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 17:33	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 17:33	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 17:33	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 17:33	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 17:33	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 17:33	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 17:33	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 17:33	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 17:33	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 17:33	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 17:33	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 17:33	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 17:33	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 17:33	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 17:33	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 17:33	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 17:33	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 17:33	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 17:33	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 17:33	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 17:33	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 17:33	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 17:33	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 17:33	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 17:33	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 17:33	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 17:33	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 17:33	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 17:33	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*76 - 130*		*10/10/25 17:33*	*1*

Client Sample ID: MW-2A-89_25_10
Lab Sample ID: 310-317647-3
Date Collected: 10/08/25 17:20
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*76 - 130*		*10/15/25 14:04*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/10/25 17:33*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/15/25 14:04*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*10/10/25 17:33*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/15/25 14:04*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 16:19	1
Arsenic	**0.132**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 16:19	1
Barium	**1.11**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 16:19	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 16:19	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 16:19	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 16:19	1
Cobalt	**0.00372**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 16:19	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 16:19	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 16:19	1
Nickel	**0.00249**	**J**	0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 16:19	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 16:19	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 16:19	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 16:19	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 16:19	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 16:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/14/25 13:36	10/14/25 13:56	1
Total Suspended Solids (USGS I-3765-85)	**26.0**		15.0	10.5	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-3-89_25_10
Date Collected: 10/08/25 16:30
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 17:55	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 17:55	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 17:55	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 17:55	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 17:55	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 17:55	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 17:55	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 17:55	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 17:55	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 17:55	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 17:55	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 14:26	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 17:55	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 17:55	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 17:55	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 17:55	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 17:55	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 17:55	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 17:55	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 17:55	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 17:55	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 17:55	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 17:55	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 17:55	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 17:55	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 17:55	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 17:55	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 17:55	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 17:55	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 17:55	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 17:55	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 17:55	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 17:55	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 17:55	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 17:55	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 17:55	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 17:55	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 17:55	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 17:55	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 17:55	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 17:55	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 17:55	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 17:55	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 17:55	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 17:55	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 17:55	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*76 - 130*		*10/10/25 17:55*	*1*

Client Sample ID: MW-3-89_25_10
Lab Sample ID: 310-317647-4
Date Collected: 10/08/25 16:30
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*10/15/25 14:26*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/10/25 17:55*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/15/25 14:26*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*10/10/25 17:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/15/25 14:26*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 16:22	1
Arsenic	**0.000826**	**J**	0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 16:22	1
Barium	**0.265**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 16:22	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 16:22	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 16:22	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 16:22	1
Cobalt	**0.000812**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 16:22	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 16:22	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 16:22	1
Nickel	**0.00928**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 16:22	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 16:22	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 16:22	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 16:22	1
Vanadium	**0.00210**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 16:22	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.00**		1.88	1.31	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-4A-89_25_10
Date Collected: 10/08/25 14:10
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 18:18	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 18:18	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 18:18	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 18:18	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 18:18	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 18:18	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 18:18	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 18:18	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 18:18	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 18:18	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 18:18	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 14:47	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 18:18	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 18:18	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 18:18	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 18:18	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 18:18	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 18:18	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 18:18	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 18:18	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 18:18	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 18:18	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 18:18	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 18:18	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 18:18	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 18:18	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 18:18	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 18:18	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 18:18	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 18:18	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 18:18	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 18:18	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 18:18	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 18:18	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 18:18	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 18:18	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 18:18	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 18:18	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 18:18	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 18:18	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 18:18	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 18:18	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 18:18	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 18:18	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 18:18	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 18:18	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*10/10/25 18:18*	*1*

Client Sample ID: MW-4A-89_25_10
Lab Sample ID: 310-317647-5
Date Collected: 10/08/25 14:10
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*76 - 130*		*10/15/25 14:47*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/10/25 18:18*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/15/25 14:47*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*10/10/25 18:18*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/15/25 14:47*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00172**	**J**	0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 14:59	1
Arsenic	**0.00309**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 14:59	1
Barium	**0.316**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 14:59	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 14:59	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 14:59	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 14:59	1
Cobalt	**0.00247**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 14:59	1
Copper	**0.00359**	**J**	0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 14:59	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 14:59	1
Nickel	**0.00639**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 14:59	1
Selenium	**0.00401**	**J**	0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 14:59	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 14:59	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 14:59	1
Vanadium	**0.00823**		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 14:59	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-4B-89_25_10
Date Collected: 10/08/25 15:15
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 18:40	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 18:40	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 18:40	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 18:40	1
1,1-Dichloroethane	**0.800**	**J**	1.00	0.220	ug/L			10/10/25 18:40	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 18:40	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 18:40	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 18:40	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 18:40	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 18:40	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 18:40	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 15:09	1
1,4-Dichlorobenzene	**0.339**	**J**	1.00	0.230	ug/L			10/10/25 18:40	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 18:40	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 18:40	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 18:40	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 18:40	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 18:40	1
Benzene	**1.12**		0.500	0.220	ug/L			10/10/25 18:40	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 18:40	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 18:40	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 18:40	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 18:40	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 18:40	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 18:40	1
Chlorobenzene	**1.29**		1.00	0.400	ug/L			10/10/25 18:40	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 18:40	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 18:40	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 18:40	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 18:40	1
cis-1,2-Dichloroethene	**0.913**	**J**	1.00	0.210	ug/L			10/10/25 18:40	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 18:40	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 18:40	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 18:40	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 18:40	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 18:40	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 18:40	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 18:40	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 18:40	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 18:40	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 18:40	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 18:40	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 18:40	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 18:40	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 18:40	1
Vinyl chloride	**0.793**	**J**	1.00	0.180	ug/L			10/10/25 18:40	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*76 - 130*		*10/10/25 18:40*	*1*

Client Sample ID: MW-4B-89_25_10
Lab Sample ID: 310-317647-6
Date Collected: 10/08/25 15:15
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*76 - 130*		*10/15/25 15:09*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/10/25 18:40*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/15/25 15:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*10/10/25 18:40*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/15/25 15:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0301		0.0941	0.0301	ug/L		10/14/25 13:16	10/14/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*10 - 150*	*10/14/25 13:16*	*10/14/25 20:10*	*1*
Tetrachloro-m-xylene (Surr)	*70*		*17 - 150*	*10/14/25 13:16*	*10/14/25 20:10*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.103		0.981	0.103	ug/L		10/14/25 10:11	10/14/25 21:11	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00158**	**J**	0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:09	1
Arsenic	**0.0287**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:09	1
Barium	**0.730**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:09	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:09	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:09	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:09	1
Cobalt	**0.00181**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:09	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:09	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:09	1
Nickel	**0.0158**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:09	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:09	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:09	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:09	1
Vanadium	**0.00635**		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:09	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/14/25 13:37	10/14/25 14:20	1
Total Suspended Solids (USGS I-3765-85)	**18.0**		15.0	10.5	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-5-89_25_10
Date Collected: 10/08/25 13:30
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 19:03	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 19:03	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 19:03	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 19:03	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 19:03	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 19:03	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 19:03	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 19:03	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 19:03	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 19:03	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 19:03	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 15:31	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 19:03	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 19:03	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 19:03	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 19:03	1
Acetone	**3.53**	**J**	10.0	3.10	ug/L			10/10/25 19:03	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 19:03	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 19:03	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 19:03	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 19:03	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 19:03	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 19:03	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 19:03	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 19:03	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 19:03	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 19:03	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 19:03	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 19:03	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 19:03	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 19:03	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 19:03	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 19:03	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 19:03	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 19:03	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 19:03	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 19:03	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 19:03	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 19:03	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 19:03	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 19:03	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 19:03	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 19:03	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 19:03	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 19:03	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 19:03	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*76 - 130*		*10/10/25 19:03*	*1*

Client Sample ID: MW-5-89_25_10
Lab Sample ID: 310-317647-7
Date Collected: 10/08/25 13:30
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*76 - 130*		*10/15/25 15:31*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/10/25 19:03*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/15/25 15:31*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*10/10/25 19:03*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/15/25 15:31*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.139		0.996	0.139	ug/L		10/14/25 10:11	10/14/25 21:28	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:12	1
Arsenic	**0.00280**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:12	1
Barium	**1.04**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:12	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:12	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:12	1
Chromium	**0.00609**		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:12	1
Cobalt	**0.00150**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:12	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:12	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:12	1
Nickel	**0.0237**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:12	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:12	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:12	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:12	1
Vanadium	**0.00602**		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:12	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**26.0**		15.0	10.5	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-6-89_25_10
Date Collected: 10/07/25 17:30
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 19:25	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 19:25	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 19:25	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 19:25	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 19:25	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 19:25	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 19:25	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 19:25	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 19:25	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 19:25	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 19:25	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 19:25	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 19:25	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 19:25	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 19:25	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 19:25	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 19:25	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 19:25	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 19:25	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 19:25	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 19:25	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 19:25	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 19:25	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 19:25	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 19:25	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 19:25	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 17:43	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 19:25	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 19:25	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 19:25	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 19:25	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 19:25	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 19:25	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 19:25	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 19:25	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 19:25	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 19:25	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 19:25	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 19:25	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 19:25	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 19:25	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 19:25	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 19:25	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 19:25	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 19:25	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 19:25	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/15/25 17:43*	*1*

Client Sample ID: MW-6-89_25_10
Lab Sample ID: 310-317647-8
Date Collected: 10/07/25 17:30
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*10/15/25 17:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/15/25 17:43*	*1*
Dibromofluoromethane (Surr)	*118*		*76 - 130*		*10/10/25 19:25*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/10/25 19:25*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/10/25 19:25*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:14	1
Arsenic	**0.00333**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:14	1
Barium	**0.205**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:14	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:14	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:14	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:14	1
Cobalt	**0.00117**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:14	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:14	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:14	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:14	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:14	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:14	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:14	1
Vanadium	**0.00615**		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:14	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.00**		1.88	1.31	mg/L			10/10/25 04:45	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-8A-89_25_10
Date Collected: 10/09/25 09:15
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 19:48	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 19:48	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 19:48	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 19:48	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 19:48	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 19:48	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 19:48	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 19:48	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 19:48	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 19:48	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 19:48	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 15:53	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 19:48	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 19:48	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 19:48	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 19:48	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 19:48	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 19:48	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 19:48	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 19:48	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 19:48	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 19:48	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 19:48	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 19:48	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 19:48	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 19:48	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 19:48	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 19:48	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 19:48	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 19:48	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 19:48	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 19:48	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 19:48	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 19:48	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 19:48	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 19:48	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 19:48	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 19:48	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 19:48	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 19:48	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 19:48	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 19:48	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 19:48	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 19:48	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 19:48	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 19:48	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*76 - 130*		*10/10/25 19:48*	*1*

Client Sample ID: MW-8A-89_25_10
Lab Sample ID: 310-317647-9
Date Collected: 10/09/25 09:15
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*10/15/25 15:53*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/10/25 19:48*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/15/25 15:53*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*10/10/25 19:48*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/15/25 15:53*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00175**	**J**	0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:22	1
Arsenic	**0.00212**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:22	1
Barium	**0.0545**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:22	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:22	1
Cadmium	**0.000191**	**J**	0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:22	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:22	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:22	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:22	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:22	1
Nickel	**0.00790**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:22	1
Selenium	**0.00145**	**J**	0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:22	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:22	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:22	1
Vanadium	**0.00532**		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:22	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-9-92_25_10
Date Collected: 10/08/25 11:35
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 20:10	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 20:10	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 20:10	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 20:10	1
1,1-Dichloroethane	**4.32**		1.00	0.220	ug/L			10/10/25 20:10	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 20:10	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 20:10	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 20:10	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 20:10	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 20:10	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 20:10	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 16:15	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 20:10	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 20:10	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 20:10	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 20:10	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 20:10	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 20:10	1
Benzene	**1.24**		0.500	0.220	ug/L			10/10/25 20:10	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 20:10	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 20:10	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 20:10	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 20:10	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 20:10	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 20:10	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 20:10	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 20:10	1
Chloroethane	**2.36**	**J**	4.00	0.790	ug/L			10/10/25 20:10	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 20:10	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 20:10	1
cis-1,2-Dichloroethene	**0.237**	**J**	1.00	0.210	ug/L			10/10/25 20:10	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 20:10	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 20:10	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 20:10	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 20:10	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 20:10	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 20:10	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 20:10	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 20:10	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 20:10	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 20:10	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 20:10	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 20:10	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 20:10	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 20:10	1
Vinyl chloride	**0.227**	**J**	1.00	0.180	ug/L			10/10/25 20:10	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 130*		*10/10/25 20:10*	*1*

Client Sample ID: MW-9-92_25_10
Lab Sample ID: 310-317647-10
Date Collected: 10/08/25 11:35
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*76 - 130*		*10/15/25 16:15*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/10/25 20:10*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/15/25 16:15*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*10/10/25 20:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/15/25 16:15*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:24	1
Arsenic	**0.123**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:24	1
Barium	**0.711**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:24	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:24	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:24	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:24	1
Cobalt	**0.00535**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:24	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:24	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:24	1
Nickel	**0.0125**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:24	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:24	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:24	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:24	1
Vanadium	**0.00284**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:24	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**36.0**		15.0	10.5	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-11_25_10
Date Collected: 10/08/25 12:35
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 20:33	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 20:33	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 20:33	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 20:33	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 20:33	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 20:33	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 20:33	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 20:33	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 20:33	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 20:33	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 20:33	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 16:37	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 20:33	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 20:33	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 20:33	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 20:33	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 20:33	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 20:33	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 20:33	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 20:33	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 20:33	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 20:33	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 20:33	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 20:33	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 20:33	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 20:33	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 20:33	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 20:33	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 20:33	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 20:33	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 20:33	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 20:33	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 20:33	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 20:33	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 20:33	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 20:33	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 20:33	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 20:33	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 20:33	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 20:33	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 20:33	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 20:33	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 20:33	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 20:33	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 20:33	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 20:33	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*76 - 130*		*10/10/25 20:33*	*1*

Client Sample ID: MW-11_25_10
Lab Sample ID: 310-317647-11
Date Collected: 10/08/25 12:35
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*76 - 130*		*10/15/25 16:37*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/10/25 20:33*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/15/25 16:37*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/10/25 20:33*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/15/25 16:37*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00117**	**J**	0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:27	1
Barium	**0.184**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.38**		1.88	1.31	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-15-10R_25_10
Date Collected: 10/08/25 09:50
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 20:56	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 20:56	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 20:56	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 20:56	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 20:56	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 20:56	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 20:56	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 20:56	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 20:56	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 20:56	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 20:56	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 16:59	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 20:56	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 20:56	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 20:56	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 20:56	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 20:56	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 20:56	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 20:56	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 20:56	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 20:56	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 20:56	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 20:56	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 20:56	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 20:56	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 20:56	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 20:56	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 20:56	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 20:56	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 20:56	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 20:56	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 20:56	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 20:56	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 20:56	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 20:56	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 20:56	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 20:56	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 20:56	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 20:56	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 20:56	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 20:56	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 20:56	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 20:56	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 20:56	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 20:56	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 20:56	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 20:56	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/10/25 20:56	1

Client Sample ID: MW-15-10R_25_10
Date Collected: 10/08/25 09:50
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-12
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 130*		*10/10/25 20:56*	*1*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*10/15/25 16:59*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/10/25 20:56*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/15/25 16:59*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*10/10/25 20:56*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/15/25 16:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.19		9.43	5.19	ug/L		10/13/25 11:06	10/14/25 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*70*		*21 - 110*	*10/13/25 11:06*	*10/14/25 13:38*	*1*
Phenol-d5 (Surr)	*56*		*21 - 110*	*10/13/25 11:06*	*10/14/25 13:38*	*1*
Nitrobenzene-d5 (Surr)	*99*		*39 - 140*	*10/13/25 11:06*	*10/14/25 13:38*	*1*
2-Fluorobiphenyl (Surr)	*96*		*33 - 126*	*10/13/25 11:06*	*10/14/25 13:38*	*1*
2,4,6-Tribromophenol (Surr)	*106*		*20 - 144*	*10/13/25 11:06*	*10/14/25 13:38*	*1*
Terphenyl-d14 (Surr)	*97*		*13 - 150*	*10/13/25 11:06*	*10/14/25 13:38*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0293		0.0916	0.0293	ug/L		10/14/25 13:16	10/22/25 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*62*		*10 - 150*	*10/14/25 13:16*	*10/22/25 14:55*	*1*
Tetrachloro-m-xylene (Surr)	*66*		*17 - 150*	*10/14/25 13:16*	*10/22/25 14:55*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.138		0.985	0.138	ug/L		10/14/25 10:11	10/14/25 21:46	1
Silvex (2,4,5-TP)	<0.103		0.985	0.103	ug/L		10/14/25 10:11	10/14/25 21:46	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:30	1
Arsenic	**0.0254**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:30	1
Barium	**0.118**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:30	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:30	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:30	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:30	1
Cobalt	**0.00279**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:30	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:30	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:30	1
Nickel	**0.0136**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:30	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:30	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:30	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:30	1
Vanadium	**0.00313**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:30	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:30	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-15-10R_25_10
Lab Sample ID: 310-317647-12
Date Collected: 10/08/25 09:50
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/14/25 13:37	10/14/25 14:28	1
Total Suspended Solids (USGS I-3765-85)	11.0		7.50	5.25	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-16-03_25_10
Lab Sample ID: 310-317647-13
Date Collected: 10/07/25 16:20
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 21:18	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 21:18	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 21:18	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 21:18	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 21:18	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 21:18	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 21:18	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 21:18	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 21:18	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 21:18	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 21:18	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 21:18	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 21:18	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 21:18	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 21:18	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 21:18	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 21:18	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 21:18	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 21:18	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 21:18	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 21:18	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 21:18	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 21:18	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 21:18	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 21:18	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 21:18	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 18:05	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 21:18	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 21:18	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 21:18	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 21:18	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 21:18	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 21:18	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 21:18	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 21:18	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 21:18	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 21:18	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 21:18	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 21:18	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 21:18	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 21:18	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 21:18	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 21:18	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 21:18	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 21:18	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 21:18	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 21:18	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/10/25 21:18	1

Client Sample ID: MW-16-03_25_10
Date Collected: 10/07/25 16:20
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-13
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/15/25 18:05*	*1*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*10/15/25 18:05*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/15/25 18:05*	*1*
Dibromofluoromethane (Surr)	*121*		*76 - 130*		*10/10/25 21:18*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/10/25 21:18*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*10/10/25 21:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.61		10.2	5.61	ug/L		10/13/25 11:06	10/14/25 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*79*		*21 - 110*	*10/13/25 11:06*	*10/14/25 14:05*	*1*
Phenol-d5 (Surr)	*66*		*21 - 110*	*10/13/25 11:06*	*10/14/25 14:05*	*1*
Nitrobenzene-d5 (Surr)	*110*		*39 - 140*	*10/13/25 11:06*	*10/14/25 14:05*	*1*
2-Fluorobiphenyl (Surr)	*106*		*33 - 126*	*10/13/25 11:06*	*10/14/25 14:05*	*1*
2,4,6-Tribromophenol (Surr)	*119*		*20 - 144*	*10/13/25 11:06*	*10/14/25 14:05*	*1*
Terphenyl-d14 (Surr)	*103*		*13 - 150*	*10/13/25 11:06*	*10/14/25 14:05*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0298		0.0931	0.0298	ug/L		10/14/25 13:18	10/22/25 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*54*		*10 - 150*	*10/14/25 13:18*	*10/22/25 15:09*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*17 - 150*	*10/14/25 13:18*	*10/22/25 15:09*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.131		0.932	0.131	ug/L		10/14/25 10:11	10/14/25 22:21	1
Silvex (2,4,5-TP)	<0.0979		0.932	0.0979	ug/L		10/14/25 10:11	10/14/25 22:21	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:32	1
Arsenic	**0.00707**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:32	1
Barium	**0.155**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:32	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:32	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:32	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:32	1
Cobalt	**0.0143**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:32	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:32	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:32	1
Nickel	**0.0484**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:32	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:32	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:32	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:32	1
Vanadium	**0.00253**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:32	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:32	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-16-03_25_10
Lab Sample ID: 310-317647-13
Date Collected: 10/07/25 16:20
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/12/25 18:06	10/13/25 01:53	1
Total Suspended Solids (USGS I-3765-85)	38.0		15.0	10.5	mg/L			10/10/25 04:45	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-20-03_25_10
Lab Sample ID: 310-317647-14
Date Collected: 10/07/25 14:25
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/11/25 05:35	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/11/25 05:35	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/11/25 05:35	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/11/25 05:35	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/11/25 05:35	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/11/25 05:35	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/11/25 05:35	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/11/25 05:35	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/11/25 05:35	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/11/25 05:35	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/11/25 05:35	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/11/25 05:35	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/11/25 05:35	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/11/25 05:35	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/11/25 05:35	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/11/25 05:35	1
Acetone	<3.10		10.0	3.10	ug/L			10/11/25 05:35	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/11/25 05:35	1
Benzene	<0.220		0.500	0.220	ug/L			10/11/25 05:35	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/11/25 05:35	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/11/25 05:35	1
Bromoform	<0.780		5.00	0.780	ug/L			10/11/25 05:35	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/11/25 05:35	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/11/25 05:35	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/11/25 05:35	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/11/25 05:35	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/11/25 05:35	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/11/25 05:35	1
Chloroform	<1.30		3.00	1.30	ug/L			10/11/25 05:35	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/11/25 05:35	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/11/25 05:35	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/11/25 05:35	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/11/25 05:35	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/11/25 05:35	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/11/25 05:35	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/11/25 05:35	1
Styrene	<0.370		1.00	0.370	ug/L			10/11/25 05:35	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/11/25 05:35	1
Toluene	<0.430		1.00	0.430	ug/L			10/11/25 05:35	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/11/25 05:35	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/11/25 05:35	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/11/25 05:35	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/11/25 05:35	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/11/25 05:35	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/11/25 05:35	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/11/25 05:35	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/11/25 05:35	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/11/25 05:35	1

Client Sample ID: MW-20-03_25_10
Lab Sample ID: 310-317647-14
Date Collected: 10/07/25 14:25
Matrix: Water
Date Received: 10/09/25 11:24

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*120*		*76 - 130*		*10/11/25 05:35*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/11/25 05:35*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*10/11/25 05:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.50		10.0	5.50	ug/L		10/13/25 11:06	10/14/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*91*		*21 - 110*	*10/13/25 11:06*	*10/14/25 14:31*	*1*
Phenol-d5 (Surr)	*76*		*21 - 110*	*10/13/25 11:06*	*10/14/25 14:31*	*1*
Nitrobenzene-d5 (Surr)	*124*		*39 - 140*	*10/13/25 11:06*	*10/14/25 14:31*	*1*
2-Fluorobiphenyl (Surr)	*122*		*33 - 126*	*10/13/25 11:06*	*10/14/25 14:31*	*1*
2,4,6-Tribromophenol (Surr)	*135*		*20 - 144*	*10/13/25 11:06*	*10/14/25 14:31*	*1*
Terphenyl-d14 (Surr)	*128*		*13 - 150*	*10/13/25 11:06*	*10/14/25 14:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0303		0.0946	0.0303	ug/L		10/14/25 13:18	10/22/25 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*51*		*10 - 150*	*10/14/25 13:18*	*10/22/25 15:23*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 150*	*10/14/25 13:18*	*10/22/25 15:23*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.142		1.01	0.142	ug/L		10/14/25 10:11	10/14/25 22:39	1
Silvex (2,4,5-TP)	<0.106		1.01	0.106	ug/L		10/14/25 10:11	10/14/25 22:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:35	1
Arsenic	**0.00107**	**J**	0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:35	1
Barium	**0.0881**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:35	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:35	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:35	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:35	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:35	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:35	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:35	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:35	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:35	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:35	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:35	1
Vanadium	**0.00299**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:35	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:13	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-20-03_25_10
Lab Sample ID: 310-317647-14
Date Collected: 10/07/25 14:25
Matrix: Water
Date Received: 10/09/25 11:24

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/12/25 18:10	10/13/25 02:03	1
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			10/10/25 04:45	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-22A-03_25_10
Lab Sample ID: 310-317647-15
Date Collected: 10/07/25 15:25
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 12:43	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 12:43	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 12:43	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 12:43	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 12:43	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 12:43	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 12:43	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 12:43	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 12:43	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 12:43	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 12:43	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 12:43	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 12:43	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 12:43	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 12:43	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 12:43	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 12:43	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 12:43	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 12:43	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 12:43	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 12:43	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 12:43	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 12:43	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 12:43	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 12:43	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 12:43	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 12:43	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 12:43	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 12:43	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 12:43	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 12:43	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 12:43	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 12:43	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 12:43	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 12:43	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 12:43	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 12:43	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 12:43	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 12:43	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 12:43	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 12:43	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 12:43	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 12:43	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 12:43	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 12:43	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 12:43	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 12:43	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/14/25 12:43	1

Client Sample ID: MW-22A-03_25_10
Date Collected: 10/07/25 15:25
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-15
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*10/14/25 12:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/14/25 12:43*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/14/25 12:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.50		10.0	5.50	ug/L		10/13/25 11:06	10/14/25 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*68*		*21 - 110*	*10/13/25 11:06*	*10/14/25 14:58*	*1*
Phenol-d5 (Surr)	*51*		*21 - 110*	*10/13/25 11:06*	*10/14/25 14:58*	*1*
Nitrobenzene-d5 (Surr)	*115*		*39 - 140*	*10/13/25 11:06*	*10/14/25 14:58*	*1*
2-Fluorobiphenyl (Surr)	*111*		*33 - 126*	*10/13/25 11:06*	*10/14/25 14:58*	*1*
2,4,6-Tribromophenol (Surr)	*109*		*20 - 144*	*10/13/25 11:06*	*10/14/25 14:58*	*1*
Terphenyl-d14 (Surr)	*113*		*13 - 150*	*10/13/25 11:06*	*10/14/25 14:58*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0309		0.0964	0.0309	ug/L		10/14/25 13:18	10/22/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*10 - 150*	*10/14/25 13:18*	*10/22/25 15:37*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*17 - 150*	*10/14/25 13:18*	*10/22/25 15:37*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.134		0.959	0.134	ug/L		10/14/25 10:11	10/14/25 22:57	1
Silvex (2,4,5-TP)	<0.101		0.959	0.101	ug/L		10/14/25 10:11	10/14/25 22:57	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:37	1
Arsenic	**0.00188**	**J**	0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:37	1
Barium	**0.190**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:37	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:37	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:37	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:37	1
Cobalt	**0.000569**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:37	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:37	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:37	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:37	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:37	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:37	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:37	1
Vanadium	**0.00281**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:37	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:15	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-22A-03_25_10
Lab Sample ID: 310-317647-15
Date Collected: 10/07/25 15:25
Matrix: Water
Date Received: 10/09/25 11:24

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/12/25 18:20	10/13/25 02:34	1
Total Suspended Solids (USGS I-3765-85)	**6.50**		1.88	1.31	mg/L			10/10/25 04:45	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-23-03_25_10
Lab Sample ID: 310-317647-16
Date Collected: 10/07/25 16:20
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 13:05	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 13:05	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 13:05	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 13:05	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 13:05	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 13:05	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 13:05	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 13:05	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 13:05	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 13:05	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 13:05	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 13:05	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 13:05	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 13:05	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 13:05	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 13:05	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 13:05	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 13:05	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 13:05	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 13:05	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 13:05	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 13:05	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 13:05	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 13:05	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 13:05	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 13:05	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 13:05	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 13:05	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 13:05	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 13:05	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 13:05	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 13:05	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 13:05	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 13:05	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 13:05	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 13:05	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 13:05	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 13:05	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 13:05	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 13:05	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 13:05	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 13:05	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 13:05	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 13:05	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 13:05	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 13:05	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 13:05	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/14/25 13:05	1

Client Sample ID: MW-23-03_25_10
Lab Sample ID: 310-317647-16
Date Collected: 10/07/25 16:20
Matrix: Water
Date Received: 10/09/25 11:24

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*10/14/25 13:05*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/14/25 13:05*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*10/14/25 13:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.61		10.2	5.61	ug/L		10/13/25 11:06	10/14/25 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*80*		*21 - 110*	*10/13/25 11:06*	*10/14/25 15:24*	*1*
Phenol-d5 (Surr)	*66*		*21 - 110*	*10/13/25 11:06*	*10/14/25 15:24*	*1*
Nitrobenzene-d5 (Surr)	*108*		*39 - 140*	*10/13/25 11:06*	*10/14/25 15:24*	*1*
2-Fluorobiphenyl (Surr)	*106*		*33 - 126*	*10/13/25 11:06*	*10/14/25 15:24*	*1*
2,4,6-Tribromophenol (Surr)	*112*		*20 - 144*	*10/13/25 11:06*	*10/14/25 15:24*	*1*
Terphenyl-d14 (Surr)	*111*		*13 - 150*	*10/13/25 11:06*	*10/14/25 15:24*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0297		0.0928	0.0297	ug/L		10/14/25 13:18	10/22/25 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*10 - 150*	*10/14/25 13:18*	*10/22/25 15:51*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 150*	*10/14/25 13:18*	*10/22/25 15:51*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.142		1.01	0.142	ug/L		10/14/25 10:11	10/14/25 23:14	1
Silvex (2,4,5-TP)	<0.106		1.01	0.106	ug/L		10/14/25 10:11	10/14/25 23:14	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:42	1
Arsenic	**0.0299**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:42	1
Barium	**0.197**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:42	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:42	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:42	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:42	1
Cobalt	**0.000498**	**J**	0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:42	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:42	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:42	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:42	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:42	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:42	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:42	1
Vanadium	**0.00330**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:42	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:17	1

Client Sample ID: MW-23-03_25_10
Lab Sample ID: 310-317647-16
Date Collected: 10/07/25 16:20
Matrix: Water
Date Received: 10/09/25 11:24

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/12/25 18:23	10/13/25 02:44	1
Total Suspended Solids (USGS I-3765-85)	**1.88**		1.88	1.31	mg/L			10/10/25 04:45	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-101A-12_25_10
Date Collected: 10/08/25 15:05
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 19:06	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 19:06	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 19:06	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 19:06	1
1,1-Dichloroethane	**7.02**		1.00	0.220	ug/L			10/14/25 19:06	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 19:06	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 19:06	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 19:06	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 19:06	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 19:06	1
1,2-Dichloroethane	**0.418**	**J**	1.00	0.390	ug/L			10/14/25 19:06	1
1,2-Dichloropropane	**2.59**		1.00	0.270	ug/L			10/14/25 19:06	1
1,4-Dichlorobenzene	**0.356**	**J**	1.00	0.230	ug/L			10/14/25 19:06	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 19:06	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 19:06	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 19:06	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 19:06	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 19:06	1
Benzene	**0.578**		0.500	0.220	ug/L			10/14/25 19:06	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 19:06	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 19:06	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 19:06	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 19:06	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 19:06	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 19:06	1
Chlorobenzene	**5.36**		1.00	0.400	ug/L			10/14/25 19:06	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 19:06	1
Chloroethane	**0.908**	**J**	4.00	0.790	ug/L			10/14/25 19:06	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 19:06	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 19:06	1
cis-1,2-Dichloroethene	**14.5**		1.00	0.210	ug/L			10/14/25 19:06	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 19:06	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 19:06	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 19:06	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 19:06	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 19:06	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 19:06	1
Tetrachloroethene	**1.03**		1.00	0.480	ug/L			10/14/25 19:06	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 19:06	1
trans-1,2-Dichloroethene	**0.447**	**J**	1.00	0.270	ug/L			10/14/25 19:06	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 19:06	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 19:06	1
Trichloroethene	**7.06**		1.00	0.430	ug/L			10/14/25 19:06	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 19:06	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 19:06	1
Vinyl chloride	**3.43**		1.00	0.180	ug/L			10/14/25 19:06	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 19:06	1
Dichlorodifluoromethane	**2.32**	**J**	3.00	0.250	ug/L			10/14/25 19:06	1

Client Sample ID: MW-101A-12_25_10
Lab Sample ID: 310-317647-17
Date Collected: 10/08/25 15:05
Matrix: Water
Date Received: 10/09/25 11:24

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*76 - 130*		*10/14/25 19:06*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/14/25 19:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/14/25 19:06*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.73		10.4	5.73	ug/L		10/13/25 11:06	10/14/25 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*85*		*21 - 110*	*10/13/25 11:06*	*10/14/25 15:51*	*1*
Phenol-d5 (Surr)	*68*		*21 - 110*	*10/13/25 11:06*	*10/14/25 15:51*	*1*
Nitrobenzene-d5 (Surr)	*118*		*39 - 140*	*10/13/25 11:06*	*10/14/25 15:51*	*1*
2-Fluorobiphenyl (Surr)	*119*		*33 - 126*	*10/13/25 11:06*	*10/14/25 15:51*	*1*
2,4,6-Tribromophenol (Surr)	*129*		*20 - 144*	*10/13/25 11:06*	*10/14/25 15:51*	*1*
Terphenyl-d14 (Surr)	*118*		*13 - 150*	*10/13/25 11:06*	*10/14/25 15:51*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:45	1
Arsenic	**0.00951**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:45	1
Barium	**0.831**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:45	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:45	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:45	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:45	1
Cobalt	**0.000509**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:45	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:45	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:45	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:45	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:45	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:45	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:45	1
Vanadium	**0.00380**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:45	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**7.62**		1.88	1.31	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-101B_25_10
Date Collected: 10/08/25 15:46
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 13:28	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 13:28	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 13:28	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 13:28	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 13:28	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 13:28	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 13:28	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 13:28	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 13:28	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 13:28	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 13:28	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 13:28	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 13:28	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 13:28	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 13:28	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 13:28	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 13:28	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 13:28	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 13:28	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 13:28	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 13:28	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 13:28	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 13:28	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 13:28	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 13:28	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 13:28	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 13:28	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 13:28	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 13:28	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 13:28	1
cis-1,2-Dichloroethene	**0.320**	**J**	1.00	0.210	ug/L			10/14/25 13:28	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 13:28	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 13:28	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 13:28	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 13:28	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 13:28	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 13:28	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 13:28	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 13:28	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 13:28	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 13:28	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 13:28	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 13:28	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 13:28	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 13:28	1
Vinyl chloride	**0.289**	**J**	1.00	0.180	ug/L			10/14/25 13:28	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*10/14/25 13:28*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-101B_25_10
Lab Sample ID: 310-317647-18
Date Collected: 10/08/25 15:46
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		10/14/25 13:28	1
4-Bromofluorobenzene (Surr)	103		80 - 120		10/14/25 13:28	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-102A-12_25_10
Date Collected: 10/08/25 16:35
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-19
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 13:50	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 13:50	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 13:50	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 13:50	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 13:50	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 13:50	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 13:50	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 13:50	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 13:50	1
1,2-Dichlorobenzene	**0.371**	**J**	1.00	0.370	ug/L			10/14/25 13:50	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 13:50	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 13:50	1
1,4-Dichlorobenzene	**0.319**	**J**	1.00	0.230	ug/L			10/14/25 13:50	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 13:50	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 13:50	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 13:50	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 13:50	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 13:50	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 13:50	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 13:50	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 13:50	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 13:50	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 13:50	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 13:50	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 13:50	1
Chlorobenzene	**0.732**	**J**	1.00	0.400	ug/L			10/14/25 13:50	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 13:50	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 13:50	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 13:50	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 13:50	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 13:50	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 13:50	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 13:50	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 13:50	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 13:50	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 13:50	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 13:50	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 13:50	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 13:50	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 13:50	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 13:50	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 13:50	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 13:50	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 13:50	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 13:50	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 13:50	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*10/14/25 13:50*	*1*

Client Sample ID: MW-102A-12_25_10
Lab Sample ID: 310-317647-19
Date Collected: 10/08/25 16:35
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/14/25 13:50*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/14/25 13:50*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.61		10.2	5.61	ug/L		10/13/25 11:06	10/14/25 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*88*		*21 - 110*	*10/13/25 11:06*	*10/14/25 16:17*	*1*
Phenol-d5 (Surr)	*71*		*21 - 110*	*10/13/25 11:06*	*10/14/25 16:17*	*1*
Nitrobenzene-d5 (Surr)	*114*		*39 - 140*	*10/13/25 11:06*	*10/14/25 16:17*	*1*
2-Fluorobiphenyl (Surr)	*115*		*33 - 126*	*10/13/25 11:06*	*10/14/25 16:17*	*1*
2,4,6-Tribromophenol (Surr)	*128*		*20 - 144*	*10/13/25 11:06*	*10/14/25 16:17*	*1*
Terphenyl-d14 (Surr)	*116*		*13 - 150*	*10/13/25 11:06*	*10/14/25 16:17*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00156**	**J**	0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:53	1
Arsenic	**0.0917**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:53	1
Barium	**0.618**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:53	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:53	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:53	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:53	1
Cobalt	**0.00595**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:53	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:53	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:53	1
Nickel	**0.00695**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:53	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:53	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:53	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:53	1
Vanadium	**0.00253**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:53	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**22.0**		15.0	10.5	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-103A-12_25_10
Date Collected: 10/08/25 17:15
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-20
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 14:13	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 14:13	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 14:13	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 14:13	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 14:13	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 14:13	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 14:13	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 14:13	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 14:13	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 14:13	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 14:13	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 14:13	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 14:13	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 14:13	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 14:13	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 14:13	1
Acetone	**3.64**	**J**	10.0	3.10	ug/L			10/14/25 14:13	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 14:13	1
Benzene	**0.388**	**J**	0.500	0.220	ug/L			10/14/25 14:13	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 14:13	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 14:13	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 14:13	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 14:13	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 14:13	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 14:13	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 14:13	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 14:13	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 14:13	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 14:13	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 14:13	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 14:13	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 14:13	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 14:13	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 14:13	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 14:13	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 14:13	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 14:13	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 14:13	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 14:13	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 14:13	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 14:13	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 14:13	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 14:13	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 14:13	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 14:13	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 14:13	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*10/14/25 14:13*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-103A-12_25_10
Date Collected: 10/08/25 17:15
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-20
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/14/25 14:13*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*10/14/25 14:13*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.146		1.04	0.146	ug/L		10/14/25 10:11	10/14/25 23:32	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:55	1
Arsenic	**0.00549**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:55	1
Barium	**0.757**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:55	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:55	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:55	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:55	1
Cobalt	**0.00362**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:55	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:55	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:55	1
Nickel	**0.0337**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:55	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:55	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:55	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:55	1
Vanadium	**0.00388**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:55	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**25.0**		15.0	10.5	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-104A-12_25_10
Date Collected: 10/08/25 12:15
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-21
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 14:35	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 14:35	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 14:35	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 14:35	1
1,1-Dichloroethane	**0.601**	**J**	1.00	0.220	ug/L			10/14/25 14:35	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 14:35	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 14:35	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 14:35	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 14:35	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 14:35	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 14:35	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 14:35	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 14:35	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 14:35	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 14:35	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 14:35	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 14:35	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 14:35	1
Benzene	**0.444**	**J**	0.500	0.220	ug/L			10/14/25 14:35	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 14:35	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 14:35	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 14:35	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 14:35	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 14:35	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 14:35	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 14:35	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 14:35	1
Chloroethane	**1.00**	**J**	4.00	0.790	ug/L			10/14/25 14:35	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 14:35	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 14:35	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 14:35	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 14:35	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 14:35	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 14:35	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 14:35	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 14:35	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 14:35	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 14:35	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 14:35	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 14:35	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 14:35	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 14:35	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 14:35	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 14:35	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 14:35	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 14:35	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*10/14/25 14:35*	*1*

Client Sample ID: MW-104A-12_25_10
Lab Sample ID: 310-317647-21
Date Collected: 10/08/25 12:15
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/14/25 14:35*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/14/25 14:35*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:58	1
Arsenic	**0.0616**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:58	1
Barium	**0.578**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:58	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:58	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:58	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:58	1
Cobalt	**0.000308**	**J**	0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:58	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:58	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:58	1
Nickel	**0.00262**	**J**	0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:58	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:58	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:58	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:58	1
Vanadium	**0.00259**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:58	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/14/25 13:38	10/14/25 14:36	1
Total Suspended Solids (USGS I-3765-85)	**74.0**		30.0	21.0	mg/L			10/10/25 05:52	1

Client Sample ID: MW-105A-12_25_10
Date Collected: 10/08/25 11:00
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-22
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 14:58	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 14:58	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 14:58	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 14:58	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 14:58	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 14:58	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 14:58	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 14:58	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 14:58	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 14:58	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 14:58	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 14:58	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 14:58	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 14:58	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 14:58	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 14:58	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 14:58	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 14:58	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 14:58	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 14:58	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 14:58	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 14:58	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 14:58	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 14:58	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 14:58	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 14:58	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 14:58	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 14:58	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 14:58	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 14:58	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 14:58	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 14:58	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 14:58	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 14:58	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 14:58	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 14:58	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 14:58	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 14:58	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 14:58	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 14:58	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 14:58	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 14:58	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 14:58	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 14:58	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 14:58	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 14:58	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*76 - 130*		*10/14/25 14:58*	*1*

Client Sample ID: MW-105A-12_25_10
Lab Sample ID: 310-317647-22
Date Collected: 10/08/25 11:00
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/14/25 14:58*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*10/14/25 14:58*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 16:00	1
Arsenic	**0.0125**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 16:00	1
Barium	**0.296**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 16:00	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 16:00	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 16:00	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 16:00	1
Cobalt	**0.00503**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 16:00	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 16:00	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 16:00	1
Nickel	**0.00611**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 16:00	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 16:00	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 16:00	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 16:00	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 16:00	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 16:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**16.5**		7.50	5.25	mg/L			10/10/25 05:52	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-106A-12_25_10
Lab Sample ID: 310-317647-23
Date Collected: 10/07/25 17:20
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 15:21	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 15:21	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 15:21	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 15:21	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 15:21	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 15:21	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 15:21	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 15:21	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 15:21	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 15:21	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 15:21	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 15:21	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 15:21	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 15:21	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 15:21	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 15:21	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 15:21	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 15:21	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 15:21	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 15:21	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 15:21	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 15:21	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 15:21	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 15:21	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 15:21	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 15:21	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 15:21	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 15:21	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 15:21	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 15:21	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 15:21	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 15:21	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 15:21	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 15:21	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 15:21	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 15:21	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 15:21	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 15:21	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 15:21	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 15:21	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 15:21	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 15:21	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 15:21	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 15:21	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 15:21	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 15:21	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 15:21	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/14/25 15:21	1

Client Sample ID: MW-106A-12_25_10
Date Collected: 10/07/25 17:20
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-23
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*10/14/25 15:21*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/14/25 15:21*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*10/14/25 15:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.50		10.0	5.50	ug/L		10/13/25 11:06	10/14/25 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*72*		*21 - 110*	*10/13/25 11:06*	*10/14/25 16:44*	*1*
Phenol-d5 (Surr)	*52*		*21 - 110*	*10/13/25 11:06*	*10/14/25 16:44*	*1*
Nitrobenzene-d5 (Surr)	*117*		*39 - 140*	*10/13/25 11:06*	*10/14/25 16:44*	*1*
2-Fluorobiphenyl (Surr)	*110*		*33 - 126*	*10/13/25 11:06*	*10/14/25 16:44*	*1*
2,4,6-Tribromophenol (Surr)	*119*		*20 - 144*	*10/13/25 11:06*	*10/14/25 16:44*	*1*
Terphenyl-d14 (Surr)	*125*		*13 - 150*	*10/13/25 11:06*	*10/14/25 16:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0296		0.0923	0.0296	ug/L		10/14/25 13:18	10/22/25 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*10 - 150*	*10/14/25 13:18*	*10/22/25 16:05*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 150*	*10/14/25 13:18*	*10/22/25 16:05*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.136		0.971	0.136	ug/L		10/14/25 10:11	10/14/25 23:49	1
Silvex (2,4,5-TP)	<0.102		0.971	0.102	ug/L		10/14/25 10:11	10/14/25 23:49	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 16:03	1
Arsenic	**0.321**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 16:03	1
Barium	**0.187**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 16:03	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 16:03	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 16:03	1
Chromium	**0.00228**	**J**	0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 16:03	1
Cobalt	**0.00230**		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 16:03	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 16:03	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 16:03	1
Nickel	**0.00662**		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 16:03	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 16:03	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 16:03	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 16:03	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 16:03	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 16:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:22	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-106A-12_25_10
Lab Sample ID: 310-317647-23
Date Collected: 10/07/25 17:20
Matrix: Water
Date Received: 10/09/25 11:24

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/12/25 18:26	10/13/25 02:54	1
Total Suspended Solids (USGS I-3765-85)	**38.0**		15.0	10.5	mg/L			10/10/25 04:45	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-107A_25_10
Date Collected: 10/08/25 13:20
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-24
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 15:43	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 15:43	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 15:43	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 15:43	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 15:43	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 15:43	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 15:43	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 15:43	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 15:43	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 15:43	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 15:43	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 15:43	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 15:43	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 15:43	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 15:43	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 15:43	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 15:43	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 15:43	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 15:43	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 15:43	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 15:43	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 15:43	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 15:43	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 15:43	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 15:43	1
Chlorobenzene	**0.523**	**J**	1.00	0.400	ug/L			10/14/25 15:43	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 15:43	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 15:43	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 15:43	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 15:43	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 15:43	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 15:43	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 15:43	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 15:43	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 15:43	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 15:43	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 15:43	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 15:43	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 15:43	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 15:43	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 15:43	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 15:43	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 15:43	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 15:43	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 15:43	1
Vinyl chloride	**0.351**	**J**	1.00	0.180	ug/L			10/14/25 15:43	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*76 - 130*		*10/14/25 15:43*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-107A_25_10
Lab Sample ID: 310-317647-24
Date Collected: 10/08/25 13:20
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/14/25 15:43*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/14/25 15:43*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.168**		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 16:05	1
Barium	**0.563**		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**45.5**		7.50	5.25	mg/L			10/13/25 15:41	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: MW-108A_25_10
Date Collected: 10/08/25 14:10
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-25
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 16:06	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 16:06	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 16:06	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 16:06	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 16:06	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 16:06	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 16:06	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 16:06	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 16:06	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 16:06	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 16:06	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 16:06	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 16:06	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 16:06	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 16:06	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 16:06	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 16:06	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 16:06	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 16:06	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 16:06	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 16:06	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 16:06	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 16:06	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 16:06	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 16:06	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 16:06	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 16:06	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 16:06	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 16:06	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 16:06	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 16:06	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 16:06	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 16:06	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 16:06	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 16:06	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 16:06	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 16:06	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 16:06	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 16:06	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 16:06	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 16:06	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 16:06	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 16:06	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 16:06	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 16:06	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 16:06	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*10/14/25 16:06*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: MW-108A_25_10
Lab Sample ID: 310-317647-25
Date Collected: 10/08/25 14:10
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/14/25 16:06*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/14/25 16:06*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000530		0.00200	0.000530	mg/L		10/16/25 08:30	10/22/25 16:47	1
Barium	**0.246**		0.00200	0.000660	mg/L		10/16/25 08:30	10/22/25 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.63**	**J**	1.88	1.31	mg/L			10/10/25 05:52	1

Client Sample ID: FD-1_25_10
Date Collected: 10/08/25 00:00
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-26
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/15/25 00:22	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/15/25 00:22	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/15/25 00:22	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/15/25 00:22	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/15/25 00:22	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/15/25 00:22	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/15/25 00:22	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/15/25 00:22	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/15/25 00:22	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/15/25 00:22	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/15/25 00:22	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 00:22	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/15/25 00:22	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/15/25 00:22	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/15/25 00:22	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/15/25 00:22	1
Acetone	<3.10		10.0	3.10	ug/L			10/15/25 00:22	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/15/25 00:22	1
Benzene	<0.220		0.500	0.220	ug/L			10/15/25 00:22	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/15/25 00:22	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/15/25 00:22	1
Bromoform	<0.780		5.00	0.780	ug/L			10/15/25 00:22	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/15/25 00:22	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/15/25 00:22	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/15/25 00:22	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/15/25 00:22	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/15/25 00:22	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/15/25 00:22	1
Chloroform	<1.30		3.00	1.30	ug/L			10/15/25 00:22	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/15/25 00:22	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/15/25 00:22	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/15/25 00:22	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/15/25 00:22	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/15/25 00:22	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/15/25 00:22	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/15/25 00:22	1
Styrene	<0.370		1.00	0.370	ug/L			10/15/25 00:22	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/15/25 00:22	1
Toluene	<0.430		1.00	0.430	ug/L			10/15/25 00:22	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/15/25 00:22	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/15/25 00:22	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/15/25 00:22	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/15/25 00:22	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/15/25 00:22	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/15/25 00:22	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/15/25 00:22	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/15/25 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*10/15/25 00:22*	*1*

Client Sample ID: FD-1_25_10
Lab Sample ID: 310-317647-26
Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*10/15/25 00:22*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/15/25 00:22*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00142**	**J**	0.00200	0.00100	mg/L		10/16/25 08:30	10/22/25 17:04	1
Arsenic	**0.0241**		0.00200	0.000530	mg/L		10/16/25 08:30	10/22/25 17:04	1
Barium	**0.112**		0.00200	0.000660	mg/L		10/16/25 08:30	10/22/25 17:04	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/22/25 17:04	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/22/25 17:04	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/22/25 17:04	1
Cobalt	**0.00273**		0.000500	0.000170	mg/L		10/16/25 08:30	10/22/25 17:04	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/22/25 17:04	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/22/25 17:04	1
Nickel	**0.0120**		0.00500	0.00230	mg/L		10/16/25 08:30	10/22/25 17:04	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/22/25 17:04	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/22/25 17:04	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/22/25 17:04	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/22/25 17:04	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/22/25 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**14.7**		5.00	3.50	mg/L			10/13/25 15:41	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: FD-2_25_10
Date Collected: 10/08/25 00:00
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-27
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/15/25 00:45	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/15/25 00:45	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/15/25 00:45	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/15/25 00:45	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/15/25 00:45	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/15/25 00:45	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/15/25 00:45	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/15/25 00:45	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/15/25 00:45	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/15/25 00:45	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/15/25 00:45	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 00:45	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/15/25 00:45	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/15/25 00:45	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/15/25 00:45	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/15/25 00:45	1
Acetone	<3.10		10.0	3.10	ug/L			10/15/25 00:45	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/15/25 00:45	1
Benzene	<0.220		0.500	0.220	ug/L			10/15/25 00:45	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/15/25 00:45	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/15/25 00:45	1
Bromoform	<0.780		5.00	0.780	ug/L			10/15/25 00:45	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/15/25 00:45	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/15/25 00:45	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/15/25 00:45	1
Chlorobenzene	**0.536**	**J**	1.00	0.400	ug/L			10/15/25 00:45	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/15/25 00:45	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/15/25 00:45	1
Chloroform	<1.30		3.00	1.30	ug/L			10/15/25 00:45	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/15/25 00:45	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/15/25 00:45	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/15/25 00:45	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/15/25 00:45	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/15/25 00:45	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/15/25 00:45	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/15/25 00:45	1
Styrene	<0.370		1.00	0.370	ug/L			10/15/25 00:45	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/15/25 00:45	1
Toluene	<0.430		1.00	0.430	ug/L			10/15/25 00:45	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/15/25 00:45	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/15/25 00:45	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/15/25 00:45	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/15/25 00:45	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/15/25 00:45	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/15/25 00:45	1
Vinyl chloride	**0.305**	**J**	1.00	0.180	ug/L			10/15/25 00:45	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/15/25 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*76 - 130*		*10/15/25 00:45*	*1*

Client Sample ID: FD-2_25_10
Lab Sample ID: 310-317647-27
Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/15/25 00:45*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/15/25 00:45*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/22/25 17:07	1
Arsenic	**0.169**		0.00200	0.000530	mg/L		10/16/25 08:30	10/22/25 17:07	1
Barium	**0.553**		0.00200	0.000660	mg/L		10/16/25 08:30	10/22/25 17:07	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/22/25 17:07	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/22/25 17:07	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/22/25 17:07	1
Cobalt	**0.00589**		0.000500	0.000170	mg/L		10/16/25 08:30	10/22/25 17:07	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/22/25 17:07	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/22/25 17:07	1
Nickel	**0.00584**		0.00500	0.00230	mg/L		10/16/25 08:30	10/22/25 17:07	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/22/25 17:07	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/22/25 17:07	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/22/25 17:07	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/22/25 17:07	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/22/25 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**30.3**		5.00	3.50	mg/L			10/13/25 15:41	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: FD-3_25_10
Date Collected: 10/08/25 00:00
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-28
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/15/25 01:07	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/15/25 01:07	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/15/25 01:07	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/15/25 01:07	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/15/25 01:07	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/15/25 01:07	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/15/25 01:07	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/15/25 01:07	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/15/25 01:07	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/15/25 01:07	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/15/25 01:07	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 01:07	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/15/25 01:07	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/15/25 01:07	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/15/25 01:07	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/15/25 01:07	1
Acetone	<3.10		10.0	3.10	ug/L			10/15/25 01:07	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/15/25 01:07	1
Benzene	<0.220		0.500	0.220	ug/L			10/15/25 01:07	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/15/25 01:07	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/15/25 01:07	1
Bromoform	<0.780		5.00	0.780	ug/L			10/15/25 01:07	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/15/25 01:07	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/15/25 01:07	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/15/25 01:07	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/15/25 01:07	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/15/25 01:07	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/15/25 01:07	1
Chloroform	<1.30		3.00	1.30	ug/L			10/15/25 01:07	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/15/25 01:07	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/15/25 01:07	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/15/25 01:07	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/15/25 01:07	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/15/25 01:07	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/15/25 01:07	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/15/25 01:07	1
Styrene	<0.370		1.00	0.370	ug/L			10/15/25 01:07	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/15/25 01:07	1
Toluene	<0.430		1.00	0.430	ug/L			10/15/25 01:07	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/15/25 01:07	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/15/25 01:07	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/15/25 01:07	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/15/25 01:07	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/15/25 01:07	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/15/25 01:07	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/15/25 01:07	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/15/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*10/15/25 01:07*	*1*

Client Sample ID: FD-3_25_10
Lab Sample ID: 310-317647-28
Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/15/25 01:07*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/15/25 01:07*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/22/25 17:10	1
Arsenic	**0.000893**	**J**	0.00200	0.000530	mg/L		10/16/25 08:30	10/22/25 17:10	1
Barium	**0.283**		0.00200	0.000660	mg/L		10/16/25 08:30	10/22/25 17:10	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/22/25 17:10	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/22/25 17:10	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/22/25 17:10	1
Cobalt	**0.000915**		0.000500	0.000170	mg/L		10/16/25 08:30	10/22/25 17:10	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/22/25 17:10	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/22/25 17:10	1
Nickel	**0.0106**		0.00500	0.00230	mg/L		10/16/25 08:30	10/22/25 17:10	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/22/25 17:10	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/22/25 17:10	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/22/25 17:10	1
Vanadium	**0.00208**	**J**	0.00500	0.00170	mg/L		10/16/25 08:30	10/22/25 17:10	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/22/25 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.88**		1.88	1.31	mg/L			10/13/25 15:41	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: FB-1_25_10
Date Collected: 10/08/25 11:05
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-29
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/11/25 04:04	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/11/25 04:04	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/11/25 04:04	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/11/25 04:04	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/11/25 04:04	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/11/25 04:04	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/11/25 04:04	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/11/25 04:04	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/11/25 04:04	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/11/25 04:04	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/11/25 04:04	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/11/25 04:04	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/11/25 04:04	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/11/25 04:04	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/11/25 04:04	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/11/25 04:04	1
Acetone	<3.10		10.0	3.10	ug/L			10/11/25 04:04	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/11/25 04:04	1
Benzene	<0.220		0.500	0.220	ug/L			10/11/25 04:04	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/11/25 04:04	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/11/25 04:04	1
Bromoform	<0.780		5.00	0.780	ug/L			10/11/25 04:04	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/11/25 04:04	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/11/25 04:04	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/11/25 04:04	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/11/25 04:04	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/11/25 04:04	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/11/25 04:04	1
Chloroform	<1.30		3.00	1.30	ug/L			10/11/25 04:04	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/11/25 04:04	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/11/25 04:04	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/11/25 04:04	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/11/25 04:04	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/11/25 04:04	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/11/25 04:04	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/11/25 04:04	1
Styrene	<0.370		1.00	0.370	ug/L			10/11/25 04:04	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/11/25 04:04	1
Toluene	**0.665**	**J**	1.00	0.430	ug/L			10/11/25 04:04	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/11/25 04:04	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/11/25 04:04	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/11/25 04:04	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/11/25 04:04	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/11/25 04:04	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/11/25 04:04	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/11/25 04:04	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/11/25 04:04	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/11/25 04:04	1

Client Sample ID: FB-1_25_10
Date Collected: 10/08/25 11:05
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-29
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*121*		*76 - 130*		*10/11/25 04:04*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/11/25 04:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*10/11/25 04:04*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.85		10.6	5.85	ug/L		10/13/25 11:06	10/14/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*91*		*21 - 110*	*10/13/25 11:06*	*10/14/25 17:10*	*1*
Phenol-d5 (Surr)	*74*		*21 - 110*	*10/13/25 11:06*	*10/14/25 17:10*	*1*
Nitrobenzene-d5 (Surr)	*115*		*39 - 140*	*10/13/25 11:06*	*10/14/25 17:10*	*1*
2-Fluorobiphenyl (Surr)	*113*		*33 - 126*	*10/13/25 11:06*	*10/14/25 17:10*	*1*
2,4,6-Tribromophenol (Surr)	*124*		*20 - 144*	*10/13/25 11:06*	*10/14/25 17:10*	*1*
Terphenyl-d14 (Surr)	*126*		*13 - 150*	*10/13/25 11:06*	*10/14/25 17:10*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0298		0.0931	0.0298	ug/L		10/14/25 13:18	10/22/25 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*59*		*10 - 150*	*10/14/25 13:18*	*10/22/25 16:20*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 150*	*10/14/25 13:18*	*10/22/25 16:20*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.148		1.06	0.148	ug/L		10/15/25 07:31	10/15/25 18:57	1
Silvex (2,4,5-TP)	<0.111		1.06	0.111	ug/L		10/15/25 07:31	10/15/25 18:57	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/22/25 17:13	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		10/16/25 08:30	10/22/25 17:13	1
Barium	<0.000660		0.00200	0.000660	mg/L		10/16/25 08:30	10/22/25 17:13	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/22/25 17:13	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/22/25 17:13	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/22/25 17:13	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		10/16/25 08:30	10/22/25 17:13	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/22/25 17:13	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/22/25 17:13	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/22/25 17:13	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/22/25 17:13	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/22/25 17:13	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/22/25 17:13	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/22/25 17:13	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/22/25 17:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:24	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: FB-1_25_10
Lab Sample ID: 310-317647-29
Date Collected: 10/08/25 11:05
Matrix: Water
Date Received: 10/09/25 11:24

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/14/25 13:38	10/14/25 14:44	1
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			10/13/25 15:41	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: FB-2_25_10
Date Collected: 10/09/25 09:20
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-30
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/11/25 04:26	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/11/25 04:26	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/11/25 04:26	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/11/25 04:26	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/11/25 04:26	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/11/25 04:26	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/11/25 04:26	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/11/25 04:26	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/11/25 04:26	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/11/25 04:26	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/11/25 04:26	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/11/25 04:26	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/11/25 04:26	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/11/25 04:26	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/11/25 04:26	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/11/25 04:26	1
Acetone	<3.10		10.0	3.10	ug/L			10/11/25 04:26	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/11/25 04:26	1
Benzene	<0.220		0.500	0.220	ug/L			10/11/25 04:26	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/11/25 04:26	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/11/25 04:26	1
Bromoform	<0.780		5.00	0.780	ug/L			10/11/25 04:26	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/11/25 04:26	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/11/25 04:26	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/11/25 04:26	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/11/25 04:26	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/11/25 04:26	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/11/25 04:26	1
Chloroform	<1.30		3.00	1.30	ug/L			10/11/25 04:26	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/11/25 04:26	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/11/25 04:26	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/11/25 04:26	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/11/25 04:26	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/11/25 04:26	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/11/25 04:26	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/11/25 04:26	1
Styrene	<0.370		1.00	0.370	ug/L			10/11/25 04:26	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/11/25 04:26	1
Toluene	<0.430		1.00	0.430	ug/L			10/11/25 04:26	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/11/25 04:26	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/11/25 04:26	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/11/25 04:26	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/11/25 04:26	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/11/25 04:26	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/11/25 04:26	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/11/25 04:26	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/11/25 04:26	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/11/25 04:26	1

Client Sample ID: FB-2_25_10
Date Collected: 10/09/25 09:20
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-30
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*76 - 130*		*10/11/25 04:26*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/11/25 04:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/11/25 04:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.50		10.0	5.50	ug/L		10/13/25 11:06	10/14/25 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*83*		*21 - 110*	*10/13/25 11:06*	*10/14/25 17:37*	*1*
Phenol-d5 (Surr)	*67*		*21 - 110*	*10/13/25 11:06*	*10/14/25 17:37*	*1*
Nitrobenzene-d5 (Surr)	*110*		*39 - 140*	*10/13/25 11:06*	*10/14/25 17:37*	*1*
2-Fluorobiphenyl (Surr)	*114*		*33 - 126*	*10/13/25 11:06*	*10/14/25 17:37*	*1*
2,4,6-Tribromophenol (Surr)	*118*		*20 - 144*	*10/13/25 11:06*	*10/14/25 17:37*	*1*
Terphenyl-d14 (Surr)	*119*		*13 - 150*	*10/13/25 11:06*	*10/14/25 17:37*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0314		0.0980	0.0314	ug/L		10/14/25 13:18	10/22/25 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*60*		*10 - 150*	*10/14/25 13:18*	*10/22/25 16:34*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 150*	*10/14/25 13:18*	*10/22/25 16:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.131		0.938	0.131	ug/L		10/15/25 07:31	10/15/25 19:15	1
Silvex (2,4,5-TP)	<0.0985		0.938	0.0985	ug/L		10/15/25 07:31	10/15/25 19:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/22/25 17:16	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		10/16/25 08:30	10/22/25 17:16	1
Barium	<0.000660		0.00200	0.000660	mg/L		10/16/25 08:30	10/22/25 17:16	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/22/25 17:16	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/22/25 17:16	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/22/25 17:16	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		10/16/25 08:30	10/22/25 17:16	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/22/25 17:16	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/22/25 17:16	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/22/25 17:16	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/22/25 17:16	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/22/25 17:16	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/22/25 17:16	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/22/25 17:16	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/22/25 17:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 14:26	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: FB-2_25_10
Lab Sample ID: 310-317647-30
Date Collected: 10/09/25 09:20
Matrix: Water
Date Received: 10/09/25 11:24

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<0.231		1.00	0.231	mg/L		10/14/25 13:38	10/14/25 14:52	1
Total Suspended Solids (USGS I-3765-85)	<3.50		5.00	3.50	mg/L			10/14/25 11:18	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: TB-1_25_10
Date Collected: 10/09/25 00:00
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-31
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/15/25 12:36	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/15/25 12:36	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/15/25 12:36	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/15/25 12:36	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/15/25 12:36	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/15/25 12:36	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/15/25 12:36	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/15/25 12:36	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/15/25 12:36	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/15/25 12:36	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/15/25 12:36	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 12:36	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/15/25 12:36	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/15/25 12:36	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/15/25 12:36	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/15/25 12:36	1
Acetone	<3.10		10.0	3.10	ug/L			10/15/25 12:36	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/15/25 12:36	1
Benzene	<0.220		0.500	0.220	ug/L			10/15/25 12:36	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/15/25 12:36	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/15/25 12:36	1
Bromoform	<0.780		5.00	0.780	ug/L			10/15/25 12:36	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/15/25 12:36	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/15/25 12:36	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/15/25 12:36	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/15/25 12:36	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/15/25 12:36	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/15/25 12:36	1
Chloroform	<1.30		3.00	1.30	ug/L			10/15/25 12:36	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/15/25 12:36	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/15/25 12:36	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/15/25 12:36	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/15/25 12:36	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/15/25 12:36	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/15/25 12:36	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/15/25 12:36	1
Styrene	<0.370		1.00	0.370	ug/L			10/15/25 12:36	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/15/25 12:36	1
Toluene	<0.430		1.00	0.430	ug/L			10/15/25 12:36	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/15/25 12:36	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/15/25 12:36	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/15/25 12:36	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/15/25 12:36	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/15/25 12:36	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/15/25 12:36	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/15/25 12:36	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/15/25 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*10/15/25 12:36*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: TB-1_25_10
Lab Sample ID: 310-317647-31
Date Collected: 10/09/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		10/15/25 12:36	1
4-Bromofluorobenzene (Surr)	98		80 - 120		10/15/25 12:36	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Client Sample ID: TB-2_25_10
Date Collected: 10/09/25 00:00
Date Received: 10/09/25 11:24

Lab Sample ID: 310-317647-32
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/11/25 05:12	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/11/25 05:12	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/11/25 05:12	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/11/25 05:12	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/11/25 05:12	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/11/25 05:12	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/11/25 05:12	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/11/25 05:12	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/11/25 05:12	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/11/25 05:12	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/11/25 05:12	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/11/25 05:12	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/11/25 05:12	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/11/25 05:12	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/11/25 05:12	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/11/25 05:12	1
Acetone	<3.10		10.0	3.10	ug/L			10/11/25 05:12	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/11/25 05:12	1
Benzene	<0.220		0.500	0.220	ug/L			10/11/25 05:12	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/11/25 05:12	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/11/25 05:12	1
Bromoform	<0.780		5.00	0.780	ug/L			10/11/25 05:12	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/11/25 05:12	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/11/25 05:12	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/11/25 05:12	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/11/25 05:12	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/11/25 05:12	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/11/25 05:12	1
Chloroform	<1.30		3.00	1.30	ug/L			10/11/25 05:12	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/11/25 05:12	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/11/25 05:12	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/11/25 05:12	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/11/25 05:12	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/11/25 05:12	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/11/25 05:12	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/11/25 05:12	1
Styrene	<0.370		1.00	0.370	ug/L			10/11/25 05:12	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/11/25 05:12	1
Toluene	<0.430		1.00	0.430	ug/L			10/11/25 05:12	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/11/25 05:12	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/11/25 05:12	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/11/25 05:12	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/11/25 05:12	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/11/25 05:12	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/11/25 05:12	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/11/25 05:12	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/11/25 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*76 - 130*		*10/11/25 05:12*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: TB-2_25_10
Lab Sample ID: 310-317647-32
Date Collected: 10/09/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		10/11/25 05:12	1
4-Bromofluorobenzene (Surr)	100		80 - 120		10/11/25 05:12	1

Definitions/Glossary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Groundwater

Job ID: 310-317647-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)
310-317647-1	GUA-1-2_25_10	117	93	107
310-317647-1	GUA-1-2_25_10	104	98	96
310-317647-1 MS	GUA-1-2_25_10	98	101	98
310-317647-1 MSD	GUA-1-2_25_10	104	98	101
310-317647-2	MW-1-89_25_10	117	94	103
310-317647-2	MW-1-89_25_10	106	97	96
310-317647-3	MW-2A-89_25_10	117	96	103
310-317647-3	MW-2A-89_25_10	106	97	99
310-317647-4	MW-3-89_25_10	112	96	101
310-317647-4	MW-3-89_25_10	103	99	98
310-317647-5	MW-4A-89_25_10	111	99	104
310-317647-5	MW-4A-89_25_10	106	97	97
310-317647-6	MW-4B-89_25_10	118	95	103
310-317647-6	MW-4B-89_25_10	105	96	97
310-317647-7	MW-5-89_25_10	118	96	103
310-317647-7	MW-5-89_25_10	106	99	96
310-317647-8	MW-6-89_25_10	118	100	102
310-317647-8	MW-6-89_25_10	109	98	99
310-317647-9	MW-8A-89_25_10	115	98	104
310-317647-9	MW-8A-89_25_10	109	98	96
310-317647-10	MW-9-92_25_10	119	96	104
310-317647-10	MW-9-92_25_10	105	97	95
310-317647-11	MW-11_25_10	117	99	98
310-317647-11	MW-11_25_10	108	97	100
310-317647-12	MW-15-10R_25_10	119	95	106
310-317647-12	MW-15-10R_25_10	109	97	98
310-317647-13	MW-16-03_25_10	121	95	101
310-317647-13	MW-16-03_25_10	110	97	96
310-317647-14	MW-20-03_25_10	120	95	101
310-317647-14 MS	MW-20-03_25_10	102	99	98
310-317647-14 MSD	MW-20-03_25_10	103	100	94
310-317647-15	MW-22A-03_25_10	109	98	102
310-317647-15 MS	MW-22A-03_25_10	99	100	98
310-317647-15 MSD	MW-22A-03_25_10	98	100	97
310-317647-16	MW-23-03_25_10	109	95	106
310-317647-17	MW-101A-12_25_10	115	94	100
310-317647-18	MW-101B_25_10	110	94	103
310-317647-19	MW-102A-12_25_10	109	95	102
310-317647-20	MW-103A-12_25_10	111	94	104
310-317647-21	MW-104A-12_25_10	110	96	100
310-317647-22	MW-105A-12_25_10	116	95	103
310-317647-23	MW-106A-12_25_10	111	96	101
310-317647-24	MW-107A_25_10	113	95	102
310-317647-25	MW-108A_25_10	111	93	102
310-317647-26	FD-1_25_10	110	92	100
310-317647-27	FD-2_25_10	116	95	102
310-317647-28	FD-3_25_10	111	94	102
310-317647-29	FB-1_25_10	121	97	101
310-317647-30	FB-2_25_10	116	93	97

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)
310-317647-31	TB-1_25_10	103	99	98
310-317647-32	TB-2_25_10	114	95	100
LCS 310-469633/7	Lab Control Sample	102	101	102
LCS 310-469633/8	Lab Control Sample	119	97	104
LCS 310-469635/8	Lab Control Sample	107	98	96
LCS 310-469635/9	Lab Control Sample	113	97	100
LCS 310-469972/6	Lab Control Sample	98	104	102
LCS 310-469972/7	Lab Control Sample	108	98	105
LCS 310-469975/7	Lab Control Sample	98	101	97
LCS 310-469975/8	Lab Control Sample	114	95	102
LCS 310-470158/6	Lab Control Sample	97	102	103
LCS 310-470158/7	Lab Control Sample	106	97	98
MB 310-469633/6	Method Blank	111	96	106
MB 310-469635/7	Method Blank	119	98	99
MB 310-469972/5	Method Blank	111	95	102
MB 310-469975/6	Method Blank	111	96	100
MB 310-470158/5	Method Blank	104	100	99

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		2FP	PHL	NBZ	FBP	TBP	TPHL
Lab Sample ID	Client Sample ID	(21-110)	(21-110)	(39-140)	(33-126)	(20-144)	(13-150)
310-317647-12	MW-15-10R_25_10	70	56	99	96	106	97
310-317647-13	MW-16-03_25_10	79	66	110	106	119	103
310-317647-14	MW-20-03_25_10	91	76	124	122	135	128
310-317647-15	MW-22A-03_25_10	68	51	115	111	109	113
310-317647-16	MW-23-03_25_10	80	66	108	106	112	111
310-317647-17	MW-101A-12_25_10	85	68	118	119	129	118
310-317647-19	MW-102A-12_25_10	88	71	114	115	128	116
310-317647-23	MW-106A-12_25_10	72	52	117	110	119	125
310-317647-29	FB-1_25_10	91	74	115	113	124	126
310-317647-30	FB-2_25_10	83	67	110	114	118	119
LCS 310-469845/2-A	Lab Control Sample	86	73	119	113	129	131
LCSD 310-469845/3-A	Lab Control Sample Dup	93	78	131	121	137	135
MB 310-469845/1-A	Method Blank	74	63	104	100	114	128

Surrogate Legend

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX1								
Lab Sample ID	Client Sample ID	(10-150)	(17-150)								
310-317647-6	MW-4B-89_25_10	81	70								
310-317647-12	MW-15-10R_25_10	62	66								
310-317647-13	MW-16-03_25_10	54	103								
310-317647-14	MW-20-03_25_10	51	88								
310-317647-15	MW-22A-03_25_10	71	97								
310-317647-16	MW-23-03_25_10	79	89								
310-317647-23	MW-106A-12_25_10	74	92								
310-317647-29	FB-1_25_10	59	85								
310-317647-30	FB-2_25_10	60	83								
LB 310-469361/1-E	Method Blank	72	88								
LCS 310-470046/2-A	Lab Control Sample	51	88								
MB 310-470046/1-A	Method Blank	59	102								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-469633/6
Matrix: Water
Analysis Batch: 469633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/10/25 14:32	1
Acetone	<3.10		10.0	3.10	ug/L			10/10/25 14:32	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/10/25 14:32	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/10/25 14:32	1
Benzene	<0.220		0.500	0.220	ug/L			10/10/25 14:32	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/10/25 14:32	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/10/25 14:32	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/10/25 14:32	1
Bromoform	<0.780		5.00	0.780	ug/L			10/10/25 14:32	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/10/25 14:32	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/10/25 14:32	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/10/25 14:32	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/10/25 14:32	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/10/25 14:32	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/10/25 14:32	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/10/25 14:32	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/10/25 14:32	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/10/25 14:32	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/10/25 14:32	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/10/25 14:32	1
Chloroform	<1.30		3.00	1.30	ug/L			10/10/25 14:32	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/10/25 14:32	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/10/25 14:32	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/10/25 14:32	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/10/25 14:32	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/10/25 14:32	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/10/25 14:32	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/10/25 14:32	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/10/25 14:32	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/10/25 14:32	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/10/25 14:32	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/10/25 14:32	1
Styrene	<0.370		1.00	0.370	ug/L			10/10/25 14:32	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/10/25 14:32	1
Toluene	<0.430		1.00	0.430	ug/L			10/10/25 14:32	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/10/25 14:32	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/10/25 14:32	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/10/25 14:32	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/10/25 14:32	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/10/25 14:32	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/10/25 14:32	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/10/25 14:32	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/10/25 14:32	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/10/25 14:32	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/10/25 14:32	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/10/25 14:32	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/10/25 14:32	1

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

Lab Sample ID: MB 310-469633/6
Matrix: Water
Analysis Batch: 469633

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*10/10/25 14:32*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/10/25 14:32*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*10/10/25 14:32*	*1*

Lab Sample ID: LCS 310-469633/7
Matrix: Water
Analysis Batch: 469633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	32.74		ug/L		82	60 - 134
Acetone	40.0	39.14		ug/L		98	59 - 136
Acrylonitrile	200	167.7		ug/L		84	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	17.40		ug/L		87	62 - 132
Benzene	20.0	15.81		ug/L		79	71 - 125
1,2-Dibromoethane (EDB)	20.0	18.17		ug/L		91	74 - 122
Bromochloromethane	20.0	17.10		ug/L		85	69 - 131
Bromodichloromethane	20.0	17.03		ug/L		85	70 - 122
Bromoform	20.0	17.30		ug/L		87	62 - 122
1,2-Dichlorobenzene	20.0	17.60		ug/L		88	74 - 120
1,4-Dichlorobenzene	20.0	16.86		ug/L		84	72 - 120
Carbon disulfide	20.0	17.53		ug/L		88	58 - 137
1,1-Dichloroethane	20.0	18.79		ug/L		94	69 - 127
Carbon tetrachloride	20.0	18.74		ug/L		94	63 - 136
1,2-Dichloroethane	20.0	19.26		ug/L		96	68 - 125
Chlorobenzene	20.0	17.07		ug/L		85	74 - 120
1,1-Dichloroethene	20.0	16.81		ug/L		84	64 - 134
Chlorodibromomethane	20.0	15.92		ug/L		80	69 - 121
Chloroform	20.0	18.43		ug/L		92	72 - 122
2-Hexanone	40.0	32.55		ug/L		81	62 - 139
cis-1,2-Dichloroethene	20.0	17.03		ug/L		85	72 - 123
cis-1,3-Dichloropropene	20.0	15.55		ug/L		78	72 - 123
4-Methyl-2-pentanone (MIBK)	40.0	34.93		ug/L		87	62 - 136
Dibromomethane	20.0	18.26		ug/L		91	72 - 122
Ethylbenzene	20.0	18.31		ug/L		92	75 - 120
Iodomethane	20.0	17.06		ug/L		85	18 - 150
1,1,1,2-Tetrachloroethane	20.0	17.77		ug/L		89	70 - 121
1,1,2,2-Tetrachloroethane	20.0	17.91		ug/L		90	70 - 122
Methylene Chloride	20.0	18.58		ug/L		93	72 - 128
Styrene	20.0	16.89		ug/L		84	74 - 122
Tetrachloroethene	20.0	17.21		ug/L		86	70 - 128
Toluene	20.0	16.95		ug/L		85	74 - 120
trans-1,2-Dichloroethene	20.0	17.35		ug/L		87	67 - 127
trans-1,3-Dichloropropene	20.0	17.33		ug/L		87	67 - 123
1,1,1-Trichloroethane	20.0	18.63		ug/L		93	69 - 130
trans-1,4-Dichloro-2-butene	20.0	17.68		ug/L		88	50 - 150
1,1,2-Trichloroethane	20.0	17.12		ug/L		86	75 - 121
Trichloroethene	20.0	16.35		ug/L		82	70 - 128
1,2,3-Trichloropropane	20.0	19.67		ug/L		98	70 - 122

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

Lab Sample ID: LCS 310-469633/7
Matrix: Water
Analysis Batch: 469633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl acetate	40.0	35.20		ug/L		88	50 - 150
Xylenes, Total	40.0	36.14		ug/L		90	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*76 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

Lab Sample ID: LCS 310-469633/8
Matrix: Water
Analysis Batch: 469633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	22.76		ug/L		114	33 - 138
Chloroethane	20.0	22.56		ug/L		113	59 - 139
Chloromethane	20.0	22.58		ug/L		113	52 - 146
Trichlorofluoromethane	20.0	24.17		ug/L		121	55 - 150
Vinyl chloride	20.0	22.12		ug/L		111	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*119*		*76 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*

Lab Sample ID: 310-317647-1 MS
Matrix: Water
Analysis Batch: 469633

Client Sample ID: GUA-1-2_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	<2.10		50.0	44.21		ug/L		88	46 - 134
Acetone	<3.10		50.0	55.19		ug/L		110	39 - 141
Acrylonitrile	<2.20		250	220.9		ug/L		88	41 - 150
1,2-Dibromo-3-Chloropropane	<1.20		25.0	22.87		ug/L		91	44 - 138
Benzene	<0.220		25.0	20.26		ug/L		81	48 - 125
1,2-Dibromoethane (EDB)	<0.340		25.0	23.37		ug/L		93	60 - 122
Bromochloromethane	<0.540		25.0	22.88		ug/L		92	55 - 131
Bromodichloromethane	<0.390		25.0	22.60		ug/L		90	53 - 122
Bromoform	<0.780		25.0	21.77		ug/L		87	47 - 122
1,2-Dichlorobenzene	<0.370		25.0	23.48		ug/L		94	60 - 120
1,4-Dichlorobenzene	<0.230		25.0	22.06		ug/L		88	58 - 120
Carbon disulfide	<0.450		25.0	24.68		ug/L		99	45 - 137
1,1-Dichloroethane	<0.220		25.0	24.86		ug/L		99	53 - 127
Carbon tetrachloride	<0.650		25.0	23.81		ug/L		95	45 - 136
1,2-Dichloroethane	<0.390		25.0	25.37		ug/L		101	48 - 128
Chlorobenzene	<0.400		25.0	20.88		ug/L		84	59 - 120
1,1-Dichloroethene	<0.560		25.0	21.51		ug/L		86	51 - 134
Chlorodibromomethane	<0.750		25.0	20.17		ug/L		81	53 - 121
Chloroform	<1.30		25.0	23.60		ug/L		94	52 - 122

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

Lab Sample ID: 310-317647-1 MS
Matrix: Water
Analysis Batch: 469633

Client Sample ID: GUA-1-2_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	<2.00		50.0	48.75		ug/L		98	46 - 141
cis-1,2-Dichloroethene	<0.210		25.0	21.75		ug/L		87	51 - 123
cis-1,3-Dichloropropene	<0.250		25.0	20.02		ug/L		80	55 - 123
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	44.88		ug/L		90	49 - 138
Dibromomethane	<0.330		25.0	23.00		ug/L		92	57 - 122
Ethylbenzene	<0.310		25.0	22.66		ug/L		91	53 - 120
Iodomethane	<7.00		25.0	17.59		ug/L		70	18 - 150
1,1,1,2-Tetrachloroethane	<0.380		25.0	21.39		ug/L		86	55 - 121
1,1,2,2-Tetrachloroethane	<0.470		25.0	22.51		ug/L		90	55 - 123
Methylene Chloride	<1.70		25.0	25.13		ug/L		101	59 - 128
Styrene	<0.370		25.0	21.08		ug/L		84	50 - 125
Tetrachloroethene	<0.480		25.0	20.89		ug/L		84	51 - 128
Toluene	<0.430		25.0	20.85		ug/L		83	52 - 120
trans-1,2-Dichloroethene	<0.270		25.0	21.50		ug/L		86	53 - 127
trans-1,3-Dichloropropene	<0.560		25.0	21.44		ug/L		86	50 - 123
1,1,1-Trichloroethane	<0.190		25.0	23.59		ug/L		94	53 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	22.58		ug/L		90	28 - 150
1,1,2-Trichloroethane	<0.450		25.0	20.73		ug/L		83	60 - 121
Trichloroethene	<0.430		25.0	19.71		ug/L		79	50 - 128
1,2,3-Trichloropropane	<0.590		25.0	23.91		ug/L		96	56 - 122
Vinyl acetate	<2.50		50.0	37.33		ug/L		75	31 - 150
Xylenes, Total	<0.400		50.0	44.33		ug/L		89	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*76 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: 310-317647-1 MSD
Matrix: Water
Analysis Batch: 469633

Client Sample ID: GUA-1-2_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	<2.10		50.0	43.08		ug/L		86	46 - 134	3	23
Acetone	<3.10		50.0	54.39		ug/L		109	39 - 141	1	23
Acrylonitrile	<2.20		250	222.8		ug/L		89	41 - 150	1	20
1,2-Dibromo-3-Chloropropane	<1.20		25.0	21.95		ug/L		88	44 - 138	4	24
Benzene	<0.220		25.0	19.45		ug/L		78	48 - 125	4	20
1,2-Dibromoethane (EDB)	<0.340		25.0	21.20		ug/L		85	60 - 122	10	20
Bromochloromethane	<0.540		25.0	22.71		ug/L		91	55 - 131	1	21
Bromodichloromethane	<0.390		25.0	21.52		ug/L		86	53 - 122	5	20
Bromoform	<0.780		25.0	21.18		ug/L		85	47 - 122	3	20
1,2-Dichlorobenzene	<0.370		25.0	22.18		ug/L		89	60 - 120	6	20
1,4-Dichlorobenzene	<0.230		25.0	21.11		ug/L		84	58 - 120	4	20
Carbon disulfide	<0.450		25.0	21.21		ug/L		85	45 - 137	15	24
1,1-Dichloroethane	<0.220		25.0	23.94		ug/L		96	53 - 127	4	20
Carbon tetrachloride	<0.650		25.0	23.41		ug/L		94	45 - 136	2	20
1,2-Dichloroethane	<0.390		25.0	25.06		ug/L		100	48 - 128	1	20

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

Lab Sample ID: 310-317647-1 MSD
Client Sample ID: GUA-1-2_25_10
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 469633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobenzene	<0.400		25.0	20.11		ug/L		80	59 - 120	4	20
1,1-Dichloroethene	<0.560		25.0	20.44		ug/L		82	51 - 134	5	20
Chlorodibromomethane	<0.750		25.0	18.69		ug/L		75	53 - 121	8	20
Chloroform	<1.30		25.0	23.03		ug/L		92	52 - 122	2	20
2-Hexanone	<2.00		50.0	43.61		ug/L		87	46 - 141	11	20
cis-1,2-Dichloroethene	<0.210		25.0	20.69		ug/L		83	51 - 123	5	20
cis-1,3-Dichloropropene	<0.250		25.0	18.41		ug/L		74	55 - 123	8	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	44.97		ug/L		90	49 - 138	0	20
Dibromomethane	<0.330		25.0	23.73		ug/L		95	57 - 122	3	20
Ethylbenzene	<0.310		25.0	21.45		ug/L		86	53 - 120	6	20
Iodomethane	<7.00		25.0	18.41		ug/L		74	18 - 150	5	32
1,1,1,2-Tetrachloroethane	<0.380		25.0	20.16		ug/L		81	55 - 121	6	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	22.36		ug/L		89	55 - 123	1	20
Methylene Chloride	<1.70		25.0	23.97		ug/L		96	59 - 128	5	20
Styrene	<0.370		25.0	20.11		ug/L		80	50 - 125	5	20
Tetrachloroethene	<0.480		25.0	20.55		ug/L		82	51 - 128	2	20
Toluene	<0.430		25.0	19.36		ug/L		77	52 - 120	7	20
trans-1,2-Dichloroethene	<0.270		25.0	20.59		ug/L		82	53 - 127	4	20
trans-1,3-Dichloropropene	<0.560		25.0	20.64		ug/L		83	50 - 123	4	20
1,1,1-Trichloroethane	<0.190		25.0	23.08		ug/L		92	53 - 130	2	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	21.34		ug/L		85	28 - 150	6	24
1,1,2-Trichloroethane	<0.450		25.0	20.80		ug/L		83	60 - 121	0	20
Trichloroethene	<0.430		25.0	19.08		ug/L		76	50 - 128	3	20
1,2,3-Trichloropropane	<0.590		25.0	24.79		ug/L		99	56 - 122	4	21
Vinyl acetate	<2.50		50.0	38.94		ug/L		78	31 - 150	4	25
Xylenes, Total	<0.400		50.0	42.13		ug/L		84	50 - 122	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*76 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 310-469635/7
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 469635

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/11/25 02:34	1
Acetone	<3.10		10.0	3.10	ug/L			10/11/25 02:34	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/11/25 02:34	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/11/25 02:34	1
Benzene	<0.220		0.500	0.220	ug/L			10/11/25 02:34	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/11/25 02:34	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/11/25 02:34	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/11/25 02:34	1
Bromoform	<0.780		5.00	0.780	ug/L			10/11/25 02:34	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/11/25 02:34	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/11/25 02:34	1

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

Lab Sample ID: MB 310-469635/7
Matrix: Water
Analysis Batch: 469635

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/11/25 02:34	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/11/25 02:34	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/11/25 02:34	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/11/25 02:34	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/11/25 02:34	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/11/25 02:34	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/11/25 02:34	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/11/25 02:34	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/11/25 02:34	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/11/25 02:34	1
Chloroform	<1.30		3.00	1.30	ug/L			10/11/25 02:34	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/11/25 02:34	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/11/25 02:34	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/11/25 02:34	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/11/25 02:34	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/11/25 02:34	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/11/25 02:34	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/11/25 02:34	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/11/25 02:34	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/11/25 02:34	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/11/25 02:34	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/11/25 02:34	1
Styrene	<0.370		1.00	0.370	ug/L			10/11/25 02:34	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/11/25 02:34	1
Toluene	<0.430		1.00	0.430	ug/L			10/11/25 02:34	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/11/25 02:34	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/11/25 02:34	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/11/25 02:34	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/11/25 02:34	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/11/25 02:34	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/11/25 02:34	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/11/25 02:34	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/11/25 02:34	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/11/25 02:34	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/11/25 02:34	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/11/25 02:34	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/11/25 02:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 130*		*10/11/25 02:34*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/11/25 02:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/11/25 02:34*	*1*

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

Lab Sample ID: LCS 310-469635/8
Matrix: Water
Analysis Batch: 469635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	33.09		ug/L		83	60 - 134
Acetone	40.0	46.04		ug/L		115	59 - 136
Acrylonitrile	200	184.9		ug/L		92	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	17.14		ug/L		86	62 - 132
Benzene	20.0	17.61		ug/L		88	71 - 125
1,2-Dibromoethane (EDB)	20.0	17.81		ug/L		89	74 - 122
Bromochloromethane	20.0	19.16		ug/L		96	69 - 131
Bromodichloromethane	20.0	17.88		ug/L		89	70 - 122
Bromoform	20.0	16.37		ug/L		82	62 - 122
1,2-Dichlorobenzene	20.0	18.21		ug/L		91	74 - 120
1,4-Dichlorobenzene	20.0	17.48		ug/L		87	72 - 120
Carbon disulfide	20.0	19.69		ug/L		98	58 - 137
1,1-Dichloroethane	20.0	21.13		ug/L		106	69 - 127
Carbon tetrachloride	20.0	20.16		ug/L		101	63 - 136
1,2-Dichloroethane	20.0	21.15		ug/L		106	68 - 125
Chlorobenzene	20.0	17.23		ug/L		86	74 - 120
1,1-Dichloroethene	20.0	19.34		ug/L		97	64 - 134
Chlorodibromomethane	20.0	15.55		ug/L		78	69 - 121
1,2-Dichloropropane	20.0	15.81		ug/L		79	72 - 128
Chloroform	20.0	19.90		ug/L		100	72 - 122
2-Hexanone	40.0	33.22		ug/L		83	62 - 139
cis-1,2-Dichloroethene	20.0	18.57		ug/L		93	72 - 123
cis-1,3-Dichloropropene	20.0	15.13		ug/L		76	72 - 123
4-Methyl-2-pentanone (MIBK)	40.0	35.11		ug/L		88	62 - 136
Dibromomethane	20.0	19.49		ug/L		97	72 - 122
Ethylbenzene	20.0	18.83		ug/L		94	75 - 120
Iodomethane	20.0	15.05		ug/L		75	18 - 150
1,1,1,2-Tetrachloroethane	20.0	16.71		ug/L		84	70 - 121
1,1,2,2-Tetrachloroethane	20.0	17.81		ug/L		89	70 - 122
Methylene Chloride	20.0	21.19		ug/L		106	72 - 128
Styrene	20.0	17.33		ug/L		87	74 - 122
Tetrachloroethene	20.0	18.09		ug/L		90	70 - 128
Toluene	20.0	17.24		ug/L		86	74 - 120
trans-1,2-Dichloroethene	20.0	18.68		ug/L		93	67 - 127
trans-1,3-Dichloropropene	20.0	16.81		ug/L		84	67 - 123
1,1,1-Trichloroethane	20.0	19.75		ug/L		99	69 - 130
trans-1,4-Dichloro-2-butene	20.0	17.61		ug/L		88	50 - 150
1,1,2-Trichloroethane	20.0	17.89		ug/L		89	75 - 121
Trichloroethene	20.0	16.81		ug/L		84	70 - 128
1,2,3-Trichloropropane	20.0	18.15		ug/L		91	70 - 122
Vinyl acetate	40.0	28.69		ug/L		72	50 - 150
Xylenes, Total	40.0	36.45		ug/L		91	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*107*		*76 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

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

Lab Sample ID: LCS 310-469635/9
Matrix: Water
Analysis Batch: 469635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromomethane			20.0	21.95		ug/L		110	33 - 138		
Chloroethane			20.0	22.27		ug/L		111	59 - 139		
Chloromethane			20.0	22.37		ug/L		112	52 - 146		
Trichlorofluoromethane			20.0	23.38		ug/L		117	55 - 150		
Vinyl chloride			20.0	21.62		ug/L		108	60 - 142		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*113*		*76 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: 310-317647-14 MS
Matrix: Water
Analysis Batch: 469635

Client Sample ID: MW-20-03_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Butanone (MEK)	<2.10		50.0	38.32		ug/L		77	46 - 134		
Acetone	<3.10		50.0	50.80		ug/L		102	39 - 141		
Acrylonitrile	<2.20		250	207.4		ug/L		83	41 - 150		
1,2-Dibromo-3-Chloropropane	<1.20		25.0	20.07		ug/L		80	44 - 138		
Benzene	<0.220		25.0	19.05		ug/L		76	48 - 125		
1,2-Dibromoethane (EDB)	<0.340		25.0	19.34		ug/L		77	60 - 122		
Bromochloromethane	<0.540		25.0	22.27		ug/L		89	55 - 131		
Bromodichloromethane	<0.390		25.0	20.45		ug/L		82	53 - 122		
Bromoform	<0.780		25.0	19.15		ug/L		77	47 - 122		
1,2-Dichlorobenzene	<0.370		25.0	21.30		ug/L		85	60 - 120		
1,4-Dichlorobenzene	<0.230		25.0	20.09		ug/L		80	58 - 120		
Carbon disulfide	<0.450		25.0	23.42		ug/L		94	45 - 137		
1,1-Dichloroethane	<0.220		25.0	23.06		ug/L		92	53 - 127		
Carbon tetrachloride	<0.650		25.0	22.28		ug/L		89	45 - 136		
1,2-Dichloroethane	<0.390		25.0	24.09		ug/L		96	48 - 128		
Chlorobenzene	<0.400		25.0	18.63		ug/L		75	59 - 120		
1,1-Dichloroethene	<0.560		25.0	20.18		ug/L		81	51 - 134		
Chlorodibromomethane	<0.750		25.0	17.36		ug/L		69	53 - 121		
1,2-Dichloropropane	<0.270		25.0	17.72		ug/L		71	59 - 128		
Chloroform	<1.30		25.0	21.94		ug/L		88	52 - 122		
2-Hexanone	<2.00		50.0	42.24		ug/L		84	46 - 141		
cis-1,2-Dichloroethene	<0.210		25.0	20.31		ug/L		81	51 - 123		
cis-1,3-Dichloropropene	<0.250		25.0	16.53		ug/L		66	55 - 123		
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	39.21		ug/L		78	49 - 138		
Dibromomethane	<0.330		25.0	21.82		ug/L		87	57 - 122		
Ethylbenzene	<0.310		25.0	19.68		ug/L		79	53 - 120		
Iodomethane	<7.00		25.0	15.15		ug/L		61	18 - 150		
1,1,1,2-Tetrachloroethane	<0.380		25.0	19.55		ug/L		78	55 - 121		
1,1,2,2-Tetrachloroethane	<0.470		25.0	20.29		ug/L		81	55 - 123		
Methylene Chloride	<1.70		25.0	22.39		ug/L		90	59 - 128		
Styrene	<0.370		25.0	18.22		ug/L		73	50 - 125		
Tetrachloroethene	<0.480		25.0	19.54		ug/L		78	51 - 128		

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

Lab Sample ID: 310-317647-14 MS
Matrix: Water
Analysis Batch: 469635

Client Sample ID: MW-20-03_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.430		25.0	18.62		ug/L		74	52 - 120
trans-1,2-Dichloroethene	<0.270		25.0	20.57		ug/L		82	53 - 127
trans-1,3-Dichloropropene	<0.560		25.0	18.82		ug/L		75	50 - 123
1,1,1-Trichloroethane	<0.190		25.0	22.56		ug/L		90	53 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	20.24		ug/L		81	28 - 150
1,1,2-Trichloroethane	<0.450		25.0	19.04		ug/L		76	60 - 121
Trichloroethene	<0.430		25.0	18.85		ug/L		75	50 - 128
1,2,3-Trichloropropane	<0.590		25.0	23.24		ug/L		93	56 - 122
Vinyl acetate	<2.50		50.0	36.07		ug/L		72	31 - 150
Xylenes, Total	<0.400		50.0	38.30		ug/L		77	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: 310-317647-14 MSD
Matrix: Water
Analysis Batch: 469635

Client Sample ID: MW-20-03_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	<2.10		50.0	38.42		ug/L		77	46 - 134	0	23
Acetone	<3.10		50.0	50.27		ug/L		101	39 - 141	1	23
Acrylonitrile	<2.20		250	213.9		ug/L		86	41 - 150	3	20
1,2-Dibromo-3-Chloropropane	<1.20		25.0	19.41		ug/L		78	44 - 138	3	24
Benzene	<0.220		25.0	19.61		ug/L		78	48 - 125	3	20
1,2-Dibromoethane (EDB)	<0.340		25.0	19.70		ug/L		79	60 - 122	2	20
Bromochloromethane	<0.540		25.0	21.55		ug/L		86	55 - 131	3	21
Bromodichloromethane	<0.390		25.0	21.48		ug/L		86	53 - 122	5	20
Bromoform	<0.780		25.0	20.24		ug/L		81	47 - 122	5	20
1,2-Dichlorobenzene	<0.370		25.0	21.58		ug/L		86	60 - 120	1	20
1,4-Dichlorobenzene	<0.230		25.0	20.61		ug/L		82	58 - 120	3	20
Carbon disulfide	<0.450		25.0	21.66		ug/L		87	45 - 137	8	24
1,1-Dichloroethane	<0.220		25.0	23.20		ug/L		93	53 - 127	1	20
Carbon tetrachloride	<0.650		25.0	23.18		ug/L		93	45 - 136	4	20
1,2-Dichloroethane	<0.390		25.0	24.22		ug/L		97	48 - 128	1	20
Chlorobenzene	<0.400		25.0	19.77		ug/L		79	59 - 120	6	20
1,1-Dichloroethene	<0.560		25.0	21.32		ug/L		85	51 - 134	6	20
Chlorodibromomethane	<0.750		25.0	19.00		ug/L		76	53 - 121	9	20
1,2-Dichloropropane	<0.270		25.0	18.54		ug/L		74	59 - 128	4	20
Chloroform	<1.30		25.0	22.18		ug/L		89	52 - 122	1	20
2-Hexanone	<2.00		50.0	39.50		ug/L		79	46 - 141	7	20
cis-1,2-Dichloroethene	<0.210		25.0	19.98		ug/L		80	51 - 123	2	20
cis-1,3-Dichloropropene	<0.250		25.0	16.61		ug/L		66	55 - 123	1	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	42.42		ug/L		85	49 - 138	8	20
Dibromomethane	<0.330		25.0	21.66		ug/L		87	57 - 122	1	20
Ethylbenzene	<0.310		25.0	21.16		ug/L		85	53 - 120	7	20
Iodomethane	<7.00		25.0	17.50		ug/L		70	18 - 150	14	32

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

Lab Sample ID: 310-317647-14 MSD
Matrix: Water
Analysis Batch: 469635

Client Sample ID: MW-20-03_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.380		25.0	19.80		ug/L		79	55 - 121	1	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	21.39		ug/L		86	55 - 123	5	20
Methylene Chloride	<1.70		25.0	23.96		ug/L		96	59 - 128	7	20
Styrene	<0.370		25.0	18.90		ug/L		76	50 - 125	4	20
Tetrachloroethene	<0.480		25.0	20.31		ug/L		81	51 - 128	4	20
Toluene	<0.430		25.0	19.77		ug/L		79	52 - 120	6	20
trans-1,2-Dichloroethene	<0.270		25.0	20.49		ug/L		82	53 - 127	0	20
trans-1,3-Dichloropropene	<0.560		25.0	18.45		ug/L		74	50 - 123	2	20
1,1,1-Trichloroethane	<0.190		25.0	22.20		ug/L		89	53 - 130	2	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	21.63		ug/L		87	28 - 150	7	24
1,1,2-Trichloroethane	<0.450		25.0	20.55		ug/L		82	60 - 121	8	20
Trichloroethene	<0.430		25.0	18.98		ug/L		76	50 - 128	1	20
1,2,3-Trichloropropane	<0.590		25.0	22.96		ug/L		92	56 - 122	1	21
Vinyl acetate	<2.50		50.0	33.64		ug/L		67	31 - 150	7	25
Xylenes, Total	<0.400		50.0	40.62		ug/L		81	50 - 122	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*

Lab Sample ID: MB 310-469972/5
Matrix: Water
Analysis Batch: 469972

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 10:27	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 10:27	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 10:27	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 10:27	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 10:27	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 10:27	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 10:27	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 10:27	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 10:27	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 10:27	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 10:27	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 10:27	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 10:27	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 10:27	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 10:27	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 10:27	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 10:27	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 10:27	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 10:27	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 10:27	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 10:27	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 10:27	1

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

Lab Sample ID: MB 310-469972/5
Matrix: Water
Analysis Batch: 469972

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 10:27	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 10:27	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 10:27	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 10:27	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 10:27	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 10:27	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 10:27	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 10:27	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 10:27	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 10:27	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 10:27	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 10:27	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 10:27	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 10:27	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 10:27	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 10:27	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 10:27	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 10:27	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 10:27	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 10:27	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 10:27	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 10:27	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 10:27	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 10:27	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 10:27	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/14/25 10:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*10/14/25 10:27*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/14/25 10:27*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*10/14/25 10:27*	*1*

Lab Sample ID: LCS 310-469972/6
Matrix: Water
Analysis Batch: 469972

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	35.02		ug/L		88	60 - 134
Acetone	40.0	36.24		ug/L		91	59 - 136
Acrylonitrile	200	178.1		ug/L		89	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	19.08		ug/L		95	62 - 132
Benzene	20.0	17.66		ug/L		88	71 - 125
1,2-Dibromoethane (EDB)	20.0	18.23		ug/L		91	74 - 122
Bromochloromethane	20.0	18.23		ug/L		91	69 - 131
Bromodichloromethane	20.0	17.26		ug/L		86	70 - 122
Bromoform	20.0	17.98		ug/L		90	62 - 122
1,2-Dichlorobenzene	20.0	19.17		ug/L		96	74 - 120
1,4-Dichlorobenzene	20.0	18.89		ug/L		94	72 - 120

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

Lab Sample ID: LCS 310-469972/6
Matrix: Water
Analysis Batch: 469972

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	20.0	19.39		ug/L		97	58 - 137
1,1-Dichloroethane	20.0	19.85		ug/L		99	69 - 127
Carbon tetrachloride	20.0	19.82		ug/L		99	63 - 136
1,2-Dichloroethane	20.0	17.94		ug/L		90	68 - 125
Chlorobenzene	20.0	18.91		ug/L		95	74 - 120
1,1-Dichloroethene	20.0	19.98		ug/L		100	64 - 134
Chlorodibromomethane	20.0	18.60		ug/L		93	69 - 121
1,2-Dichloropropane	20.0	16.84		ug/L		84	72 - 128
Chloroform	20.0	18.10		ug/L		91	72 - 122
2-Hexanone	40.0	40.48		ug/L		101	62 - 139
cis-1,2-Dichloroethene	20.0	18.47		ug/L		92	72 - 123
cis-1,3-Dichloropropene	20.0	19.89		ug/L		99	72 - 123
4-Methyl-2-pentanone (MIBK)	40.0	38.29		ug/L		96	62 - 136
Dibromomethane	20.0	18.12		ug/L		91	72 - 122
Ethylbenzene	20.0	20.65		ug/L		103	75 - 120
Iodomethane	20.0	15.78		ug/L		79	18 - 150
1,1,1,2-Tetrachloroethane	20.0	19.28		ug/L		96	70 - 121
1,1,2,2-Tetrachloroethane	20.0	18.33		ug/L		92	70 - 122
Methylene Chloride	20.0	19.58		ug/L		98	72 - 128
Styrene	20.0	20.15		ug/L		101	74 - 122
Tetrachloroethene	20.0	21.27		ug/L		106	70 - 128
Toluene	20.0	19.49		ug/L		97	74 - 120
trans-1,2-Dichloroethene	20.0	18.92		ug/L		95	67 - 127
trans-1,3-Dichloropropene	20.0	19.41		ug/L		97	67 - 123
1,1,1-Trichloroethane	20.0	20.52		ug/L		103	69 - 130
trans-1,4-Dichloro-2-butene	20.0	20.20		ug/L		101	50 - 150
1,1,2-Trichloroethane	20.0	18.63		ug/L		93	75 - 121
Trichloroethene	20.0	17.67		ug/L		88	70 - 128
1,2,3-Trichloropropane	20.0	20.10		ug/L		101	70 - 122
Vinyl acetate	40.0	34.87		ug/L		87	50 - 150
Xylenes, Total	40.0	40.84		ug/L		102	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*76 - 130*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

Lab Sample ID: LCS 310-469972/7
Matrix: Water
Analysis Batch: 469972

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	14.13		ug/L		71	33 - 138
Chloroethane	20.0	17.80		ug/L		89	59 - 139
Chloromethane	20.0	17.52		ug/L		88	52 - 146
Trichlorofluoromethane	20.0	19.18		ug/L		96	55 - 150
Vinyl chloride	20.0	18.20		ug/L		91	60 - 142

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

Lab Sample ID: LCS 310-469972/7
Matrix: Water
Analysis Batch: 469972

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*108*		*76 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*

Lab Sample ID: 310-317647-15 MS
Matrix: Water
Analysis Batch: 469972

Client Sample ID: MW-22A-03_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	<2.10		50.0	37.81		ug/L		76	46 - 134
Acetone	<3.10		50.0	42.19		ug/L		84	39 - 141
Acrylonitrile	<2.20		250	202.5		ug/L		81	41 - 150
1,2-Dibromo-3-Chloropropane	<1.20		25.0	23.91		ug/L		96	44 - 138
Benzene	<0.220		25.0	19.52		ug/L		78	48 - 125
1,2-Dibromoethane (EDB)	<0.340		25.0	20.40		ug/L		82	60 - 122
Bromochloromethane	<0.540		25.0	19.50		ug/L		78	55 - 131
Bromodichloromethane	<0.390		25.0	19.71		ug/L		79	53 - 122
Bromoform	<0.780		25.0	21.50		ug/L		86	47 - 122
1,2-Dichlorobenzene	<0.370		25.0	23.42		ug/L		94	60 - 120
1,4-Dichlorobenzene	<0.230		25.0	22.68		ug/L		91	58 - 120
Carbon disulfide	<0.450		25.0	22.88		ug/L		92	45 - 137
1,1-Dichloroethane	<0.220		25.0	21.82		ug/L		87	53 - 127
Carbon tetrachloride	<0.650		25.0	21.48		ug/L		86	45 - 136
1,2-Dichloroethane	<0.390		25.0	19.95		ug/L		80	48 - 128
Chlorobenzene	<0.400		25.0	20.98		ug/L		84	59 - 120
1,1-Dichloroethene	<0.560		25.0	21.48		ug/L		86	51 - 134
Chlorodibromomethane	<0.750		25.0	22.01		ug/L		88	53 - 121
1,2-Dichloropropane	<0.270		25.0	18.81		ug/L		75	59 - 128
Chloroform	<1.30		25.0	20.11		ug/L		80	52 - 122
2-Hexanone	<2.00		50.0	47.05		ug/L		94	46 - 141
cis-1,2-Dichloroethene	<0.210		25.0	20.42		ug/L		82	51 - 123
cis-1,3-Dichloropropene	<0.250		25.0	20.81		ug/L		83	55 - 123
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	44.06		ug/L		88	49 - 138
Dibromomethane	<0.330		25.0	20.87		ug/L		83	57 - 122
Ethylbenzene	<0.310		25.0	22.32		ug/L		89	53 - 120
Iodomethane	<7.00		25.0	16.66		ug/L		67	18 - 150
1,1,1,2-Tetrachloroethane	<0.380		25.0	22.82		ug/L		91	55 - 121
1,1,2,2-Tetrachloroethane	<0.470		25.0	22.28		ug/L		89	55 - 123
Methylene Chloride	<1.70		25.0	21.31		ug/L		85	59 - 128
Styrene	<0.370		25.0	22.94		ug/L		92	50 - 125
Tetrachloroethene	<0.480		25.0	22.92		ug/L		92	51 - 128
Toluene	<0.430		25.0	21.05		ug/L		84	52 - 120
trans-1,2-Dichloroethene	<0.270		25.0	21.16		ug/L		85	53 - 127
trans-1,3-Dichloropropene	<0.560		25.0	21.39		ug/L		86	50 - 123
1,1,1-Trichloroethane	<0.190		25.0	22.74		ug/L		91	53 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	22.49		ug/L		90	28 - 150
1,1,2-Trichloroethane	<0.450		25.0	21.48		ug/L		86	60 - 121
Trichloroethene	<0.430		25.0	19.96		ug/L		80	50 - 128

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

Lab Sample ID: 310-317647-15 MS
Matrix: Water
Analysis Batch: 469972

Client Sample ID: MW-22A-03_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	<0.590		25.0	24.08		ug/L		96	56 - 122
Vinyl acetate	<2.50		50.0	37.73		ug/L		75	31 - 150
Xylenes, Total	<0.400		50.0	44.62		ug/L		89	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: 310-317647-15 MSD
Matrix: Water
Analysis Batch: 469972

Client Sample ID: MW-22A-03_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	<2.10		50.0	40.19		ug/L		80	46 - 134	6	23
Acetone	<3.10		50.0	41.00		ug/L		82	39 - 141	3	23
Acrylonitrile	<2.20		250	206.1		ug/L		82	41 - 150	2	20
1,2-Dibromo-3-Chloropropane	<1.20		25.0	22.56		ug/L		90	44 - 138	6	24
Benzene	<0.220		25.0	19.25		ug/L		77	48 - 125	1	20
1,2-Dibromoethane (EDB)	<0.340		25.0	20.44		ug/L		82	60 - 122	0	20
Bromochloromethane	<0.540		25.0	20.05		ug/L		80	55 - 131	3	21
Bromodichloromethane	<0.390		25.0	19.92		ug/L		80	53 - 122	1	20
Bromoform	<0.780		25.0	21.72		ug/L		87	47 - 122	1	20
1,2-Dichlorobenzene	<0.370		25.0	23.70		ug/L		95	60 - 120	1	20
1,4-Dichlorobenzene	<0.230		25.0	22.15		ug/L		89	58 - 120	2	20
Carbon disulfide	<0.450		25.0	20.11		ug/L		80	45 - 137	13	24
1,1-Dichloroethane	<0.220		25.0	21.02		ug/L		84	53 - 127	4	20
Carbon tetrachloride	<0.650		25.0	21.77		ug/L		87	45 - 136	1	20
1,2-Dichloroethane	<0.390		25.0	20.53		ug/L		82	48 - 128	3	20
Chlorobenzene	<0.400		25.0	20.82		ug/L		83	59 - 120	1	20
1,1-Dichloroethene	<0.560		25.0	21.42		ug/L		86	51 - 134	0	20
Chlorodibromomethane	<0.750		25.0	22.28		ug/L		89	53 - 121	1	20
1,2-Dichloropropane	<0.270		25.0	18.42		ug/L		74	59 - 128	2	20
Chloroform	<1.30		25.0	19.67		ug/L		79	52 - 122	2	20
2-Hexanone	<2.00		50.0	48.37		ug/L		97	46 - 141	3	20
cis-1,2-Dichloroethene	<0.210		25.0	20.01		ug/L		80	51 - 123	2	20
cis-1,3-Dichloropropene	<0.250		25.0	20.88		ug/L		84	55 - 123	0	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	45.70		ug/L		91	49 - 138	4	20
Dibromomethane	<0.330		25.0	20.32		ug/L		81	57 - 122	3	20
Ethylbenzene	<0.310		25.0	22.12		ug/L		88	53 - 120	1	20
Iodomethane	<7.00		25.0	17.73		ug/L		71	18 - 150	6	32
1,1,1,2-Tetrachloroethane	<0.380		25.0	22.13		ug/L		89	55 - 121	3	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	22.59		ug/L		90	55 - 123	1	20
Methylene Chloride	<1.70		25.0	21.19		ug/L		85	59 - 128	1	20
Styrene	<0.370		25.0	22.81		ug/L		91	50 - 125	1	20
Tetrachloroethene	<0.480		25.0	22.72		ug/L		91	51 - 128	1	20
Toluene	<0.430		25.0	20.83		ug/L		83	52 - 120	1	20
trans-1,2-Dichloroethene	<0.270		25.0	20.00		ug/L		80	53 - 127	6	20

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

Lab Sample ID: 310-317647-15 MSD
Matrix: Water
Analysis Batch: 469972

Client Sample ID: MW-22A-03_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	<0.560		25.0	21.28		ug/L		85	50 - 123	1	20
1,1,1-Trichloroethane	<0.190		25.0	22.45		ug/L		90	53 - 130	1	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	23.53		ug/L		94	28 - 150	5	24
1,1,2-Trichloroethane	<0.450		25.0	21.25		ug/L		85	60 - 121	1	20
Trichloroethene	<0.430		25.0	19.49		ug/L		78	50 - 128	2	20
1,2,3-Trichloropropane	<0.590		25.0	24.91		ug/L		100	56 - 122	3	21
Vinyl acetate	<2.50		50.0	39.24		ug/L		78	31 - 150	4	25
Xylenes, Total	<0.400		50.0	44.67		ug/L		89	50 - 122	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 310-469975/6
Matrix: Water
Analysis Batch: 469975

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/14/25 22:06	1
Acetone	<3.10		10.0	3.10	ug/L			10/14/25 22:06	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/14/25 22:06	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/14/25 22:06	1
Benzene	<0.220		0.500	0.220	ug/L			10/14/25 22:06	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/14/25 22:06	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/14/25 22:06	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/14/25 22:06	1
Bromoform	<0.780		5.00	0.780	ug/L			10/14/25 22:06	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/14/25 22:06	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/14/25 22:06	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/14/25 22:06	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/14/25 22:06	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/14/25 22:06	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/14/25 22:06	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/14/25 22:06	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/14/25 22:06	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/14/25 22:06	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/14/25 22:06	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/14/25 22:06	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/14/25 22:06	1
Chloroform	<1.30		3.00	1.30	ug/L			10/14/25 22:06	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/14/25 22:06	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/14/25 22:06	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/14/25 22:06	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/14/25 22:06	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/14/25 22:06	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/14/25 22:06	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/14/25 22:06	1

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

Lab Sample ID: MB 310-469975/6
Matrix: Water
Analysis Batch: 469975

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iodomethane	<7.00		10.0	7.00	ug/L			10/14/25 22:06	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/14/25 22:06	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/14/25 22:06	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/14/25 22:06	1
Styrene	<0.370		1.00	0.370	ug/L			10/14/25 22:06	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/14/25 22:06	1
Toluene	<0.430		1.00	0.430	ug/L			10/14/25 22:06	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/14/25 22:06	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/14/25 22:06	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/14/25 22:06	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/14/25 22:06	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/14/25 22:06	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/14/25 22:06	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/14/25 22:06	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/14/25 22:06	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/14/25 22:06	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/14/25 22:06	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/14/25 22:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*10/14/25 22:06*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/14/25 22:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/14/25 22:06*	*1*

Lab Sample ID: LCS 310-469975/7
Matrix: Water
Analysis Batch: 469975

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	39.24		ug/L		98	60 - 134
Acetone	40.0	38.71		ug/L		97	59 - 136
Acrylonitrile	200	191.4		ug/L		96	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	20.02		ug/L		100	62 - 132
Benzene	20.0	18.31		ug/L		92	71 - 125
1,2-Dibromoethane (EDB)	20.0	19.07		ug/L		95	74 - 122
Bromochloromethane	20.0	18.58		ug/L		93	69 - 131
Bromodichloromethane	20.0	17.90		ug/L		90	70 - 122
Bromoform	20.0	19.03		ug/L		95	62 - 122
1,2-Dichlorobenzene	20.0	19.90		ug/L		99	74 - 120
1,4-Dichlorobenzene	20.0	19.37		ug/L		97	72 - 120
Carbon disulfide	20.0	19.06		ug/L		95	58 - 137
1,1-Dichloroethane	20.0	20.36		ug/L		102	69 - 127
Carbon tetrachloride	20.0	20.00		ug/L		100	63 - 136
1,2-Dichloroethane	20.0	19.58		ug/L		98	68 - 125
Chlorobenzene	20.0	19.37		ug/L		97	74 - 120
1,1-Dichloroethene	20.0	20.09		ug/L		100	64 - 134
Chlorodibromomethane	20.0	19.17		ug/L		96	69 - 121
1,2-Dichloropropane	20.0	17.48		ug/L		87	72 - 128

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

Lab Sample ID: LCS 310-469975/7
Matrix: Water
Analysis Batch: 469975

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	20.0	18.75		ug/L		94	72 - 122
2-Hexanone	40.0	40.79		ug/L		102	62 - 139
cis-1,2-Dichloroethene	20.0	19.18		ug/L		96	72 - 123
cis-1,3-Dichloropropene	20.0	19.54		ug/L		98	72 - 123
4-Methyl-2-pentanone (MIBK)	40.0	39.59		ug/L		99	62 - 136
Dibromomethane	20.0	19.31		ug/L		97	72 - 122
Ethylbenzene	20.0	20.36		ug/L		102	75 - 120
Iodomethane	20.0	15.35		ug/L		77	18 - 150
1,1,1,2-Tetrachloroethane	20.0	19.85		ug/L		99	70 - 121
1,1,2,2-Tetrachloroethane	20.0	19.03		ug/L		95	70 - 122
Methylene Chloride	20.0	20.23		ug/L		101	72 - 128
Styrene	20.0	20.16		ug/L		101	74 - 122
Tetrachloroethene	20.0	21.19		ug/L		106	70 - 128
Toluene	20.0	19.55		ug/L		98	74 - 120
trans-1,2-Dichloroethene	20.0	18.84		ug/L		94	67 - 127
trans-1,3-Dichloropropene	20.0	19.54		ug/L		98	67 - 123
1,1,1-Trichloroethane	20.0	20.87		ug/L		104	69 - 130
trans-1,4-Dichloro-2-butene	20.0	19.61		ug/L		98	50 - 150
1,1,2-Trichloroethane	20.0	19.07		ug/L		95	75 - 121
Trichloroethene	20.0	18.02		ug/L		90	70 - 128
1,2,3-Trichloropropane	20.0	21.23		ug/L		106	70 - 122
Vinyl acetate	40.0	35.85		ug/L		90	50 - 150
Xylenes, Total	40.0	40.33		ug/L		101	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*76 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*

Lab Sample ID: LCS 310-469975/8
Matrix: Water
Analysis Batch: 469975

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	14.10		ug/L		71	33 - 138
Chloroethane	20.0	16.98		ug/L		85	59 - 139
Chloromethane	20.0	17.27		ug/L		86	52 - 146
Trichlorofluoromethane	20.0	18.37		ug/L		92	55 - 150
Vinyl chloride	20.0	17.35		ug/L		87	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*114*		*76 - 130*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

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

Lab Sample ID: MB 310-470158/5
Matrix: Water
Analysis Batch: 470158

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			10/15/25 10:37	1
Acetone	<3.10		10.0	3.10	ug/L			10/15/25 10:37	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			10/15/25 10:37	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			10/15/25 10:37	1
Benzene	<0.220		0.500	0.220	ug/L			10/15/25 10:37	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			10/15/25 10:37	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			10/15/25 10:37	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			10/15/25 10:37	1
Bromoform	<0.780		5.00	0.780	ug/L			10/15/25 10:37	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			10/15/25 10:37	1
Bromomethane	<1.10		4.00	1.10	ug/L			10/15/25 10:37	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			10/15/25 10:37	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			10/15/25 10:37	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			10/15/25 10:37	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			10/15/25 10:37	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			10/15/25 10:37	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			10/15/25 10:37	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			10/15/25 10:37	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			10/15/25 10:37	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			10/15/25 10:37	1
Chloroethane	<0.790		4.00	0.790	ug/L			10/15/25 10:37	1
Chloroform	<1.30		3.00	1.30	ug/L			10/15/25 10:37	1
2-Hexanone	<2.00		10.0	2.00	ug/L			10/15/25 10:37	1
Chloromethane	<0.610		3.00	0.610	ug/L			10/15/25 10:37	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			10/15/25 10:37	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			10/15/25 10:37	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			10/15/25 10:37	1
Dibromomethane	<0.330		1.00	0.330	ug/L			10/15/25 10:37	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			10/15/25 10:37	1
Iodomethane	<7.00		10.0	7.00	ug/L			10/15/25 10:37	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			10/15/25 10:37	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			10/15/25 10:37	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			10/15/25 10:37	1
Styrene	<0.370		1.00	0.370	ug/L			10/15/25 10:37	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			10/15/25 10:37	1
Toluene	<0.430		1.00	0.430	ug/L			10/15/25 10:37	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			10/15/25 10:37	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			10/15/25 10:37	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			10/15/25 10:37	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			10/15/25 10:37	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			10/15/25 10:37	1
Trichloroethene	<0.430		1.00	0.430	ug/L			10/15/25 10:37	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			10/15/25 10:37	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			10/15/25 10:37	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			10/15/25 10:37	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			10/15/25 10:37	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			10/15/25 10:37	1
Dichlorodifluoromethane	<0.250		3.00	0.250	ug/L			10/15/25 10:37	1

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

Lab Sample ID: MB 310-470158/5
Matrix: Water
Analysis Batch: 470158

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*10/15/25 10:37*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/15/25 10:37*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/15/25 10:37*	*1*

Lab Sample ID: LCS 310-470158/6
Matrix: Water
Analysis Batch: 470158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	34.43		ug/L		86	60 - 134
Acetone	40.0	35.79		ug/L		89	59 - 136
Acrylonitrile	200	165.1		ug/L		83	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	17.04		ug/L		85	62 - 132
Benzene	20.0	16.69		ug/L		83	71 - 125
1,2-Dibromoethane (EDB)	20.0	16.33		ug/L		82	74 - 122
Bromochloromethane	20.0	15.91		ug/L		80	69 - 131
Bromodichloromethane	20.0	16.33		ug/L		82	70 - 122
Bromoform	20.0	16.69		ug/L		83	62 - 122
1,2-Dichlorobenzene	20.0	18.02		ug/L		90	74 - 120
1,4-Dichlorobenzene	20.0	17.80		ug/L		89	72 - 120
Carbon disulfide	20.0	16.84		ug/L		84	58 - 137
1,1-Dichloroethane	20.0	16.37		ug/L		82	69 - 127
Carbon tetrachloride	20.0	15.77		ug/L		79	63 - 136
1,2-Dichloroethane	20.0	16.50		ug/L		82	68 - 125
Chlorobenzene	20.0	16.06		ug/L		80	74 - 120
1,1-Dichloroethene	20.0	16.20		ug/L		81	64 - 134
Chlorodibromomethane	20.0	16.35		ug/L		82	69 - 121
1,2-Dichloropropane	20.0	16.03		ug/L		80	72 - 128
Chloroform	20.0	16.11		ug/L		81	72 - 122
2-Hexanone	40.0	34.92		ug/L		87	62 - 139
cis-1,2-Dichloroethene	20.0	16.04		ug/L		80	72 - 123
cis-1,3-Dichloropropene	20.0	17.11		ug/L		86	72 - 123
4-Methyl-2-pentanone (MIBK)	40.0	33.92		ug/L		85	62 - 136
Dibromomethane	20.0	15.87		ug/L		79	72 - 122
Ethylbenzene	20.0	16.88		ug/L		84	75 - 120
Iodomethane	20.0	13.86		ug/L		69	18 - 150
1,1,1,2-Tetrachloroethane	20.0	16.86		ug/L		84	70 - 121
1,1,2,2-Tetrachloroethane	20.0	17.33		ug/L		87	70 - 122
Methylene Chloride	20.0	17.09		ug/L		85	72 - 128
Styrene	20.0	17.18		ug/L		86	74 - 122
Tetrachloroethene	20.0	16.62		ug/L		83	70 - 128
Toluene	20.0	16.19		ug/L		81	74 - 120
trans-1,2-Dichloroethene	20.0	16.42		ug/L		82	67 - 127
trans-1,3-Dichloropropene	20.0	17.06		ug/L		85	67 - 123
1,1,1-Trichloroethane	20.0	16.22		ug/L		81	69 - 130
trans-1,4-Dichloro-2-butene	20.0	18.67		ug/L		93	50 - 150
1,1,2-Trichloroethane	20.0	16.89		ug/L		84	75 - 121
Trichloroethene	20.0	15.75		ug/L		79	70 - 128

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

Lab Sample ID: LCS 310-470158/6
Matrix: Water
Analysis Batch: 470158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	20.0	18.97		ug/L		95	70 - 122
Vinyl acetate	40.0	37.50		ug/L		94	50 - 150
Xylenes, Total	40.0	33.39		ug/L		83	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*76 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

Lab Sample ID: LCS 310-470158/7
Matrix: Water
Analysis Batch: 470158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	18.03		ug/L		90	33 - 138
Chloroethane	20.0	19.45		ug/L		97	59 - 139
Chloromethane	20.0	21.14		ug/L		106	52 - 146
Trichlorofluoromethane	20.0	19.15		ug/L		96	55 - 150
Vinyl chloride	20.0	19.88		ug/L		99	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*106*		*76 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-469845/1-A
Matrix: Water
Analysis Batch: 469984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 469845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<5.50		10.0	5.50	ug/L		10/13/25 11:06	10/14/25 11:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*74*		*21 - 110*	*10/13/25 11:06*	*10/14/25 11:25*	*1*
Phenol-d5 (Surr)	*63*		*21 - 110*	*10/13/25 11:06*	*10/14/25 11:25*	*1*
Nitrobenzene-d5 (Surr)	*104*		*39 - 140*	*10/13/25 11:06*	*10/14/25 11:25*	*1*
2-Fluorobiphenyl (Surr)	*100*		*33 - 126*	*10/13/25 11:06*	*10/14/25 11:25*	*1*
2,4,6-Tribromophenol (Surr)	*114*		*20 - 144*	*10/13/25 11:06*	*10/14/25 11:25*	*1*
Terphenyl-d14 (Surr)	*128*		*13 - 150*	*10/13/25 11:06*	*10/14/25 11:25*	*1*

Lab Sample ID: LCS 310-469845/2-A
Matrix: Water
Analysis Batch: 469984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 469845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	100	85.91		ug/L		86	46 - 138

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-469845/2-A
Matrix: Water
Analysis Batch: 469984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 469845

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	86		21 - 110
Phenol-d5 (Surr)	73		21 - 110
Nitrobenzene-d5 (Surr)	119		39 - 140
2-Fluorobiphenyl (Surr)	113		33 - 126
2,4,6-Tribromophenol (Surr)	129		20 - 144
Terphenyl-d14 (Surr)	131		13 - 150

Lab Sample ID: LCSD 310-469845/3-A
Matrix: Water
Analysis Batch: 469984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 469845

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate			100	89.05		ug/L		89	46 - 138	NaN	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorophenol (Surr)	93		21 - 110
Phenol-d5 (Surr)	78		21 - 110
Nitrobenzene-d5 (Surr)	131		39 - 140
2-Fluorobiphenyl (Surr)	121		33 - 126
2,4,6-Tribromophenol (Surr)	137		20 - 144
Terphenyl-d14 (Surr)	135		13 - 150

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LB 310-469361/1-E
Matrix: Water
Analysis Batch: 470090

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470046

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0296		0.0923	0.0296	ug/L		10/14/25 13:16	10/14/25 18:46	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	72		10 - 150	10/14/25 13:16	10/14/25 18:46	1
Tetrachloro-m-xylene (Surr)	88		17 - 150	10/14/25 13:16	10/14/25 18:46	1

Lab Sample ID: MB 310-470046/1-A
Matrix: Water
Analysis Batch: 470090

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470046

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0315		0.0983	0.0315	ug/L		10/14/25 13:16	10/14/25 18:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	59		10 - 150	10/14/25 13:16	10/14/25 18:18	1
Tetrachloro-m-xylene (Surr)	102		17 - 150	10/14/25 13:16	10/14/25 18:18	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 310-470046/2-A
Matrix: Water
Analysis Batch: 470090

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470046

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methoxychlor	2.79	2.937	p	ug/L		105	16 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*51*		*10 - 150*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 500-838079/1-A
Matrix: Water
Analysis Batch: 838190

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 838079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.118		0.840	0.118	ug/L		10/14/25 10:11	10/14/25 19:07	1
Silvex (2,4,5-TP)	<0.0882		0.840	0.0882	ug/L		10/14/25 10:11	10/14/25 19:07	1

Lab Sample ID: LCS 500-838079/2-A
Matrix: Water
Analysis Batch: 838190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	2.53	2.202		ug/L		87	30 - 115
Silvex (2,4,5-TP)	2.50	2.363		ug/L		95	32 - 115

Lab Sample ID: LCSD 500-838079/24-A
Matrix: Water
Analysis Batch: 838190

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 838079

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	2.53	2.263		ug/L		90	30 - 115	3	20
Silvex (2,4,5-TP)	2.50	2.428		ug/L		97	32 - 115	3	20

Lab Sample ID: MB 500-838209/1-A
Matrix: Water
Analysis Batch: 838385

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 838209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.140		1.00	0.140	ug/L		10/15/25 07:31	10/15/25 18:21	1
Silvex (2,4,5-TP)	<0.105		1.00	0.105	ug/L		10/15/25 07:31	10/15/25 18:21	1

Lab Sample ID: LCS 500-838209/2-A
Matrix: Water
Analysis Batch: 838385

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 838209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	2.53	2.136		ug/L		85	30 - 115
Silvex (2,4,5-TP)	2.50	2.243		ug/L		90	32 - 115

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-470215/1-A
Matrix: Water
Analysis Batch: 471186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 15:31	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		10/16/25 08:30	10/23/25 15:31	1
Barium	<0.000660		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 15:31	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 15:31	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 15:31	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 15:31	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 15:31	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 15:31	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 15:31	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 15:31	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 15:31	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 15:31	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 15:31	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/23/25 15:31	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 15:31	1

Lab Sample ID: LCS 310-470215/2-A
Matrix: Water
Analysis Batch: 471186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470215

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			0.200	0.2139		mg/L		107	80 - 120		
Arsenic			0.200	0.1961		mg/L		98	80 - 120		
Barium			0.100	0.09917		mg/L		99	80 - 120		
Beryllium			0.100	0.1023		mg/L		102	80 - 120		
Cadmium			0.100	0.1016		mg/L		102	80 - 120		
Chromium			0.100	0.1012		mg/L		101	80 - 120		
Cobalt			0.100	0.09541		mg/L		95	80 - 120		
Copper			0.200	0.1964		mg/L		98	80 - 120		
Lead			0.200	0.1998		mg/L		100	80 - 120		
Nickel			0.200	0.2020		mg/L		101	80 - 120		
Selenium			0.400	0.3845		mg/L		96	80 - 120		
Silver			0.100	0.1154		mg/L		115	80 - 120		
Thallium			0.100	0.1058		mg/L		106	80 - 120		
Vanadium			0.100	0.1005		mg/L		100	80 - 120		
Zinc			0.200	0.1971		mg/L		99	80 - 120		

Lab Sample ID: 310-317647-4 DU
Matrix: Water
Analysis Batch: 471186

Client Sample ID: MW-3-89_25_10
Prep Type: Total/NA
Prep Batch: 470215

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Antimony	<0.00100			0.001248	J	mg/L				NC	20
Arsenic	0.000826	J		0.0008120	J	mg/L				2	20
Barium	0.265			0.2539		mg/L				4	20
Beryllium	<0.000330			<0.000330		mg/L				NC	20
Cadmium	<0.000100			<0.000100		mg/L				NC	20
Chromium	<0.00180			<0.00180		mg/L				NC	20
Cobalt	0.000812			0.0007800		mg/L				4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-317647-4 DU
Matrix: Water
Analysis Batch: 471186

Client Sample ID: MW-3-89_25_10
Prep Type: Total/NA
Prep Batch: 470215

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Copper	<0.00320		<0.00320		mg/L		NC	20
Lead	<0.000330		<0.000330		mg/L		NC	20
Nickel	0.00928		0.008798		mg/L		5	20
Selenium	<0.00140		<0.00140		mg/L		NC	20
Silver	<0.000500		<0.000500		mg/L		NC	20
Thallium	<0.000570		<0.000570		mg/L		NC	20
Vanadium	0.00210	J	0.002003	J	mg/L		4	20
Zinc	<0.0130		<0.0130		mg/L		NC	20

Lab Sample ID: MB 310-470216/1-A
Matrix: Water
Analysis Batch: 471187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470216

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/23/25 14:54	1
Barium	<0.000660		0.00200	0.000660	mg/L		10/16/25 08:30	10/23/25 14:54	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/23/25 14:54	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/23/25 14:54	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/23/25 14:54	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		10/16/25 08:30	10/23/25 14:54	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/23/25 14:54	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/23/25 14:54	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/23/25 14:54	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/23/25 14:54	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/23/25 14:54	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/23/25 14:54	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/23/25 14:54	1

Lab Sample ID: MB 310-470216/1-A
Matrix: Water
Analysis Batch: 471310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470216

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000530		0.00200	0.000530	mg/L		10/16/25 08:30	10/24/25 13:52	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/24/25 13:52	1

Lab Sample ID: LCS 310-470216/2-A
Matrix: Water
Analysis Batch: 471187

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2228		mg/L		111	80 - 120
Barium	0.100	0.1002		mg/L		100	80 - 120
Beryllium	0.100	0.1011		mg/L		101	80 - 120
Cadmium	0.100	0.1004		mg/L		100	80 - 120
Chromium	0.100	0.1010		mg/L		101	80 - 120
Cobalt	0.100	0.09675		mg/L		97	80 - 120
Copper	0.200	0.1971		mg/L		99	80 - 120
Lead	0.200	0.2029		mg/L		101	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-470216/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 471187
Prep Batch: 470216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.200	0.1997		mg/L		100	80 - 120
Selenium	0.400	0.3980		mg/L		100	80 - 120
Silver	0.100	0.1047		mg/L		105	80 - 120
Thallium	0.100	0.09389		mg/L		94	80 - 120
Zinc	0.200	0.2025		mg/L		101	80 - 120

Lab Sample ID: LCS 310-470216/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 471310
Prep Batch: 470216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.200	0.1922		mg/L		96	80 - 120
Vanadium	0.100	0.1001		mg/L		100	80 - 120

Lab Sample ID: 310-317647-5 MS
Client Sample ID: MW-4A-89_25_10
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 471187
Prep Batch: 470216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.00172	J	0.200	0.2405		mg/L		119	75 - 125
Arsenic	0.00309		0.200	0.2138		mg/L		105	75 - 125
Barium	0.316		0.100	0.4196		mg/L		104	75 - 125
Beryllium	<0.000330		0.100	0.1045		mg/L		105	75 - 125
Cadmium	<0.000100		0.100	0.1033		mg/L		103	75 - 125
Chromium	<0.00180		0.100	0.1028		mg/L		103	75 - 125
Cobalt	0.00247		0.100	0.09959		mg/L		97	75 - 125
Copper	0.00359	J	0.200	0.1996		mg/L		98	75 - 125
Lead	<0.000330		0.200	0.2029		mg/L		101	75 - 125
Nickel	0.00639		0.200	0.2070		mg/L		100	75 - 125
Selenium	0.00401	J	0.400	0.4255		mg/L		105	75 - 125
Silver	<0.000500		0.100	0.1154		mg/L		115	75 - 125
Thallium	<0.000570		0.100	0.09248		mg/L		92	75 - 125
Vanadium	0.00823		0.100	0.1096		mg/L		101	75 - 125
Zinc	<0.0130		0.200	0.2036		mg/L		102	75 - 125

Lab Sample ID: 310-317647-5 MSD
Client Sample ID: MW-4A-89_25_10
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 471187
Prep Batch: 470216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00172	J	0.200	0.2258		mg/L		112	75 - 125	6	20
Arsenic	0.00309		0.200	0.2014		mg/L		99	75 - 125	6	20
Barium	0.316		0.100	0.4036		mg/L		88	75 - 125	4	20
Beryllium	<0.000330		0.100	0.09636		mg/L		96	75 - 125	8	20
Cadmium	<0.000100		0.100	0.09796		mg/L		98	75 - 125	5	20
Chromium	<0.00180		0.100	0.09650		mg/L		96	75 - 125	6	20
Cobalt	0.00247		0.100	0.09389		mg/L		91	75 - 125	6	20
Copper	0.00359	J	0.200	0.1890		mg/L		93	75 - 125	5	20
Lead	<0.000330		0.200	0.1929		mg/L		96	75 - 125	5	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-317647-5 MSD — **Client Sample ID: MW-4A-89_25_10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 471187 — **Prep Batch: 470216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	0.00639		0.200	0.1960		mg/L		95	75 - 125	5	20
Selenium	0.00401	J	0.400	0.4064		mg/L		101	75 - 125	5	20
Silver	<0.000500		0.100	0.1124		mg/L		112	75 - 125	3	20
Thallium	<0.000570		0.100	0.09021		mg/L		90	75 - 125	2	20
Vanadium	0.00823		0.100	0.1027		mg/L		94	75 - 125	6	20
Zinc	<0.0130		0.200	0.1952		mg/L		98	75 - 125	4	20

Lab Sample ID: 310-317647-15 DU — **Client Sample ID: MW-22A-03_25_10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 471187 — **Prep Batch: 470216**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.00188	J	0.001899	J	mg/L		0.9	20
Barium	0.190		0.1843		mg/L		3	20
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	<0.00180		<0.00180		mg/L		NC	20
Cobalt	0.000569		0.0005780		mg/L		2	20
Copper	<0.00320		<0.00320		mg/L		NC	20
Lead	<0.000330		<0.000330		mg/L		NC	20
Nickel	<0.00230		<0.00230		mg/L		NC	20
Selenium	<0.00140		<0.00140		mg/L		NC	20
Silver	<0.000500		<0.000500		mg/L		NC	20
Thallium	<0.000570		<0.000570		mg/L		NC	20
Vanadium	0.00281	J	0.003116	J	mg/L		10	20
Zinc	<0.0130		<0.0130		mg/L		NC	20

Lab Sample ID: MB 310-470217/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 471053 — **Prep Batch: 470217**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		10/16/25 08:30	10/22/25 16:41	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		10/16/25 08:30	10/22/25 16:41	1
Barium	<0.000660		0.00200	0.000660	mg/L		10/16/25 08:30	10/22/25 16:41	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		10/16/25 08:30	10/22/25 16:41	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		10/16/25 08:30	10/22/25 16:41	1
Chromium	<0.00180		0.00500	0.00180	mg/L		10/16/25 08:30	10/22/25 16:41	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		10/16/25 08:30	10/22/25 16:41	1
Copper	<0.00320		0.00500	0.00320	mg/L		10/16/25 08:30	10/22/25 16:41	1
Lead	<0.000330		0.000500	0.000330	mg/L		10/16/25 08:30	10/22/25 16:41	1
Nickel	<0.00230		0.00500	0.00230	mg/L		10/16/25 08:30	10/22/25 16:41	1
Selenium	<0.00140		0.00500	0.00140	mg/L		10/16/25 08:30	10/22/25 16:41	1
Silver	<0.000500		0.00100	0.000500	mg/L		10/16/25 08:30	10/22/25 16:41	1
Thallium	<0.000570		0.00100	0.000570	mg/L		10/16/25 08:30	10/22/25 16:41	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		10/16/25 08:30	10/22/25 16:41	1
Zinc	<0.0130		0.0200	0.0130	mg/L		10/16/25 08:30	10/22/25 16:41	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-470217/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 471053
Prep Batch: 470217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2103		mg/L		105	80 - 120
Arsenic	0.200	0.1923		mg/L		96	80 - 120
Barium	0.100	0.09347		mg/L		93	80 - 120
Beryllium	0.100	0.09819		mg/L		98	80 - 120
Cadmium	0.100	0.09647		mg/L		96	80 - 120
Chromium	0.100	0.09943		mg/L		99	80 - 120
Cobalt	0.100	0.09566		mg/L		96	80 - 120
Copper	0.200	0.1991		mg/L		100	80 - 120
Lead	0.200	0.1960		mg/L		98	80 - 120
Nickel	0.200	0.1996		mg/L		100	80 - 120
Selenium	0.400	0.3860		mg/L		96	80 - 120
Silver	0.100	0.1110		mg/L		111	80 - 120
Thallium	0.100	0.09848		mg/L		98	80 - 120
Vanadium	0.100	0.09866		mg/L		99	80 - 120
Zinc	0.200	0.1919		mg/L		96	80 - 120

Lab Sample ID: 310-317647-25 MS
Client Sample ID: MW-108A_25_10
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 471053
Prep Batch: 470217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.00110	J	0.200	0.2300		mg/L		114	75 - 125
Arsenic	<0.000530		0.200	0.2099		mg/L		105	75 - 125
Barium	0.246		0.100	0.3605		mg/L		115	75 - 125
Beryllium	<0.000330		0.100	0.1073		mg/L		107	75 - 125
Cadmium	<0.000100		0.100	0.1037		mg/L		104	75 - 125
Chromium	<0.00180		0.100	0.1054		mg/L		105	75 - 125
Cobalt	<0.000170		0.100	0.09822		mg/L		98	75 - 125
Copper	<0.00320		0.200	0.2047		mg/L		102	75 - 125
Lead	<0.000330		0.200	0.2075		mg/L		104	75 - 125
Nickel	<0.00230		0.200	0.2056		mg/L		103	75 - 125
Selenium	<0.00140		0.400	0.4225		mg/L		106	75 - 125
Silver	<0.000500		0.100	0.1126		mg/L		113	75 - 125
Thallium	<0.000570		0.100	0.09660		mg/L		97	75 - 125
Vanadium	<0.00170		0.100	0.1057		mg/L		106	75 - 125
Zinc	<0.0130		0.200	0.2081		mg/L		104	75 - 125

Lab Sample ID: 310-317647-25 MSD
Client Sample ID: MW-108A_25_10
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 471053
Prep Batch: 470217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00110	J	0.200	0.2224		mg/L		111	75 - 125	3	20
Arsenic	<0.000530		0.200	0.2026		mg/L		101	75 - 125	4	20
Barium	0.246		0.100	0.3573		mg/L		112	75 - 125	1	20
Beryllium	<0.000330		0.100	0.1037		mg/L		104	75 - 125	3	20
Cadmium	<0.000100		0.100	0.09969		mg/L		100	75 - 125	4	20
Chromium	<0.00180		0.100	0.1017		mg/L		102	75 - 125	4	20
Cobalt	<0.000170		0.100	0.09506		mg/L		95	75 - 125	3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-317647-25 MSD — **Client Sample ID: MW-108A_25_10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 471053 — **Prep Batch: 470217**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	<0.00320		0.200	0.1981		mg/L		99	75 - 125	3	20
Lead	<0.000330		0.200	0.2004		mg/L		100	75 - 125	3	20
Nickel	<0.00230		0.200	0.1988		mg/L		99	75 - 125	3	20
Selenium	<0.00140		0.400	0.4057		mg/L		101	75 - 125	4	20
Silver	<0.000500		0.100	0.1120		mg/L		112	75 - 125	1	20
Thallium	<0.000570		0.100	0.09549		mg/L		95	75 - 125	1	20
Vanadium	<0.00170		0.100	0.1024		mg/L		102	75 - 125	3	20
Zinc	<0.0130		0.200	0.2032		mg/L		102	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 310-470677/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 470872 — **Prep Batch: 470677**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.110		0.200	0.110	ug/L		10/20/25 13:00	10/21/25 13:30	1

Lab Sample ID: LCS 310-470677/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 470872 — **Prep Batch: 470677**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.67	1.640		ug/L		98	80 - 120

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-837737/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 837738 — **Prep Batch: 837737**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	0.4636	J	1.00	0.231	mg/L		10/12/25 18:00	10/13/25 01:33	1

Lab Sample ID: LCS 500-837737/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 837738 — **Prep Batch: 837737**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	3.32	3.794		mg/L		114	80 - 120

Lab Sample ID: 310-317647-14 MS — **Client Sample ID: MW-20-03_25_10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 837738 — **Prep Batch: 837737**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<0.231		8.31	8.980		mg/L		108	75 - 125

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: 310-317647-14 MSD — **Client Sample ID: MW-20-03_25_10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 837738 — **Prep Batch: 837737**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.231		8.31	9.097		mg/L		109	75 - 125	1	20

Lab Sample ID: MB 500-838147/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 838148 — **Prep Batch: 838147**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<0.231		1.00	0.231	mg/L		10/14/25 13:36	10/14/25 13:40	1

Lab Sample ID: LCS 500-838147/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 838148 — **Prep Batch: 838147**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	3.32	3.796		mg/L		114	80 - 120

Lab Sample ID: 310-317647-3 MS — **Client Sample ID: MW-2A-89_25_10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 838148 — **Prep Batch: 838147**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<0.231		8.31	7.437		mg/L		89	75 - 125

Lab Sample ID: 310-317647-3 MSD — **Client Sample ID: MW-2A-89_25_10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 838148 — **Prep Batch: 838147**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.231		8.31	7.708		mg/L		93	75 - 125	4	20

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-469566/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 469566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			10/10/25 04:45	1

Lab Sample ID: LCS 310-469566/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 469566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	94.00		mg/L		94	82 - 117

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: MB 310-469569/1
Matrix: Water
Analysis Batch: 469569

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			10/10/25 05:52	1

Lab Sample ID: LCS 310-469569/2
Matrix: Water
Analysis Batch: 469569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	97.00		mg/L		97	82 - 117

Lab Sample ID: 310-317647-10 DU
Matrix: Water
Analysis Batch: 469569

Client Sample ID: MW-9-92_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	36.0		38.00		mg/L		5	35

Lab Sample ID: 310-317647-19 DU
Matrix: Water
Analysis Batch: 469569

Client Sample ID: MW-102A-12_25_10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	22.0		24.00		mg/L		9	35

Lab Sample ID: MB 310-469910/1
Matrix: Water
Analysis Batch: 469910

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			10/13/25 15:41	1

Lab Sample ID: LCS 310-469910/2
Matrix: Water
Analysis Batch: 469910

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	105.0		mg/L		105	82 - 117

Lab Sample ID: MB 310-470022/1
Matrix: Water
Analysis Batch: 470022

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			10/14/25 11:18	1

Lab Sample ID: LCS 310-470022/2
Matrix: Water
Analysis Batch: 470022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	102.0		mg/L		102	82 - 117

GC/MS VOA

Analysis Batch: 469633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-1	GUA-1-2_25_10	Total/NA	Water	8260D	
310-317647-2	MW-1-89_25_10	Total/NA	Water	8260D	
310-317647-3	MW-2A-89_25_10	Total/NA	Water	8260D	
310-317647-4	MW-3-89_25_10	Total/NA	Water	8260D	
310-317647-5	MW-4A-89_25_10	Total/NA	Water	8260D	
310-317647-6	MW-4B-89_25_10	Total/NA	Water	8260D	
310-317647-7	MW-5-89_25_10	Total/NA	Water	8260D	
310-317647-8	MW-6-89_25_10	Total/NA	Water	8260D	
310-317647-9	MW-8A-89_25_10	Total/NA	Water	8260D	
310-317647-10	MW-9-92_25_10	Total/NA	Water	8260D	
310-317647-11	MW-11_25_10	Total/NA	Water	8260D	
310-317647-12	MW-15-10R_25_10	Total/NA	Water	8260D	
310-317647-13	MW-16-03_25_10	Total/NA	Water	8260D	
MB 310-469633/6	Method Blank	Total/NA	Water	8260D	
LCS 310-469633/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-469633/8	Lab Control Sample	Total/NA	Water	8260D	
310-317647-1 MS	GUA-1-2_25_10	Total/NA	Water	8260D	
310-317647-1 MSD	GUA-1-2_25_10	Total/NA	Water	8260D	

Analysis Batch: 469635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-14	MW-20-03_25_10	Total/NA	Water	8260D	
310-317647-29	FB-1_25_10	Total/NA	Water	8260D	
310-317647-30	FB-2_25_10	Total/NA	Water	8260D	
310-317647-32	TB-2_25_10	Total/NA	Water	8260D	
MB 310-469635/7	Method Blank	Total/NA	Water	8260D	
LCS 310-469635/8	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-469635/9	Lab Control Sample	Total/NA	Water	8260D	
310-317647-14 MS	MW-20-03_25_10	Total/NA	Water	8260D	
310-317647-14 MSD	MW-20-03_25_10	Total/NA	Water	8260D	

Analysis Batch: 469972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-15	MW-22A-03_25_10	Total/NA	Water	8260D	
310-317647-16	MW-23-03_25_10	Total/NA	Water	8260D	
310-317647-17	MW-101A-12_25_10	Total/NA	Water	8260D	
310-317647-18	MW-101B_25_10	Total/NA	Water	8260D	
310-317647-19	MW-102A-12_25_10	Total/NA	Water	8260D	
310-317647-20	MW-103A-12_25_10	Total/NA	Water	8260D	
310-317647-21	MW-104A-12_25_10	Total/NA	Water	8260D	
310-317647-22	MW-105A-12_25_10	Total/NA	Water	8260D	
310-317647-23	MW-106A-12_25_10	Total/NA	Water	8260D	
310-317647-24	MW-107A_25_10	Total/NA	Water	8260D	
310-317647-25	MW-108A_25_10	Total/NA	Water	8260D	
MB 310-469972/5	Method Blank	Total/NA	Water	8260D	
LCS 310-469972/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-469972/7	Lab Control Sample	Total/NA	Water	8260D	
310-317647-15 MS	MW-22A-03_25_10	Total/NA	Water	8260D	
310-317647-15 MSD	MW-22A-03_25_10	Total/NA	Water	8260D	

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Analysis Batch: 469975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-26	FD-1_25_10	Total/NA	Water	8260D	
310-317647-27	FD-2_25_10	Total/NA	Water	8260D	
310-317647-28	FD-3_25_10	Total/NA	Water	8260D	
MB 310-469975/6	Method Blank	Total/NA	Water	8260D	
LCS 310-469975/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-469975/8	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 470158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-1	GUA-1-2_25_10	Total/NA	Water	8260D	
310-317647-2	MW-1-89_25_10	Total/NA	Water	8260D	
310-317647-3	MW-2A-89_25_10	Total/NA	Water	8260D	
310-317647-4	MW-3-89_25_10	Total/NA	Water	8260D	
310-317647-5	MW-4A-89_25_10	Total/NA	Water	8260D	
310-317647-6	MW-4B-89_25_10	Total/NA	Water	8260D	
310-317647-7	MW-5-89_25_10	Total/NA	Water	8260D	
310-317647-8	MW-6-89_25_10	Total/NA	Water	8260D	
310-317647-9	MW-8A-89_25_10	Total/NA	Water	8260D	
310-317647-10	MW-9-92_25_10	Total/NA	Water	8260D	
310-317647-11	MW-11_25_10	Total/NA	Water	8260D	
310-317647-12	MW-15-10R_25_10	Total/NA	Water	8260D	
310-317647-13	MW-16-03_25_10	Total/NA	Water	8260D	
310-317647-31	TB-1_25_10	Total/NA	Water	8260D	
MB 310-470158/5	Method Blank	Total/NA	Water	8260D	
LCS 310-470158/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-470158/7	Lab Control Sample	Total/NA	Water	8260D	

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Prep Batch: 469845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-12	MW-15-10R_25_10	Total/NA	Water	3510C	
310-317647-13	MW-16-03_25_10	Total/NA	Water	3510C	
310-317647-14	MW-20-03_25_10	Total/NA	Water	3510C	
310-317647-15	MW-22A-03_25_10	Total/NA	Water	3510C	
310-317647-16	MW-23-03_25_10	Total/NA	Water	3510C	
310-317647-17	MW-101A-12_25_10	Total/NA	Water	3510C	
310-317647-19	MW-102A-12_25_10	Total/NA	Water	3510C	
310-317647-23	MW-106A-12_25_10	Total/NA	Water	3510C	
310-317647-29	FB-1_25_10	Total/NA	Water	3510C	
310-317647-30	FB-2_25_10	Total/NA	Water	3510C	
MB 310-469845/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-469845/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-469845/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 469984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-12	MW-15-10R_25_10	Total/NA	Water	8270E	469845
310-317647-13	MW-16-03_25_10	Total/NA	Water	8270E	469845
310-317647-14	MW-20-03_25_10	Total/NA	Water	8270E	469845
310-317647-15	MW-22A-03_25_10	Total/NA	Water	8270E	469845

GC/MS Semi VOA (Continued)

Analysis Batch: 469984 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-16	MW-23-03_25_10	Total/NA	Water	8270E	469845
310-317647-17	MW-101A-12_25_10	Total/NA	Water	8270E	469845
310-317647-19	MW-102A-12_25_10	Total/NA	Water	8270E	469845
310-317647-23	MW-106A-12_25_10	Total/NA	Water	8270E	469845
310-317647-29	FB-1_25_10	Total/NA	Water	8270E	469845
310-317647-30	FB-2_25_10	Total/NA	Water	8270E	469845
MB 310-469845/1-A	Method Blank	Total/NA	Water	8270E	469845
LCS 310-469845/2-A	Lab Control Sample	Total/NA	Water	8270E	469845
LCSD 310-469845/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	469845

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Leach Batch: 469361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-469361/1-E	Method Blank	Total/NA	Water	1311	

Prep Batch: 470046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-6	MW-4B-89_25_10	Total/NA	Water	3511	
310-317647-12	MW-15-10R_25_10	Total/NA	Water	3511	
310-317647-13	MW-16-03_25_10	Total/NA	Water	3511	
310-317647-14	MW-20-03_25_10	Total/NA	Water	3511	
310-317647-15	MW-22A-03_25_10	Total/NA	Water	3511	
310-317647-16	MW-23-03_25_10	Total/NA	Water	3511	
310-317647-23	MW-106A-12_25_10	Total/NA	Water	3511	
310-317647-29	FB-1_25_10	Total/NA	Water	3511	
310-317647-30	FB-2_25_10	Total/NA	Water	3511	
LB 310-469361/1-E	Method Blank	Total/NA	Water	3511	469361
MB 310-470046/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-470046/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 470090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-6	MW-4B-89_25_10	Total/NA	Water	8081B	470046
LB 310-469361/1-E	Method Blank	Total/NA	Water	8081B	470046
MB 310-470046/1-A	Method Blank	Total/NA	Water	8081B	470046
LCS 310-470046/2-A	Lab Control Sample	Total/NA	Water	8081B	470046

Analysis Batch: 470949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-12	MW-15-10R_25_10	Total/NA	Water	8081B	470046
310-317647-13	MW-16-03_25_10	Total/NA	Water	8081B	470046
310-317647-14	MW-20-03_25_10	Total/NA	Water	8081B	470046
310-317647-15	MW-22A-03_25_10	Total/NA	Water	8081B	470046
310-317647-16	MW-23-03_25_10	Total/NA	Water	8081B	470046
310-317647-23	MW-106A-12_25_10	Total/NA	Water	8081B	470046
310-317647-29	FB-1_25_10	Total/NA	Water	8081B	470046
310-317647-30	FB-2_25_10	Total/NA	Water	8081B	470046

GC Semi VOA

Prep Batch: 838079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-6	MW-4B-89_25_10	Total/NA	Water	8151A	
310-317647-7	MW-5-89_25_10	Total/NA	Water	8151A	
310-317647-12	MW-15-10R_25_10	Total/NA	Water	8151A	
310-317647-13	MW-16-03_25_10	Total/NA	Water	8151A	
310-317647-14	MW-20-03_25_10	Total/NA	Water	8151A	
310-317647-15	MW-22A-03_25_10	Total/NA	Water	8151A	
310-317647-16	MW-23-03_25_10	Total/NA	Water	8151A	
310-317647-20	MW-103A-12_25_10	Total/NA	Water	8151A	
310-317647-23	MW-106A-12_25_10	Total/NA	Water	8151A	
MB 500-838079/1-A	Method Blank	Total/NA	Water	8151A	
LCS 500-838079/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 500-838079/24-A	Lab Control Sample Dup	Total/NA	Water	8151A	

Analysis Batch: 838190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-6	MW-4B-89_25_10	Total/NA	Water	8151A	838079
310-317647-7	MW-5-89_25_10	Total/NA	Water	8151A	838079
310-317647-12	MW-15-10R_25_10	Total/NA	Water	8151A	838079
310-317647-13	MW-16-03_25_10	Total/NA	Water	8151A	838079
310-317647-14	MW-20-03_25_10	Total/NA	Water	8151A	838079
310-317647-15	MW-22A-03_25_10	Total/NA	Water	8151A	838079
310-317647-16	MW-23-03_25_10	Total/NA	Water	8151A	838079
310-317647-20	MW-103A-12_25_10	Total/NA	Water	8151A	838079
310-317647-23	MW-106A-12_25_10	Total/NA	Water	8151A	838079
MB 500-838079/1-A	Method Blank	Total/NA	Water	8151A	838079
LCS 500-838079/2-A	Lab Control Sample	Total/NA	Water	8151A	838079
LCSD 500-838079/24-A	Lab Control Sample Dup	Total/NA	Water	8151A	838079

Prep Batch: 838209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-29	FB-1_25_10	Total/NA	Water	8151A	
310-317647-30	FB-2_25_10	Total/NA	Water	8151A	
MB 500-838209/1-A	Method Blank	Total/NA	Water	8151A	
LCS 500-838209/2-A	Lab Control Sample	Total/NA	Water	8151A	

Analysis Batch: 838385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-29	FB-1_25_10	Total/NA	Water	8151A	838209
310-317647-30	FB-2_25_10	Total/NA	Water	8151A	838209
MB 500-838209/1-A	Method Blank	Total/NA	Water	8151A	838209
LCS 500-838209/2-A	Lab Control Sample	Total/NA	Water	8151A	838209

Metals

Prep Batch: 470215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-1	GUA-1-2_25_10	Total/NA	Water	3005A	
310-317647-2	MW-1-89_25_10	Total/NA	Water	3005A	
310-317647-3	MW-2A-89_25_10	Total/NA	Water	3005A	
310-317647-4	MW-3-89_25_10	Total/NA	Water	3005A	
MB 310-470215/1-A	Method Blank	Total/NA	Water	3005A	

Metals (Continued)

Prep Batch: 470215 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-470215/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-317647-4 DU	MW-3-89_25_10	Total/NA	Water	3005A	

Prep Batch: 470216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-5	MW-4A-89_25_10	Total/NA	Water	3005A	
310-317647-6	MW-4B-89_25_10	Total/NA	Water	3005A	
310-317647-7	MW-5-89_25_10	Total/NA	Water	3005A	
310-317647-8	MW-6-89_25_10	Total/NA	Water	3005A	
310-317647-9	MW-8A-89_25_10	Total/NA	Water	3005A	
310-317647-10	MW-9-92_25_10	Total/NA	Water	3005A	
310-317647-11	MW-11_25_10	Total/NA	Water	3005A	
310-317647-12	MW-15-10R_25_10	Total/NA	Water	3005A	
310-317647-13	MW-16-03_25_10	Total/NA	Water	3005A	
310-317647-14	MW-20-03_25_10	Total/NA	Water	3005A	
310-317647-15	MW-22A-03_25_10	Total/NA	Water	3005A	
310-317647-16	MW-23-03_25_10	Total/NA	Water	3005A	
310-317647-17	MW-101A-12_25_10	Total/NA	Water	3005A	
310-317647-19	MW-102A-12_25_10	Total/NA	Water	3005A	
310-317647-20	MW-103A-12_25_10	Total/NA	Water	3005A	
310-317647-21	MW-104A-12_25_10	Total/NA	Water	3005A	
310-317647-22	MW-105A-12_25_10	Total/NA	Water	3005A	
310-317647-23	MW-106A-12_25_10	Total/NA	Water	3005A	
310-317647-24	MW-107A_25_10	Total/NA	Water	3005A	
MB 310-470216/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-470216/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-317647-5 MS	MW-4A-89_25_10	Total/NA	Water	3005A	
310-317647-5 MSD	MW-4A-89_25_10	Total/NA	Water	3005A	
310-317647-15 DU	MW-22A-03_25_10	Total/NA	Water	3005A	

Prep Batch: 470217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-25	MW-108A_25_10	Total/NA	Water	3005A	
310-317647-26	FD-1_25_10	Total/NA	Water	3005A	
310-317647-27	FD-2_25_10	Total/NA	Water	3005A	
310-317647-28	FD-3_25_10	Total/NA	Water	3005A	
310-317647-29	FB-1_25_10	Total/NA	Water	3005A	
310-317647-30	FB-2_25_10	Total/NA	Water	3005A	
MB 310-470217/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-470217/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-317647-25 MS	MW-108A_25_10	Total/NA	Water	3005A	
310-317647-25 MSD	MW-108A_25_10	Total/NA	Water	3005A	

Prep Batch: 470677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-12	MW-15-10R_25_10	Total/NA	Water	7470A	
310-317647-13	MW-16-03_25_10	Total/NA	Water	7470A	
310-317647-14	MW-20-03_25_10	Total/NA	Water	7470A	
310-317647-15	MW-22A-03_25_10	Total/NA	Water	7470A	
310-317647-16	MW-23-03_25_10	Total/NA	Water	7470A	
310-317647-19	MW-102A-12_25_10	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 470677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-23	MW-106A-12_25_10	Total/NA	Water	7470A	
310-317647-29	FB-1_25_10	Total/NA	Water	7470A	
310-317647-30	FB-2_25_10	Total/NA	Water	7470A	
MB 310-470677/1-A	Method Blank	Total/NA	Water	7470A	
LCS 310-470677/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 470872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-12	MW-15-10R_25_10	Total/NA	Water	7470A	470677
310-317647-13	MW-16-03_25_10	Total/NA	Water	7470A	470677
310-317647-14	MW-20-03_25_10	Total/NA	Water	7470A	470677
310-317647-15	MW-22A-03_25_10	Total/NA	Water	7470A	470677
310-317647-16	MW-23-03_25_10	Total/NA	Water	7470A	470677
310-317647-19	MW-102A-12_25_10	Total/NA	Water	7470A	470677
310-317647-23	MW-106A-12_25_10	Total/NA	Water	7470A	470677
310-317647-29	FB-1_25_10	Total/NA	Water	7470A	470677
310-317647-30	FB-2_25_10	Total/NA	Water	7470A	470677
MB 310-470677/1-A	Method Blank	Total/NA	Water	7470A	470677
LCS 310-470677/2-A	Lab Control Sample	Total/NA	Water	7470A	470677

Analysis Batch: 471053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-25	MW-108A_25_10	Total/NA	Water	6020B	470217
310-317647-26	FD-1_25_10	Total/NA	Water	6020B	470217
310-317647-27	FD-2_25_10	Total/NA	Water	6020B	470217
310-317647-28	FD-3_25_10	Total/NA	Water	6020B	470217
310-317647-29	FB-1_25_10	Total/NA	Water	6020B	470217
310-317647-30	FB-2_25_10	Total/NA	Water	6020B	470217
MB 310-470217/1-A	Method Blank	Total/NA	Water	6020B	470217
LCS 310-470217/2-A	Lab Control Sample	Total/NA	Water	6020B	470217
310-317647-25 MS	MW-108A_25_10	Total/NA	Water	6020B	470217
310-317647-25 MSD	MW-108A_25_10	Total/NA	Water	6020B	470217

Analysis Batch: 471186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-1	GUA-1-2_25_10	Total/NA	Water	6020B	470215
310-317647-2	MW-1-89_25_10	Total/NA	Water	6020B	470215
310-317647-3	MW-2A-89_25_10	Total/NA	Water	6020B	470215
310-317647-4	MW-3-89_25_10	Total/NA	Water	6020B	470215
MB 310-470215/1-A	Method Blank	Total/NA	Water	6020B	470215
LCS 310-470215/2-A	Lab Control Sample	Total/NA	Water	6020B	470215
310-317647-4 DU	MW-3-89_25_10	Total/NA	Water	6020B	470215

Analysis Batch: 471187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-5	MW-4A-89_25_10	Total/NA	Water	6020B	470216
310-317647-6	MW-4B-89_25_10	Total/NA	Water	6020B	470216
310-317647-7	MW-5-89_25_10	Total/NA	Water	6020B	470216
310-317647-8	MW-6-89_25_10	Total/NA	Water	6020B	470216
310-317647-9	MW-8A-89_25_10	Total/NA	Water	6020B	470216
310-317647-10	MW-9-92_25_10	Total/NA	Water	6020B	470216

Metals (Continued)

Analysis Batch: 471187 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-11	MW-11_25_10	Total/NA	Water	6020B	470216
310-317647-12	MW-15-10R_25_10	Total/NA	Water	6020B	470216
310-317647-13	MW-16-03_25_10	Total/NA	Water	6020B	470216
310-317647-14	MW-20-03_25_10	Total/NA	Water	6020B	470216
310-317647-15	MW-22A-03_25_10	Total/NA	Water	6020B	470216
310-317647-16	MW-23-03_25_10	Total/NA	Water	6020B	470216
310-317647-17	MW-101A-12_25_10	Total/NA	Water	6020B	470216
310-317647-19	MW-102A-12_25_10	Total/NA	Water	6020B	470216
310-317647-20	MW-103A-12_25_10	Total/NA	Water	6020B	470216
310-317647-21	MW-104A-12_25_10	Total/NA	Water	6020B	470216
310-317647-22	MW-105A-12_25_10	Total/NA	Water	6020B	470216
310-317647-23	MW-106A-12_25_10	Total/NA	Water	6020B	470216
310-317647-24	MW-107A_25_10	Total/NA	Water	6020B	470216
MB 310-470216/1-A	Method Blank	Total/NA	Water	6020B	470216
LCS 310-470216/2-A	Lab Control Sample	Total/NA	Water	6020B	470216
310-317647-5 MS	MW-4A-89_25_10	Total/NA	Water	6020B	470216
310-317647-5 MSD	MW-4A-89_25_10	Total/NA	Water	6020B	470216
310-317647-15 DU	MW-22A-03_25_10	Total/NA	Water	6020B	470216

Analysis Batch: 471310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-470216/1-A	Method Blank	Total/NA	Water	6020B	470216
LCS 310-470216/2-A	Lab Control Sample	Total/NA	Water	6020B	470216

General Chemistry

Analysis Batch: 469566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-8	MW-6-89_25_10	Total/NA	Water	I-3765-85	
310-317647-13	MW-16-03_25_10	Total/NA	Water	I-3765-85	
310-317647-14	MW-20-03_25_10	Total/NA	Water	I-3765-85	
310-317647-15	MW-22A-03_25_10	Total/NA	Water	I-3765-85	
310-317647-16	MW-23-03_25_10	Total/NA	Water	I-3765-85	
310-317647-23	MW-106A-12_25_10	Total/NA	Water	I-3765-85	
MB 310-469566/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-469566/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 469569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-1	GUA-1-2_25_10	Total/NA	Water	I-3765-85	
310-317647-2	MW-1-89_25_10	Total/NA	Water	I-3765-85	
310-317647-3	MW-2A-89_25_10	Total/NA	Water	I-3765-85	
310-317647-4	MW-3-89_25_10	Total/NA	Water	I-3765-85	
310-317647-5	MW-4A-89_25_10	Total/NA	Water	I-3765-85	
310-317647-6	MW-4B-89_25_10	Total/NA	Water	I-3765-85	
310-317647-7	MW-5-89_25_10	Total/NA	Water	I-3765-85	
310-317647-9	MW-8A-89_25_10	Total/NA	Water	I-3765-85	
310-317647-10	MW-9-92_25_10	Total/NA	Water	I-3765-85	
310-317647-11	MW-11_25_10	Total/NA	Water	I-3765-85	
310-317647-12	MW-15-10R_25_10	Total/NA	Water	I-3765-85	
310-317647-17	MW-101A-12_25_10	Total/NA	Water	I-3765-85	

General Chemistry (Continued)

Analysis Batch: 469569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-19	MW-102A-12_25_10	Total/NA	Water	I-3765-85	
310-317647-20	MW-103A-12_25_10	Total/NA	Water	I-3765-85	
310-317647-21	MW-104A-12_25_10	Total/NA	Water	I-3765-85	
310-317647-22	MW-105A-12_25_10	Total/NA	Water	I-3765-85	
310-317647-25	MW-108A_25_10	Total/NA	Water	I-3765-85	
MB 310-469569/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-469569/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-317647-10 DU	MW-9-92_25_10	Total/NA	Water	I-3765-85	
310-317647-19 DU	MW-102A-12_25_10	Total/NA	Water	I-3765-85	

Analysis Batch: 469910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-24	MW-107A_25_10	Total/NA	Water	I-3765-85	
310-317647-26	FD-1_25_10	Total/NA	Water	I-3765-85	
310-317647-27	FD-2_25_10	Total/NA	Water	I-3765-85	
310-317647-28	FD-3_25_10	Total/NA	Water	I-3765-85	
310-317647-29	FB-1_25_10	Total/NA	Water	I-3765-85	
MB 310-469910/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-469910/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 470022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-30	FB-2_25_10	Total/NA	Water	I-3765-85	
MB 310-470022/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-470022/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Prep Batch: 837737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-13	MW-16-03_25_10	Total/NA	Water	9030B	
310-317647-14	MW-20-03_25_10	Total/NA	Water	9030B	
310-317647-15	MW-22A-03_25_10	Total/NA	Water	9030B	
310-317647-16	MW-23-03_25_10	Total/NA	Water	9030B	
310-317647-23	MW-106A-12_25_10	Total/NA	Water	9030B	
MB 500-837737/1-A	Method Blank	Total/NA	Water	9030B	
LCS 500-837737/2-A	Lab Control Sample	Total/NA	Water	9030B	
310-317647-14 MS	MW-20-03_25_10	Total/NA	Water	9030B	
310-317647-14 MSD	MW-20-03_25_10	Total/NA	Water	9030B	

Analysis Batch: 837738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-13	MW-16-03_25_10	Total/NA	Water	9034	837737
310-317647-14	MW-20-03_25_10	Total/NA	Water	9034	837737
310-317647-15	MW-22A-03_25_10	Total/NA	Water	9034	837737
310-317647-16	MW-23-03_25_10	Total/NA	Water	9034	837737
310-317647-23	MW-106A-12_25_10	Total/NA	Water	9034	837737
MB 500-837737/1-A	Method Blank	Total/NA	Water	9034	837737
LCS 500-837737/2-A	Lab Control Sample	Total/NA	Water	9034	837737
310-317647-14 MS	MW-20-03_25_10	Total/NA	Water	9034	837737
310-317647-14 MSD	MW-20-03_25_10	Total/NA	Water	9034	837737

General Chemistry

Prep Batch: 838147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-3	MW-2A-89_25_10	Total/NA	Water	9030B	
310-317647-6	MW-4B-89_25_10	Total/NA	Water	9030B	
310-317647-12	MW-15-10R_25_10	Total/NA	Water	9030B	
310-317647-21	MW-104A-12_25_10	Total/NA	Water	9030B	
310-317647-29	FB-1_25_10	Total/NA	Water	9030B	
310-317647-30	FB-2_25_10	Total/NA	Water	9030B	
MB 500-838147/1-A	Method Blank	Total/NA	Water	9030B	
LCS 500-838147/2-A	Lab Control Sample	Total/NA	Water	9030B	
310-317647-3 MS	MW-2A-89_25_10	Total/NA	Water	9030B	
310-317647-3 MSD	MW-2A-89_25_10	Total/NA	Water	9030B	

Analysis Batch: 838148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-317647-3	MW-2A-89_25_10	Total/NA	Water	9034	838147
310-317647-6	MW-4B-89_25_10	Total/NA	Water	9034	838147
310-317647-12	MW-15-10R_25_10	Total/NA	Water	9034	838147
310-317647-21	MW-104A-12_25_10	Total/NA	Water	9034	838147
310-317647-29	FB-1_25_10	Total/NA	Water	9034	838147
310-317647-30	FB-2_25_10	Total/NA	Water	9034	838147
MB 500-838147/1-A	Method Blank	Total/NA	Water	9034	838147
LCS 500-838147/2-A	Lab Control Sample	Total/NA	Water	9034	838147
310-317647-3 MS	MW-2A-89_25_10	Total/NA	Water	9034	838147
310-317647-3 MSD	MW-2A-89_25_10	Total/NA	Water	9034	838147

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: GUA-1-2_25_10
Lab Sample ID: 310-317647-1
Date Collected: 10/08/25 10:30
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 13:20
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 16:48
Total/NA	Prep	3005A			470215	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471186	NFT2	EET CF	10/23/25 16:13
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-1-89_25_10
Lab Sample ID: 310-317647-2
Date Collected: 10/08/25 11:55
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 13:42
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 17:10
Total/NA	Prep	3005A			470215	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471186	NFT2	EET CF	10/23/25 16:16
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-2A-89_25_10
Lab Sample ID: 310-317647-3
Date Collected: 10/08/25 17:20
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 14:04
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 17:33
Total/NA	Prep	3005A			470215	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471186	NFT2	EET CF	10/23/25 16:19
Total/NA	Prep	9030B			838147	TR	EET CHI	10/14/25 13:36 - 10/14/25 13:36 [1]
Total/NA	Analysis	9034		1	838148	TR	EET CHI	10/14/25 13:56 - 10/14/25 14:04 [1]
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-3-89_25_10
Lab Sample ID: 310-317647-4
Date Collected: 10/08/25 16:30
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 14:26
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 17:55
Total/NA	Prep	3005A			470215	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471186	NFT2	EET CF	10/23/25 16:22
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-4A-89_25_10
Lab Sample ID: 310-317647-5

Date Collected: 10/08/25 14:10
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 14:47
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 18:18
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 14:59
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-4B-89_25_10
Lab Sample ID: 310-317647-6

Date Collected: 10/08/25 15:15
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 15:09
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 18:40
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:16
Total/NA	Analysis	8081B		1	470090	BW2O	EET CF	10/14/25 20:10
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 21:11
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:09
Total/NA	Prep	9030B			838147	TR	EET CHI	10/14/25 13:37 - 10/14/25 13:37 [1]
Total/NA	Analysis	9034		1	838148	TR	EET CHI	10/14/25 14:20 - 10/14/25 14:28 [1]
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-5-89_25_10
Lab Sample ID: 310-317647-7

Date Collected: 10/08/25 13:30
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 15:31
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 19:03
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 21:28
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:12
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-6-89_25_10
Lab Sample ID: 310-317647-8

Date Collected: 10/07/25 17:30
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 17:43
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 19:25

Client Sample ID: MW-6-89_25_10
Lab Sample ID: 310-317647-8

Date Collected: 10/07/25 17:30
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:14
Total/NA	Analysis	I-3765-85		1	469566	DGU1	EET CF	10/10/25 04:45

Client Sample ID: MW-8A-89_25_10
Lab Sample ID: 310-317647-9

Date Collected: 10/09/25 09:15
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 15:53
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 19:48
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:22
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-9-92_25_10
Lab Sample ID: 310-317647-10

Date Collected: 10/08/25 11:35
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 16:15
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 20:10
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:24
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-11_25_10
Lab Sample ID: 310-317647-11

Date Collected: 10/08/25 12:35
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 16:37
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 20:33
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:27
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-15-10R_25_10
Lab Sample ID: 310-317647-12

Date Collected: 10/08/25 09:50
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 16:59
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 20:56

Client Sample ID: MW-15-10R_25_10
Lab Sample ID: 310-317647-12

Date Collected: 10/08/25 09:50
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 13:38
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:16
Total/NA	Analysis	8081B		1	470949	BW2O	EET CF	10/22/25 14:55
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 21:46
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:30
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:09
Total/NA	Prep	9030B			838147	TR	EET CHI	10/14/25 13:37 - 10/14/25 13:38 [1]
Total/NA	Analysis	9034		1	838148	TR	EET CHI	10/14/25 14:28 - 10/14/25 14:36 [1]
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-16-03_25_10
Lab Sample ID: 310-317647-13

Date Collected: 10/07/25 16:20
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 18:05
Total/NA	Analysis	8260D		1	469633	WSE8	EET CF	10/10/25 21:18
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 14:05
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:18
Total/NA	Analysis	8081B		1	470949	BW2O	EET CF	10/22/25 15:09
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 22:21
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:32
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:11
Total/NA	Prep	9030B			837737	CLB	EET CHI	10/12/25 18:06 - 10/12/25 18:10 [1]
Total/NA	Analysis	9034		1	837738	CLB	EET CHI	10/13/25 01:53 - 10/13/25 02:03 [1]
Total/NA	Analysis	I-3765-85		1	469566	DGU1	EET CF	10/10/25 04:45

Client Sample ID: MW-20-03_25_10
Lab Sample ID: 310-317647-14

Date Collected: 10/07/25 14:25
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469635	WSE8	EET CF	10/11/25 05:35
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 14:31

Client Sample ID: MW-20-03_25_10
Lab Sample ID: 310-317647-14

Date Collected: 10/07/25 14:25
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:18
Total/NA	Analysis	8081B		1	470949	BW2O	EET CF	10/22/25 15:23
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 22:39
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:35
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:13
Total/NA	Prep	9030B			837737	CLB	EET CHI	10/12/25 18:10 - 10/12/25 18:13 [1]
Total/NA	Analysis	9034		1	837738	CLB	EET CHI	10/13/25 02:03 - 10/13/25 02:13 [1]
Total/NA	Analysis	I-3765-85		1	469566	DGU1	EET CF	10/10/25 04:45

Client Sample ID: MW-22A-03_25_10
Lab Sample ID: 310-317647-15

Date Collected: 10/07/25 15:25
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 12:43
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 14:58
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:18
Total/NA	Analysis	8081B		1	470949	BW2O	EET CF	10/22/25 15:37
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 22:57
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:37
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:15
Total/NA	Prep	9030B			837737	CLB	EET CHI	10/12/25 18:20 - 10/12/25 18:23 [1]
Total/NA	Analysis	9034		1	837738	CLB	EET CHI	10/13/25 02:34 - 10/13/25 02:44 [1]
Total/NA	Analysis	I-3765-85		1	469566	DGU1	EET CF	10/10/25 04:45

Client Sample ID: MW-23-03_25_10
Lab Sample ID: 310-317647-16

Date Collected: 10/07/25 16:20
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 13:05
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 15:24
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:18
Total/NA	Analysis	8081B		1	470949	BW2O	EET CF	10/22/25 15:51
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 23:14

Client Sample ID: MW-23-03_25_10
Lab Sample ID: 310-317647-16

Date Collected: 10/07/25 16:20
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:42
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:17
Total/NA	Prep	9030B			837737	CLB	EET CHI	10/12/25 18:23 - 10/12/25 18:26 [1]
Total/NA	Analysis	9034		1	837738	CLB	EET CHI	10/13/25 02:44 - 10/13/25 02:54 [1]
Total/NA	Analysis	I-3765-85		1	469566	DGU1	EET CF	10/10/25 04:45

Client Sample ID: MW-101A-12_25_10
Lab Sample ID: 310-317647-17

Date Collected: 10/08/25 15:05
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 19:06
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 15:51
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:45
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-101B_25_10
Lab Sample ID: 310-317647-18

Date Collected: 10/08/25 15:46
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 13:28

Client Sample ID: MW-102A-12_25_10
Lab Sample ID: 310-317647-19

Date Collected: 10/08/25 16:35
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 13:50
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 16:17
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:53
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:19
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-103A-12_25_10
Lab Sample ID: 310-317647-20

Date Collected: 10/08/25 17:15
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 14:13
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 23:32
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:55
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-104A-12_25_10
Lab Sample ID: 310-317647-21

Date Collected: 10/08/25 12:15
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 14:35
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 15:58
Total/NA	Prep	9030B			838147	TR	EET CHI	10/14/25 13:38 - 10/14/25 13:38 [1]
Total/NA	Analysis	9034		1	838148	TR	EET CHI	10/14/25 14:36 - 10/14/25 14:44 [1]
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-105A-12_25_10
Lab Sample ID: 310-317647-22

Date Collected: 10/08/25 11:00
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 14:58
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 16:00
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: MW-106A-12_25_10
Lab Sample ID: 310-317647-23

Date Collected: 10/07/25 17:20
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 15:21
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 16:44
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:18
Total/NA	Analysis	8081B		1	470949	BW2O	EET CF	10/22/25 16:05
Total/NA	Prep	8151A			838079	CI	EET CHI	10/14/25 10:11
Total/NA	Analysis	8151A		1	838190	H7CM	EET CHI	10/14/25 23:49
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 16:03
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:22

Client Sample ID: MW-106A-12_25_10
Lab Sample ID: 310-317647-23

Date Collected: 10/07/25 17:20
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9030B			837737	CLB	EET CHI	10/12/25 18:26 - 10/12/25 18:30 [1]
Total/NA	Analysis	9034		1	837738	CLB	EET CHI	10/13/25 02:54 - 10/13/25 03:05 [1]
Total/NA	Analysis	I-3765-85		1	469566	DGU1	EET CF	10/10/25 04:45

Client Sample ID: MW-107A_25_10
Lab Sample ID: 310-317647-24

Date Collected: 10/08/25 13:20
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 15:43
Total/NA	Prep	3005A			470216	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471187	NFT2	EET CF	10/23/25 16:05
Total/NA	Analysis	I-3765-85		1	469910	HE7K	EET CF	10/13/25 15:41

Client Sample ID: MW-108A_25_10
Lab Sample ID: 310-317647-25

Date Collected: 10/08/25 14:10
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469972	WSE8	EET CF	10/14/25 16:06
Total/NA	Prep	3005A			470217	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471053	NFT2	EET CF	10/22/25 16:47
Total/NA	Analysis	I-3765-85		1	469569	DGU1	EET CF	10/10/25 05:52

Client Sample ID: FD-1_25_10
Lab Sample ID: 310-317647-26

Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469975	WSE8	EET CF	10/15/25 00:22
Total/NA	Prep	3005A			470217	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471053	NFT2	EET CF	10/22/25 17:04
Total/NA	Analysis	I-3765-85		1	469910	HE7K	EET CF	10/13/25 15:41

Client Sample ID: FD-2_25_10
Lab Sample ID: 310-317647-27

Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469975	WSE8	EET CF	10/15/25 00:45
Total/NA	Prep	3005A			470217	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471053	NFT2	EET CF	10/22/25 17:07
Total/NA	Analysis	I-3765-85		1	469910	HE7K	EET CF	10/13/25 15:41

Client Sample ID: FD-3_25_10
Lab Sample ID: 310-317647-28

Date Collected: 10/08/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469975	WSE8	EET CF	10/15/25 01:07
Total/NA	Prep	3005A			470217	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471053	NFT2	EET CF	10/22/25 17:10
Total/NA	Analysis	I-3765-85		1	469910	HE7K	EET CF	10/13/25 15:41

Client Sample ID: FB-1_25_10
Lab Sample ID: 310-317647-29

Date Collected: 10/08/25 11:05
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469635	WSE8	EET CF	10/11/25 04:04
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 17:10
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:18
Total/NA	Analysis	8081B		1	470949	BW2O	EET CF	10/22/25 16:20
Total/NA	Prep	8151A			838209	CI	EET CHI	10/15/25 07:31
Total/NA	Analysis	8151A		1	838385	H7CM	EET CHI	10/15/25 18:57
Total/NA	Prep	3005A			470217	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471053	NFT2	EET CF	10/22/25 17:13
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:24
Total/NA	Prep	9030B			838147	TR	EET CHI	10/14/25 13:38 - 10/14/25 13:38 [1]
Total/NA	Analysis	9034		1	838148	TR	EET CHI	10/14/25 14:44 - 10/14/25 14:52 [1]
Total/NA	Analysis	I-3765-85		1	469910	HE7K	EET CF	10/13/25 15:41

Client Sample ID: FB-2_25_10
Lab Sample ID: 310-317647-30

Date Collected: 10/09/25 09:20
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469635	WSE8	EET CF	10/11/25 04:26
Total/NA	Prep	3510C			469845	J5BR	EET CF	10/13/25 11:06
Total/NA	Analysis	8270E		1	469984	V7YZ	EET CF	10/14/25 17:37
Total/NA	Prep	3511			470046	BW2O	EET CF	10/14/25 13:18
Total/NA	Analysis	8081B		1	470949	BW2O	EET CF	10/22/25 16:34
Total/NA	Prep	8151A			838209	CI	EET CHI	10/15/25 07:31
Total/NA	Analysis	8151A		1	838385	H7CM	EET CHI	10/15/25 19:15
Total/NA	Prep	3005A			470217	RLT9	EET CF	10/16/25 08:30
Total/NA	Analysis	6020B		1	471053	NFT2	EET CF	10/22/25 17:16
Total/NA	Prep	7470A			470677	RLT9	EET CF	10/20/25 13:00
Total/NA	Analysis	7470A		1	470872	RLT9	EET CF	10/21/25 14:26
Total/NA	Prep	9030B			838147	TR	EET CHI	10/14/25 13:38 - 10/14/25 13:39 [1]
Total/NA	Analysis	9034		1	838148	TR	EET CHI	10/14/25 14:52 - 10/14/25 15:00 [1]
Total/NA	Analysis	I-3765-85		1	470022	HE7K	EET CF	10/14/25 11:18

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Client Sample ID: TB-1_25_10
Lab Sample ID: 310-317647-31
Date Collected: 10/09/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	470158	WSE8	EET CF	10/15/25 12:36

Client Sample ID: TB-2_25_10
Lab Sample ID: 310-317647-32
Date Collected: 10/09/25 00:00
Matrix: Water
Date Received: 10/09/25 11:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	469635	WSE8	EET CF	10/11/25 05:12

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8151A	8151A	Water	2,4,5-T

Method Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317647-1
Project/Site: Landfill of North Iowa Groundwater

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CF
8081B	Organochlorine Pesticides (GC)	SW846	EET CF
8151A	Herbicides (GC)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CF
8151A	Extraction (Herbicides)	SW846	EET CHI
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

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310-317647 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth

City/State: CITY Cedar Rapids STATE IA | Project

Receipt Information

Date/Time Received: DATE 10/09/25 TIME 1240 | Received By ES

Delivery Type. ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other _____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 1 of 9

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes.* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE

Thermometer ID R | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.1 | Corrected Temp (°C) 1.1

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C)		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

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Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth

City/State: CITY Cedar Rapids | STATE IA | Project:

Receipt Information

Date/Time Received: DATE 10/09/25 | TIME 1240 | Received By: ES

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other _____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes* Cooler ID:

Multiple Coolers? ☒ Yes ☐ No *If yes.* Cooler # 2 of 9

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes* Which VOA samples are in cooler? ↓

MW-103A-12-25-10, MW-103A-12-25-10, FD-3-25-10, MW-3-89-25-10

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE

Thermometer ID: R | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.9 | Corrected Temp (°C): 0.9

• **Sample Container Temperature**

Container(s) used:	CONTAINER 1	CONTAINER 2
Uncorrected Temp (°C)		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

TB-2-25-10 ES

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Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Fath

City/State: CITY Cedar Rapids | STATE IA | Project

Receipt Information

Date/Time Received: DATE 10/09/25 | TIME 1240 | Received By: ES

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other._____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes* Cooler ID

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 3 of 9

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes.* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other_____ ☐ NONE

Thermometer ID: R | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.9 | Corrected Temp (°C) 0.9

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used		
Uncorrected Temp (°C)		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

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Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth

City/State: CITY Cedar Rapids | STATE IA | Project

Receipt Information

Date/Time Received | DATE 10/09/25 | TIME 1240 | Received By: ES

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other _____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 4 of 9

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE

Thermometer ID: R | Correction Factor (°C): 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 2.0 | Corrected Temp (°C) 2.0

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C).		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

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Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth

City/State: CITY | STATE | Project

Receipt Information

Date/Time Received: DATE 10/9/25 | TIME 1240 | Received By

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes*· Cooler ID

Multiple Coolers? ☒ Yes ☐ No *If yes.* Cooler # 5 of 8

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes*· Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes*· Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes.* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID· AA | Correction Factor (°C): +0.0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C). 2.4 | Corrected Temp (°C)· 2.4

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C).		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

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Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Toth

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 10/9/25 | TIME 1240 | Received By: r

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 6 of 9

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes* Which VOA samples are in cooler? ↓

4A, 5, FB-02, 8A, TB-1

Temperature Record

Coolant. ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: AA | Correction Factor (°C): +0.0

• **Temp Blank Temperature** – *If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature*

Uncorrected Temp (°C): 0.7 | Corrected Temp (°C): 0.7

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used		
Uncorrected Temp (°C)		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

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Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth

City/State. CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 10/9/25 | TIME 1240 | Received By.

Delivery Type. ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes* Cooler ID

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 9 of 9

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

2 sets (4) trip blanks (TB-3)(TB-4) no ice or any other containers

Temperature Record

Coolant: ☐ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: AA | Correction Factor (°C): +0.0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C). | Corrected Temp (°C)

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C).		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client:

City/State | CITY | STATE | Project:

Receipt Information

Date/Time Received. | DATE 10/9/25 | TIME 1240 | Received By

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes.* Cooler ID.

Multiple Coolers? ☒ Yes ☐ No *If yes* Cooler # 8 of 9

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID: RA | Correction Factor (°C): +0.0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.1 | Corrected Temp (°C): 1.1

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C).		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client:

City/State. CITY STATE Project:

Receipt Information

Date/Time Received. DATE 10/9/25 TIME 1240 Received By. L

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID

Multiple Coolers? ☒ Yes ☐ No *If yes.* Cooler # 8 of 9

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other _____ ☐ NONE

Thermometer ID: AA Correction Factor (°C): +0.0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 2.3 Corrected Temp (°C): 2.3

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used.		
Uncorrected Temp (°C)		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 1 of 3 | **COC Number: 1-3865545471-072425-835468**

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To:	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: Landfill of North Iowa Groundwater	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz
hannah.dubbs@foth.com	Task #: 25L005_25_10	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: IA Appendix I List	TSS	Dichlorodifluoromethane	Bis(2-ethylhexyl)phalate	Methoxychlor	2,4,5-T	2,4,5-TP (Silvex)	Mercury	Sulfide	IA App. I VOCs	Arsenic (Total)	Barium (Total)	Filtered (Y/N)	REMARKS / Lab ID
							N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
1	GUA-1-2_25_10	GUA-1-2	WG	G	10/8/25	10:30	8	4		1	3				X	X												
2	MW-1-89_25_10	MW-1-89	WG	G	10/8	11:55	8	4		1	3				X	X												
3	MW-2A-89_25_10	MW-2A-89	WG	G	10/8	17:20	9	4		1	3	1			X	X							X					
4	MW-3-89_25_10	MW-3-89	WG	G	10/8	16:30	8	4		1	3				X	X												
5	MW-4A-89_25_10	MW-4A-89	WG	G	10/8	14:10	8	4		1	3				X	X												
6	MW-4B-89_25_10	MW-4B-89	WG	G	10/8	15:15	15	10		1	3	1			X	X			X		X		X					
7	MW-5-89_25_10	MW-5-89	WG	G	10/8	13:30	10	6		1	3				X	X				X								
8	MW-6-89_25_10	MW-6-89	WG	G	10/7/25	17:30	8	4		1	3				X	X												
9	MW-8A-89_25_10	MW-8A-89	WG	G	10/9/25	9:15	8	4		1	3				X	X												
10	MW-9-92_25_10	MW-9-92	WG	G	10/8	11:35	8	4		1	3				X	X												
11	MW-11_25_10	MW-11	WG	G	10/8	12:35	8	4		1	3					X								X	X	X		
12	MW-15-10R_25_10	MW-15-10R	WG	G	10/8	9:50	21	16		1	3	1			X	X	X	X	X	X	X	X	X					

SHIPMENT METHOD	AIRBILL NO	SHIPPING DATE	NO OF COOLERS

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tyler Merritt	10/9	12:30		10/9	1240

SAMPLE CONDITION:	
Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Merritt

SIGNATURE of SAMPLER: Tyler Merritt

DATE Signed: 10/9/25

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10/24/2025

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 2 of 3 | **COC Number:** 1-3865545471-072425-835468

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To:	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005.00
Phone: (319) 365-9565	P O.		Profile #:
Email Addresses:	Project Name: Landfill of North Iowa Groundwater	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz
	Task #: 25L005_25_10	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: IA Appendix I List	TSS	Dichlorodifluoromethane	Bis(2-ethylhexyl)phalate	Methoxychlor	2,4,5-T	2,4,5-TP (Silvex)	Mercury	Sulfide	IA App. I VOCs	Arsenic (Total)	Barium (Total)	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N	N	N	N	N	N	N		
13	MW-16-03_25_10	MW-16-03	WG	G	10/7/25	16:20	21	16		1	3	1			X	X	X	X	X	X	X	X	X					
14	MW-20-03_25_10	MW-20-03	WG	G	10/7	14:25	21	16		1	3	1			X	X	X	X	X	X	X	X	X					
15	MW-22A-03_25_10	MW-22A-03	WG	G	10/7	15:25	21	16		1	3	1			X	X	X	X	X	X	X	X	X					
16	MW-23-03_25_10	MW-23-03	WG	G	10/7	16:20	21	16		1	3	1			X	X	X	X	X	X	X	X	X					
17	MW-101A-12_25_10	MW-101A-12	WG	G	10/8/25	15:05	10	6		1	3				X	X	X	X										
18	MW-101B_25_10	MW-101B	WG	G	10/8	15:40	6	3			3													X				
19	MW-102A-12_25_10	MW-102A-12	WG	G	10/8	16:35	10	6		1	3				X	X		X				X						
20	MW-103A-12_25_10	MW-103A-12	WG	G	10/8	17:15	10	6		1	3				X	X				X								
21	MW-104A-12_25_10	MW-104A-12	WG	G	10/8	12:15	9	4		1	3	1			X	X							X					
22	MW-105A-12_25_10	MW-105A-12	WG	G	10/8	11:00	8	4		1	3				X	X												
23	MW-106A-12_25_10	MW-106A-12	WG	G	10/7	17:20	21	16		1	3	1			X	X	X	X	X	X	X	X	X					
24	MW-107A_25_10	MW-107A	WG	G	10/8	13:20	8	4		1	3					X								X	X	X		

Need TSS Checked

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS

ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Tyler Merritt	10/9/25	12:37		10/9	1200

SAMPLE CONDITION:

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Valid Matrix Codes

Matrix	Code
Soil	SO
Sediment	SE
Surface Water	WS
Wastewater	WW
Groundwater	WG
Ambient Air	AA
Other	X

Additional Comments.

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Merritt

SIGNATURE of SAMPLER: Tyler Merritt

DATE Signed: 10/9/25

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10/24/2025

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 3 **COC Number:** 1-3865545471-072425-835468

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To:	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses:	Project Name: Landfill of North Iowa Groundwater	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz
	Task #: 25L005_25_10	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: IA Appendix I List	TSS	Dichlorodifluoromethane	Bis(2-ethylhexyl)phalate	Methoxychlor	2,4,5-T	2,4,5-TP (Silvex)	Mercury	Sulfide	IA App. I VOCs	Arsenic (Total)	Barium (Total)	Barium (Total)	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N	N	N	N	N	N	N	N	N	
25	MW-108A_25_10	MW-108A	WG	G	10/8	14:10	8	4		1	3					X								X	X	X			
26	FD-1_25_10		WG	G	10/8	—	8	4		1	3				X	X													
27	FD-2_25_10		WG	G	10/8	—	8	4		1	3				X	X													
28	FD-3_25_10		WG	G	10/8	—	8	4		1	3				X	X													
29	FB-1_25_10	FB-1	WQ	G	10/8	11:05	21	16		1	3	1			X	X	X	X	X	X	X	X	X						
30	FB-2_25_10	FB-2	WQ	G	10/9/25	9:20	21	16		1	3	1			X	X	X	X	X	X	X	X	X						
31	TB-1_25_10	Trip Blank	WQ	G	—	—	4	2			2													X					
32	TB-2_25_10	Trip Blank	WQ	G	—	—	4	2			2													X					
33	TB-3_25_10	Trip Blank	WQ	G																				X					Do Not Analyze
34	TB-4_25_10	Trip Blank	WQ	G																				X					Do Not Analyze
35																													
36																													

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Tyler Merritt	10/9/25	12:35		10/9	124

SAMPLE CONDITION:

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Merritt

SIGNATURE of SAMPLER: Tyler Merritt

DATE Signed: 10/9/25

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10/24/2025

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone 319 277 2401 Fax 319 277 2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM	Carrier Tracking No(s)	COC No
	N/A	Calhoun Conner M	N/A	310-87734 2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner Calhoun@et eurofinsus com	State of Origin: Iowa	Page: Page 2 of 2
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Program - Iowa		Job #: 310-317647-1
Address: 18410 Crossing Drive Suite E	Due Date Requested: 10/28/2025			
City: Tinley Park	TAT Requested (days): N/A			
State Zip: IL, 60487				
Phone: 708 534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Landfill of North Iowa Groundwater	Project #: 31006450			
Site: N/A	SSOW#: N/A			

310-317647 COC

Analysis Requested

Preservation Codes

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9034_Calc/9030BSulfide SUB TA Chicago	8151A/8151A_AP_LVI(MOD) Custom Analyte List	Total Number of containers	Special Instructions/Note
			Preservation Code							
MW 104A-12_25_10 (310-317647-21)	10/8/25	12 15 Central	G	Water			X		1	
MW-106A-12_25_10 (310 317647-23)	10/7/25	17 20 Central	G	Water			X	X	3	
FB 1_25_10 (310-317647 29)	10/8/25	11 05 Central	G	Water			X	X	3	
FB 2_25_10 (310-317647-30)	10/9/25	09 20 Central	G	Water			X	X	3	

Note Since laboratory accreditations are subject to change Eurofins Environment Testing North Central LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing North Central LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing North Central LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	10/9/25 1615		[signature]	10/10/25 0925	EETA
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
☐ Yes ☐ No		3.7-729, 0.1-201

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone 319-277-2401 Fax 319 277 2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun Conner M	Carrier Tracking No(s): N/A	COC No: 310-87734 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner Calhoun@et eurofinsus com	State of Origin: Iowa	Page: Page 1 of 2
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Program - Iowa		Job #: 310 317647-1
Address: 18410 Crossing Drive Suite E	Due Date Requested: 10/28/2025			
City: Tinley Park	TAT Requested (days): N/A			
State Zip: IL 60487				
Phone: 708-534 5200(Tel) 708 534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Landfill of North Iowa Groundwater	Project #: 31006450			
Site: N/A	SSOW#: N/A			

310-317647 COC

Analysis Requested

Preservation Codes

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9034_Calc/9030BSulfide, SUB TA Chicago	8151A/8151A_AP_LVI(MOD) Custom Analyte List	Total Number of containers	Special Instructions/Note
			Preservation Code							
MW-2A-89_25_10 (310-317647-3)	10/8/25	17 20 Central	G	Water			X		1	
MW-4B-89_25_10 (310-317647-6)	10/8/25	15 15 Central	G	Water			X	X	3	
MW 5-89_25_10 (310-317647-7)	10/8/25	13 30 Central	G	Water				X	2	
MW 15-10R_25_10 (310-317647-12)	10/8/25	09 50 Central	G	Water			X	X	3	
MW-16-03_25_10 (310-317647-13)	10/7/25	16 20 Central	G	Water			X	X	3	
MW-20-03_25_10 (310-317647-14)	10/7/25	14 25 Central	G	Water			X	X	3	
MW-22A-03_25_10 (310-317647 15)	10/7/25	15 25 Central	G	Water			X	X	3	
MW 23-03_25_10 (310-317647-16)	10/7/25	16 20 Central	G	Water			X	X	1	
MW 103A 12_25_10 (310-317647 20)	10/8/25	17 15 Central	G	Water				X	2	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing North Central LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing North Central LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing North Central LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment.

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	10/9/25 1615		[signature]	10/10/25 0925	EET
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
Δ Yes Δ No		1) →2.9, 0.1 →0.1

V : 10 10 2025

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-317647-1

Login Number: 317647

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Calhoun, Conner M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-317647-1

Login Number: 317647
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 10/10/25 04:30 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9,0.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Data Validation Report

Project Name:	Landfill of North Iowa (25L005.00)
Task Name:	25L005_25_10
Data Set Description:	Fall 2025 Groundwater Event
Laboratory(s):	Eurofins – Cedar Falls, IA; Chicago, IL
Laboratory Sample Delivery Group (SDG) ID(s):	310-317647-1
Sample Collection Dates:	10/7/2025 – 10/9/2025
Sample Analysis Dates:	10/10/2025 – 10/23/2025
Sample Matrices:	Groundwater
Sample IDs Reviewed:	See Table 1
Verification and Validation Stage, 100% data:	☐ 1 ☒ 2A Modified ☐ 2A ☐ 2B ☐ 3 ☐ 4
Verified and Validated By:	Hannah Possehl, Environmental Data Scientist 11/7/2025

The analytical data were validated to verify that laboratory quality assurance and quality control (QA/QC) procedures were documented and to evaluate the overall quality of the data reported. Starting with the Fall 2025 groundwater event, data validation protocols reverted to Stage 2A Modified protocols. Under Stage 2A Modified protocols, matrix spike/matrix spike duplicate, laboratory control sample/laboratory control sample duplicate, and laboratory duplicate results are not evaluated.

The analytical report includes 25 investigative groundwater samples collected via low-flow and grab sampling techniques at the Landfill of North Iowa (LNI) on October 7-9, 2025; samples are listed in Table 1. The data were collected in accordance with the *Hydrologic Monitoring System Plan* (AECOM, 2013), Iowa Department of Natural Resources (IDNR) Sanitary Disposal Permit Number 17-SDP-01-75P (including Revisions), and 567 Iowa Administrative Code (IAC) 113.10.

Validation Summary

Stage 2A Modified data validation was performed on 100% of the data from this Sample Delivery Group (SDG), with review tasks and items of note documented in the summary table below.

Validation Task and Description	Review Notes	Action
Chain of Custody (COC) and Sample Receipt Form Confirm relinquish & receipt signatures. Confirm parameters and analytical methods match COC and Hydrologic Monitoring System Plan (HMSP).	All appropriate relinquish and receipt signatures were present. Parameters and analytical methods match the COC and HMSP. Eurofins inadvertently entered the incorrect sample time of 15:46 for MW-101B_25_10. The COC and field sampling forms indicated the time was 15:40. Foth did not request a revised report. The sample time will be corrected in the laboratory electronic data deliverable (EDD) prior to data upload. Trip blanks TB-3_25_10 and TB-4_25_10 were provided by the lab but were not analyzed. Only one shipment of volatile samples occurred during the Fall 2025 sampling event.	Not applicable Sample time will be updated in the lab EDD prior to data upload Not applicable

Validation Task and Description	Review Notes	Action
Case Narrative Review for items noted by the laboratory that may impact the validation process.	The case narrative indicated two 250 milliliter (mL) amber glass sample containers were missing for MW-23-03_25_10. Eurofins was able to analyze all requested parameters for MW-23-03_25_10 using the remaining sample containers provided. No action is required. The case narrative indicated that volatile organic analysis (VOA) vials for TB-1_25_10 and TB-2_25_10 were analyzed with headspace. According to the *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020b) for volatile organic compounds (VOCs), proper preservation includes the absence of headspace. Professional judgment was utilized to not assign qualifiers since the potentially impacted samples were trip blanks. The remaining quality control issues noted in the case narrative were reviewed and found acceptable. Issues either were addressed in the Review Notes below, had no impact on investigative samples, or were corrected/qualified by the laboratory. No additional actions are required. Note: continuing calibration verification (CCV), internal calibration verification (ICV), matrix spike/matrix spike duplicate (MS/MSD), laboratory control sample/laboratory control sample duplicate (LCS/LCSD), and laboratory duplicate evaluations are not part of Stage 2A Modified validation.	No action required No qualifiers assigned Not applicable
Sample Condition Upon Receipt (SCUR) Confirm samples in acceptable condition and no discrepancies noted. Confirm preservation meets method requirements.	Samples were received by Eurofins – Cedar Falls, IA in acceptable conditions. In addition, the herbicide and sulfide sample shipment from Eurofins – Cedar Falls, IA to Eurofins – Chicago, IL was received in acceptable conditions.	Not applicable
Methods Requested Confirm methods match project requirements and lab provided all methods ordered.	The methods ordered and analyzed were performed in accordance with the project requirements. Methods include United States Environmental Protection Agency (USEPA) 8260D VOCs, USEPA 8270E Semivolatile Organic Compounds (SVOCs), USEPA 8081B Organochlorine Pesticides, USEPA 8151A Herbicides, USEPA 6020B Total Metals, USEPA 7470A Mercury, USEPA 9034 Sulfide, and United States Geological Survey (USGS) I-3765-85 Total Suspended Solids (TSS).	Not applicable
Analytes Requested Confirm analytes ordered match project requirements and lab provided all analytes ordered.	The analytes requested were analyzed in accordance with the project requirements. The laboratory provided all analytes ordered.	Not applicable
Holding Times Confirm laboratory performed extractions and analyses within method-required holding times.	Eurofins performed extractions and analyses within the method-required holding times.	Not applicable

Validation Task and Description	Review Notes	Action
Blanks Confirm no detections in laboratory method blanks, field blanks, and trip blanks.	Table 3 presents analytes detected in the method and field blanks. No detections were found in the trip blanks. Sulfide was detected in method blank MB 500-837737/1-A at a concentration of 0.4636 J milligrams per liter (mg/L). Qualifiers were not assigned since the investigative sample results from the same prep batch were non-detect. Toluene was detected in field blank FB-1_25_10 at a concentration of 0.665 J micrograms per liter (ug/L). In accordance with the *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020b) for VOCs, when the blank contamination concentration is J-flagged, associated non-detect results are not qualified.	No qualifiers assigned No qualifiers assigned
Surrogates or Deuterated Monitoring Compounds For *organic analyses only*, confirm surrogates analyzed and surrogate recovery within QC limits.	Table 4 is intended to present surrogate recoveries that were outside the control limits. Surrogate recoveries were within control limits.	Not applicable
Field Duplicates Confirm field duplicates collected at required frequency and field duplicate relative percent difference (RPD) within acceptable limits.	Field duplicate samples were collected at a 1 per 10 frequency in accordance with the project requirements. Table 5 contains the precision evaluation of the parent/field duplicate samples. Qualifiers are assigned in Table 6. The RPD for TSS between MW-107A_25_10 and FD-2_25_10 exceeded the RPD limit. In accordance with the Data Verification, Validation, and Qualification Standard Operating Procedure (SOP), when the RPD limit is exceeded, detects are qualified J. The RPDs between the remaining investigative and field duplicate samples were within the duplicate sample validation criteria.	Qualifiers assigned Not applicable

Abbreviations:
CCV = continuing calibration verification
COC = chain of custody
EDD = electronic data deliverable
HMSP = Hydrologic Monitoring System Plan
ICV = internal calibration verification
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
mg/L = milligrams per liter
mL = milliliter
MS = matrix spike
MSD = matrix spike duplicate
QC = quality control
RPD = relative percent difference
SCUR = Sample Condition Upon Receipt
SDG = sample delivery group
SOP = standard operating procedure
SVOC = semivolatile organic compound
TSS = total suspended solids
ug/L = micrograms per liter
USEPA = United States Environmental Protection Agency
USGS = United States Geological Survey

Abbreviations Continued:
VOA = volatile organic analysis
VOC = volatile organic compound

Overall Assessment of Data

Item	Acceptable		Comments
	Yes	No	
1. Method Criteria	X		Samples were collected, preserved, shipped/delivered, and analyzed within the method protocols. VOC analysis for trip blanks TB-1_25_10 and TB-2_25_10 were analyzed with headspace, indicating potential low bias. Professional judgment was utilized to not assign qualifiers since trip blanks are QA/QC samples.
2. Precision	X		Field precision was evaluated through investigative and field duplicate RPDs. The RPDs between the investigative and field duplicate samples were within the duplicate sample validation criteria, except for TSS between MW-107A_25_10 and FD-2_25_10.
3. Accuracy	X		Accuracy was evaluated through surrogate recovery. As listed in Table 4, surrogate recoveries were within the control limits.
4. Representativeness	X		Sampling was conducted in accordance with the sample collection procedures described in the approved HMSP, approved HMSP revisions, and SOPs.
5. Comparability	X		Collection techniques, measurement procedures, methods, and reporting were equivalent to currently approved procedures and are comparable to historical data.
6. Completeness	X		Valid analytical results exceeded 90%.
7. Suitability for Intended Use	X		No evidence of gross contamination or significant issues with the method criteria, precision, accuracy, representativeness, comparability, or completeness were identified.

Overall, the data reported are of good quality and the results for the QA/QC measurements that were used by the laboratories during the analysis of the samples were generally acceptable. Some sample results required qualification during data validation because method-specific QA/QC criteria were not met; results may be qualified for more than one reason. Qualified data are usable (unless qualified as rejected [R]), represent data of good quality and reasonable confidence, and have an acceptable degree of uncertainty (i.e., may be less precise or less accurate than unqualified data). Table 2 provides a definition of the qualifiers that may be assigned by the validator and/or retained from the laboratory. A summary of the validation qualifiers is provided below.

- No results were qualified as biased low (assigned as J- qualifiers), biased high (assigned as J+ qualifiers), non-detect at a concentration less than the reporting limit (assigned as U), non-detect with the reporting limit an estimated value (UJ), presumptive evidence of presence of an analyte (assigned as N or NJ qualifiers), and not usable and rejected (assigned as R qualifier).
- Two results (0.1%) were qualified as estimated (assigned as J).
- 99.99% of the reported data is usable for project data quality objectives.

Attachment 1

Tables

Table 1
Sample IDs Reviewed

Project Sample ID	Analyzed Lab Sample ID	Project Sample ID Matches Lab Client Sample ID	Lab Sample Date/Time Match COC/Logbook	Parameters and Analytical Methods Match COC	Within Hold Times	Sample Type
GUA-1-2_25_10	310-317647-1	Yes	Yes	Yes	Yes	Normal
MW-1-89_25_10	310-317647-2	Yes	Yes	Yes	Yes	Normal
MW-2A-89_25_10	310-317647-3	Yes	Yes	Yes	Yes	Normal
MW-3-89_25_10	310-317647-4	Yes	Yes	Yes	Yes	Normal
MW-4A-89_25_10	310-317647-5	Yes	Yes	Yes	Yes	Normal
MW-4B-89_25_10	310-317647-6	Yes	Yes	Yes	Yes	Normal
MW-5-89_25_10	310-317647-7	Yes	Yes	Yes	Yes	Normal
MW-6-89_25_10	310-317647-8	Yes	Yes	Yes	Yes	Normal
MW-8A-89_25_10	310-317647-9	Yes	Yes	Yes	Yes	Normal
MW-9-92_25_10	310-317647-10	Yes	Yes	Yes	Yes	Normal
MW-11_25_10	310-317647-11	Yes	Yes	Yes	Yes	Normal
MW-15-10R_25_10	310-317647-12	Yes	Yes	Yes	Yes	Normal
MW-16-03_25_10	310-317647-13	Yes	Yes	Yes	Yes	Normal
MW-20-03_25_10	310-317647-14	Yes	Yes	Yes	Yes	Normal
MW-22A-03_25_10	310-317647-15	Yes	Yes	Yes	Yes	Normal
MW-23-03_25_10	310-317647-16	Yes	Yes	Yes	Yes	Normal
MW-101A-12_25_10	310-317647-17	Yes	Yes	Yes	Yes	Normal
MW-101B_25_10	310-317647-18	Yes	**No**	Yes	Yes	Normal
MW-102A-12_25_10	310-317647-19	Yes	Yes	Yes	Yes	Normal
MW-103A-12_25_10	310-317647-20	Yes	Yes	Yes	Yes	Normal
MW-104A-12_25_10	310-317647-21	Yes	Yes	Yes	Yes	Normal
MW-105A-12_25_10	310-317647-22	Yes	Yes	Yes	Yes	Normal
MW-106A-12_25_10	310-317647-23	Yes	Yes	Yes	Yes	Normal
MW-107A_25_10	310-317647-24	Yes	Yes	Yes	Yes	Normal
MW-108A_25_10	310-317647-25	Yes	Yes	Yes	Yes	Normal
FD-1_25_10	310-317647-26	Yes	Yes	Yes	Yes	FD
FD-2_25_10	310-317647-27	Yes	Yes	Yes	Yes	FD
FD-3_25_10	310-317647-28	Yes	Yes	Yes	Yes	FD
FB-1_25_10	310-317647-29	Yes	Yes	Yes	Yes	FB
FB-2_25_10	310-317647-30	Yes	Yes	Yes	Yes	FB
TB-1_25_10	310-317647-31	Yes	Yes	Yes	Yes	TB
TB-2_25_10	310-317647-32	Yes	Yes	Yes	Yes	TB

Notes:
COC = chain of custody
FB = field blank
FD = field duplicate
TB = trip blank

Table 2
Explanation of Qualifiers

Qualifier	Explanation
U	The analyte was analyzed for and was not detected above the numerical quantitation limit.
J	The analyte was analyzed for and was positively identified, but the analytical result (i.e., quantitation) is an estimated value. In some cases it is recognized that the estimated value is biased high (J+) suggesting the actual value is lower than estimated; or biased low (J-) suggesting the actual value is higher than estimated.
UJ	The analyte was analyzed for and was not detected above the reporting limit, but the reporting limit is an estimated value.
R	The analyte was analyzed for but may or may not be present and/or quantifiable due to quality control issues. The analytical result is not usable and should be rejected.
N	The analysis indicates presumptive evidence of the presence of the analyte.
NJ	The analysis indicates presumptive evidence of the presence of the analyte, but the numerical value is an estimated quantity.

Notes:
Results qualified as "J" or "UJ" are of acceptable data quality and may be used quantitatively per United States Environmental Protection Agency guidelines.

Table 3
Method, Field, and Trip Blank Exceedances

Lab Report	Blank Type	Lab Sample ID	Client Sample ID	Analysis Batch	Prep Batch	Parameter	Result	Units	Lab Qualifier	MDL	PQL	Associated Samples
310-317647-1	Method	MB 500-837737/1-A	N/A	837738	837737	Sulfide	0.4636	mg/L	J	0.231	1.00	MW-16-03_25_10, MW-20-03_25_10, MW-22A-03_25_10, MW-23-03_25_10, MW-106A-12_25_10
310-317647-1	FB	310-317647-29	FB-1_25_10	469635	N/A	Toluene	0.665	ug/L	J	0.430	1.00	Investigative and FD samples collected on 10/8/25

Notes:
FB = field blank
FD = field duplicate
MDL - minimum detection limit
mg/L = milligrams per liter
N/A = not applicable
PQL = practical quantitation limit
ug/L = micrograms per liter

Table 4
Surrogate Recovery Exceedances

Lab Sample ID	Parent Sample	Parameter	Surrogate % Recovery	% Recovery Limits
Surrogate recoveries were within control limits for this Sample Delivery Group.				

Notes:
% = percent

Table 5
Relative Percent Difference (RPD) Analysis for Field Duplicate Samples
Appendix I Constituents & TSS

RPD = $\dfrac{\text{absolute value (a - b)}}{\text{(a + b)/2}} \times 100\%$

Acceptance Criteria*: 35%

* Unless otherwise noted in project planning documents, the acceptance criteria for field duplicates RPD is as follows:
- For analytes with concentrations greater than 5x (2x for soil matrices) the reporting limit, the RPD should be within 35% for water matrices (50% for soil matrices).
- For analytes with either or both concentrations less than 5x (2x for soil matrices) the reporting limit (indicated below by "low-level"), the absolute difference between the sample and field duplicate should not exceed 5x the reporting limit.

Duplicate Result Analysis:

Parameter	Unit	Parent	Duplicate Sample	RPD	Acceptable?
		MW-15-10R_25_10	**FD-1_25_10**		
Antimony	mg/L	< 0.00100	J 0.00142	low-level	Yes
Arsenic	mg/L	0.0254	0.0241	5.3%	Yes
Barium	mg/L	0.118	0.112	5.2%	Yes
Cobalt	mg/L	0.00279	0.00273	2.2%	Yes
Nickel	mg/L	0.0136	0.0120	low-level	Yes
Vanadium	mg/L	J 0.00313	< 0.00170	low-level	Yes
Total Suspended Solids	mg/L	11.0	14.7	low-level	Yes
		MW-107A_25_10	**FD-2_25_10**		
Chlorobenzene	ug/L	J 0.523	J 0.536	low-level	Yes
Vinyl Chloride	ug/L	J 0.351	J 0.305	low-level	Yes
Arsenic	mg/L	0.168	0.169	0.6%	Yes
Barium	mg/L	0.563	0.553	1.8%	Yes
Cobalt	mg/L	N/A	0.00589	N/A	N/A
Nickel	mg/L	N/A	0.00584	N/A	N/A
Total Suspended Solids	mg/L	45.5	30.3	40.1%	**No**
		MW-3-89_25_10	**FD-3_25_10**		
Arsenic	mg/L	J 0.000826	J 0.00893	low-level	Yes
Barium	mg/L	0.265	0.283	6.6%	Yes
Cobalt	mg/L	0.000812	0.000915	low-level	Yes
Nickel	mg/L	0.00928	0.0106	low-level	Yes
Vanadium	mg/L	J 0.00210	J 0.00208	low-level	Yes
Total Suspended Solids	mg/L	2.00	2.88	low-level	Yes

Table 6
Qualified Results from Data Validation

Sample ID	Lab Sample ID	Method	Parameter	Result	Lab Qualifier	Units	Qualified Result	Validator Qualifier	Explanation
MW-107A_25_10	310-317647-24	USGS I-3765-85	Total Suspended Solids	45.5		mg/L	45.5	J	RPD for sample and FD results exceeded the RPD limit. Qualified J since the result was >PQL.
FD-2_25_104	310-317647-27	USGS I-3765-85	Total Suspended Solids	30.3		mg/L	30.3	J	RPD for sample and FD results exceeded the RPD limit. Qualified J since the duplicate result was >PQL.

Notes:
This table only lists validator qualified data. Not all laboratory qualified data are listed; only the laboratory qualified data that was validator qualified are included.
FD = field duplicate
mg/L = milligrams per liter
PQL = practical quanititation limit
RPD = relative percent difference
USGS = United States Geological Survey

Attachment 2

References

References

AECOM, 2013. *Hydrologic Monitoring System Plan, Landfill of North Iowa, AECOM #60287129.04*. August 22. [Doc. ID 77938].

United States Environmental Protection (USEPA), 2020a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-542-R-20-006. Office of Superfund Remediation and Technology Innovation, Washington, D.C. Revised November 2020.

USEPA, 2020b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. Office of Superfund Remediation and Technology Innovation, Washington, D.C. Revised November 2020.

Updated Data Validation Standard Operating Procedure

Foth Infrastructure & Environment, LLC

Standard Operating Procedure

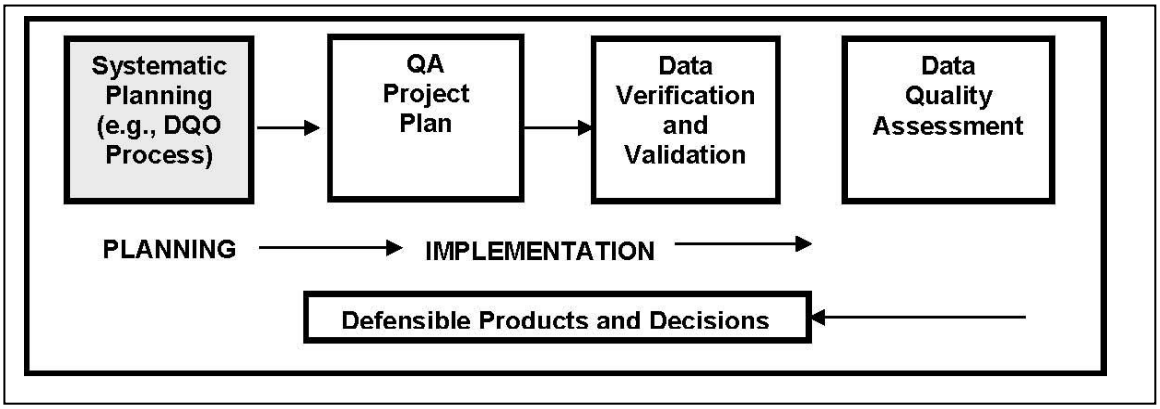
Data Verification, Validation, and Qualification

Introduction

The purpose of this Standard Operating Procedure (SOP) is to establish a procedure for the verification, validation, and qualification of laboratory analytical data. This SOP establishes guidelines for:

1. Reviewing project data quality objectives (DQOs) for environmental projects.
2. Selecting the appropriate stage (e.g., Stage 1, 2A, 2B, 3, 4) of analytical laboratory data verification and validation.
3. Selecting the appropriate level (e.g., Level I, II, III, IV) of analytical laboratory data deliverables for the intended stage of data verification and validation.
4. Performing data qualification.
5. Reporting results and data quality assessment.

This SOP assumes that the DQO process is complete. This SOP can be used during the development of a Quality Assurance Project Plan (QAPP) for specifying data quality procedures, or before, during, and after environmental sampling programs to aid in selection and execution of data quality procedures.



Definitions

Data Review – The process of examining and/or evaluating data to varying levels of detail and specificity. Data review includes verification, validation, and usability assessment.

Verification – Completeness check to confirm that the specified analytical requirements have been met. For this guidance, *data verification* consists of a completeness check to confirm that all data requested from the laboratory have been received and comply with specified requirements.

Validation – Confirmation that the accuracy and quality data requirements are fulfilled for a specific intended use. For this guidance, *data validation* consists of analyte and sample specific process for evaluating compliance of the laboratory data received with methods, procedures, or contract requirements.

References

Data Quality Objectives

United States Environmental Protection Agency (USEPA), 2000. *Guidance for Data Quality Assessment, Practical Methods for Data Analysis*. EPA QA/G-9. Office of Environmental Information, Washington, D.C. July. https://www.epa.gov/sites/production/files/2015-06/documents/g9-final.pdf.

USEPA, 2006. *Guidance on Systemic Planning Using the Data Quality Objectives Process*. EPA QA/G-4. Office of Environmental Information, Washington, D.C. February. https://www.epa.gov/quality/guidance-systematic-planning-using-data-quality-objectives-process-epa-qag-4

USEPA, 2006. *Data Quality Assessment: A Reviewer's Guide*. EPA QA/G-9R. Office of Environmental Information, Washington, D.C. February. https://www.epa.gov/sites/production/files/2015-08/documents/g9r-final.pdf.

USEPA, 2006. *Data Quality Assessment: Statistical Methods for Practitioners*. EPA QA/G-9S. Office of Environmental Information, Washington, D.C. February. https://www.epa.gov/sites/production/files/2015-08/documents/g9s-final.pdf.

Data Verification and Validation

The USEPA Superfund Analytical Services Contract Laboratory Program (USEPA CLP) website includes the most current guidance for analytical laboratory data verification and validation: https://www.epa.gov/clp. Historical guidance for laboratory analytical data verification and validation includes the following documents:

USEPA, 1987. *A Compendium of Superfund Field Operations Methods*. EPA/540/P-87/001. Office of Solid Waste and Emergency Response, Washington, D.C. December.

USEPA, 2002. *Guidance on Environmental Data Verification and Data Validation*. EPA QA/G-8. Office of Environmental Information, Washington, D.C. November. https://www.epa.gov/quality/guidance-environmental-data-verification-and-data-validation.

USEPA, 2009. *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use*. EPA 540-R-08-005. Office of Solid Waste and Emergency Response, Washington, D.C. January 13.

Data Qualification

The USEPA CLP website includes the most current National Functional Guidelines for analytical laboratory data review and qualification data: https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-data-review, and includes the following documents (as of January 2022):

USEPA, 2020. *National Functional Guidelines for Superfund Organic Methods Data Review*. EPA 540-R-20-005. Office of Superfund Remediation and Technology Innovation, Washington D.C. November.

USEPA, 2020. *National Functional Guidelines for Inorganic Superfund Methods Data Review*. EPA 542-R-20-006. Office of Superfund Remediation and Technology Innovation, Washington D.C. November.

USEPA, 2020. *National Functional Guidelines for High Resolution Superfund Methods Data Review*. EPA 542-R-20-007. Office of Superfund Remediation and Technology Innovation, Washington D.C. November.

Personnel Qualifications

None, according to USEPA guidance documents.

Equipment and Supplies

Materials referenced in this SOP include:

- Project planning documents, such as a QAPP, Sampling and Analysis Plan (SAP), Hydrologic Monitoring System Plan (HMSP) or project Work Plan that state project DQOs, including performance and acceptance/usability criteria. This SOP assumes that DQOs for the project have already been established.
- Laboratory hard copy analytical data deliverables.
- Laboratory electronic analytical data deliverables (EDDs).

Procedures

Review Objectives and Determine Stage of Review

1. Review the Project DQOs to ensure understanding of data type, location, quantity, and quality needed to make defensible decisions. The performance and acceptance criteria are established in the project DQOs.
2. Select data verification and validation stage, as established in the project planning document.
    a. Stage 1 – A verification and validation based only on completeness and compliance of sample receipt condition checks. Checks include a comparison of reported results against DQOs (e.g., sample locations, field quality control (QC) samples, analytical methods, analyte counts, units, reporting limits, etc.), method preservation requirements (e.g., temperature, pH, headspace, etc.), assessment of non-QC laboratory qualifiers (e.g., primary sample holding time, primary sample dilution, etc.), and assessment of transcription or reporting errors.
    b. Stage 2A – A verification and validation based on completeness and compliance checks of sample receipt conditions and **ONLY** sample-related QC results. Checks include a review of instrument performance related results such as field QC samples (e.g., TB, FB, EB, FD, etc.) and analytical method QC samples (e.g., MB, LCS/LCSD, MS/MSD, surrogates, etc.). Stage 2A Modified excludes review of laboratory QC results (e.g., LCS/LCSD, MS/MSD, and laboratory duplicates).
    c. Stage 2B – A verification and validation based on completeness and compliance checks of sample receipt conditions and **BOTH** sample-related and instrument-related QC results. Checks include a review of instrument tuning related results such as the number, concentration, and frequency of calibration standards (e.g., initial calibration standards, ICV, ICB, CCV, CCB, etc.), as well the curves, percent recovery/difference, equations, calculations, weighting factors, and/or correlation coefficients as appropriate.
    d. Stage 3 – A verification and validation based on completeness and compliance checks of sample receipt conditions, **BOTH** sample-related and instrument-related QC results, **AND** recalculation checks (to check for computational errors). Stage 3 Validation requires the use of the laboratory reported instrument response data to recalculate calibration windows, analyte retention time, analyte concentration, and instrument performance QC sample recovery (e.g., percent recovery [%R], relative percent difference [RPD], etc.). The results of these recalculations are compared to the results of the laboratory calculations for accuracy.

e. Stage 4 – A verification and validation based on completeness and compliance checks of sample receipt conditions, both sample-related and instrument-related QC results, recalculation checks, **AND** review of the laboratory raw instrument output to check for parameterization errors. Stage 4 Validation requires the use of the laboratory raw instrument output to determine analyte identification and analyte quantitation from analyte-specific characteristics (e.g., column retention time, fluorescence, etc.) expressed as a signal in the raw instrument output. The results of this determination are compared to the laboratory determination for accuracy.

3. Select the level of laboratory analytical data deliverables. The laboratory can provide data at different levels, with each level including increasing amounts of information and detail.

   a. Level I – Cover sheet, case narrative, analytical results, sample receiving log, and Chain of Custody (COC). This report is suitable for meeting Stage 1 data verification and validation.

   b. Level II – Level I plus quality control summaries, QC qualifier legend sample summary, lab certification reports, sample analyte count, QC cross-reference table, transfer log. This report is suitable for meeting Stages 1 and 2A data verification and validation.

   c. Level III – Level II plus calibration data, tuning, and check data. This report is suitable for meeting Stages 1, 2A, and 2B data verification and validation.

   d. Level IV – Level III plus instrument run logs, raw data. This report is suitable for meeting Stages 1, 2A, 2B, 3, and 4 data verification and validation.

Perform Data Verification, Validation, and Qualification

Perform Stage 2A Modified data verification, validation, and qualification following procedures described in current USEPA CLP National Functional Guidelines and outlined below. Additional guidance regarding analyte, method, and/or instrument specific qualification may be found on the USEPA CLP website.

1. Confirm that all investigative and field QC samples planned were collected and received by the laboratory by looking at the field notes, COC, and project planning documents.

2. Verify that sample names and times were documented correctly on the COC, that sample names align with project planning documents, and confirm relinquish & receipt signatures.

3. Review the laboratory report case narrative for items noted by the laboratory that may impact the validation process.

4. Confirm sample receipt at laboratory in acceptable condition and confirm preservation meets method requirements. Any samples analyzed out of preservation requirements should be reviewed for potential bias.

5. Confirm that analytes and methods match the project planning documents and that the laboratory provided all analytes and methods ordered.

6. Confirm laboratory performed extractions and analyses within method-required holding times. Any samples extracted or analyzed out of holding time should be reviewed for potential bias.

7. Confirm field, method, and trip blanks were collected at the frequency specified in the project planning documents. Confirm no detections in laboratory method blanks, field blanks, and trip blanks. If detections are identified in the blank results, actions to be taken, including applying data qualifiers, will be conducted in accordance with the current USEPA CLP National functional guidelines unless otherwise specified in the project planning documents. A summary of the blank

evaluation criteria and actions based on the USEPA CLP National Functional Guidelines dated November 2020 is provided in Attachment 1.

8. For *organic analyses only*, confirm surrogates (or deuterated monitoring compounds) were analyzed and evaluate surrogate recovery compared to laboratory's surrogate acceptance limits or surrogate acceptance limits specified in the project planning documents. If surrogate recovery is outside the acceptance limits, actions to be taken, including applying data qualifiers, will be conducted in accordance with the current UESPA CLP National Functional Guidelines unless otherwise specified in the project planning documents. A summary of the surrogate evaluation criteria and actions based on the USEPA CLP National Functional Guidelines dated November 2020 is provided in Attachment 1.

9. Confirm field duplicates were collected at the frequency specified in the project planning documents. If the parent and duplicate sample concentrations are greater than or equal to (≥) 5x the PQL, the RPD between parent and duplicate sample concentrations will be calculated using the following equation:

$$RPD = \frac{(A - B)}{A + B/2} \times 100$$

Where:
A = analytical result from one of two duplicate measurements
B = analytical result from the second measurement

Precision measurements can be affected by how close a chemical concentration is to the practical quantitation limit, which can increase the percent error (or RPD). Therefore, in cases where either the parent or the duplicate sample concentration is less than (<) 5x the PQL, the absolute difference between the parent and duplicate sample concentrations will be calculated (i.e., low-level RPD).

Unless otherwise specified in the project planning documents, the acceptance criteria for field duplicate RPDs are as follows:

a. The field duplicate RPD criteria are less than or equal to (≤) 30 percent (%) for water samples and ≤ 50% for soil samples.

b. For low-level RPD comparisons, the absolute difference between the parent and duplicate sample concentrations shall not exceed 5x the PQL.

c. If either of these criteria are not met, both sample results should be qualified J or UJ. Detected results will be assigned a J qualifier, and non-detects will be assigned a UJ qualifier.

Data Qualifiers

The following data qualifiers may be used during data validation and/or retained from the laboratory.

- U = The analyte was analyzed for and was not detected above the numerical quantitation limit (i.e., reporting limit).
- J = The analyte was analyzed for and was positively identified, but the analytical result (i.e., quantitation) is an estimated value. In some cases, it is recognized that the estimated value is biased high (J+), suggesting the actual value is lower than estimated; or biased low (J-), suggesting the actual value is higher than estimated.

- UJ = The analyte was analyzed for and was not detected above the reporting limit, but the reporting limit is an estimated value.
- R = The analyte was analyzed for but may or may not be present and/or quantifiable due to quality control issues. The analytical result is not usable and should be rejected.
- N = The analysis indicates presumptive evidence of the presence of the analyte.
- NJ = The analysis indicates presumptive evidence of the presence of the analyte, but the numerical value is an estimated quantity.

Results qualified J (J, J+, and J-) or UJ are of acceptable data quality and may be used quantitatively per USEPA guidelines.

Reporting

The results of the data quality procedures should be summarized into a deliverable. An example deliverable used to communicate the results of Stage 2A Modified data validation is provided in Attachment 2. The deliverable should include an overall data quality assessment relative to the project DQOs and state if the data set is usable for the intended purposes of the project. The overall data quality assessment may include the following evaluations:

- Method Criteria: Review of the methods and analytes requested, chain of custody and sample receipt forms, sample conditions upon receipt, and holding times to ensure that samples were collected, preserved, shipped/delivered, and analyzed within the method protocols.
- Precision: Defined as the agreement between a set of replicate measurements without assumption or regard about the true value and is a measure of the reproducibility of individual measurements. Field duplicate samples will be used to assess precision.
- Accuracy: An expression of the degree to which a measured value represents the true value. Accuracy will be assessed through a review of surrogate, matrix spike, and laboratory control sample results. Accuracy will be defined as the percent recovery (%R) of an analyte in a reference standard or spiked sample. The acceptance criteria are dependent on the analytical method and established by individual laboratories. Acceptable accuracy will be defined as achieving %R within the recovery limits established by the analytical laboratory for the method utilized.
- Representativeness: The degree that data accurately and precisely represents the environment and conditions that the sample targeted. Representativeness will be achieved by conducting sampling in accordance with the sample collection procedures described in the project planning documents.
- Comparability: Expresses the confidence with which one data set can be evaluated in relation to another data set. Data are considered comparable if collection techniques, measurement procedures, methods, and reporting are equivalent for the samples within a sample set. Note that methods of sample collection and analyses may differ due to geologic and hydrogeologic conditions at individual sample locations and through time, meaning some data sets vary in comparability. To the extent practicable, consistent sampling techniques and analytical methods should be utilized.
- Completeness: Measures the amount of data determined to be valid relative to the amount of data collected. Completeness is also a measure of the amount of valid data generated versus the amount of data planned for collection, ensuring sufficient data are available to make project decisions. A completeness goal for most projects will be 90%.

- Suitability for Intended Use: An overall review of the event data to ensure that results are applicable for their intended use. If gross contamination or significant issues with the method criteria, precision, accuracy, representativeness, comparability, or completeness are identified, the reviewer may indicate that entire event data may not be suitable for use, and resampling or other corrective actions may be required.

Attachment 1

Summary of Data Validation Evaluation Criteria and Actions

(Based on the USEPA CLP National Functional Guidelines dated November 2020)

Foth Infrastructure & Environment, LLC

Summary of Data Validation Evaluation Criteria and Actions

This attachment provides the evaluation criteria and actions recommended for review of blank samples and surrogates based on the USEPA CLP National Functional Guidelines dated November 2020.

Blank Review

Blank Result	Sample Result	Action
VOCs and Non-Halogenated Organic Compounds (Method 8015B)		
>MDL and <PQL	Non-Detect	No qualification
	>MDL and <PQL	Qualify U and report at PQL
	≥PQL but <Blank Multiplier (1)	Qualify U and report at PQL
	≥PQL and ≥Blank Multiplier (1)	Qualify J+ and report at sample result or no qualification
≥PQL	Non-Detect	No qualification
	>MDL and <PQL	Qualify U and report at PQL
	≥PQL but <Blank Multiplier (1)	Qualify U and report at sample result
	≥PQL and ≥Blank Multiplier (1)	Qualify J+ and report at sample result or no qualification
SVOCs, Pesticides, Herbicides, and PCBs		
>MDL and <PQL	Non-Detect	No qualification
	>MDL and <PQL	Qualify U and report at PQL
	≥PQL	Qualify J+ and report at sample result or no qualification
≥PQL	Non-Detect	No qualification
	>MDL and <PQL	Qualify U and report at PQL
	≥PQL but <Blank	Qualify U and report at sample result
	≥PQL and ≥Blank	Qualify J+ and report at sample result or no qualification
Metals (ICP-AES and ICP-MS Methods), Mercury, Cyanide, Anions, and Total Organic Carbon		
>MDL and <PQL	Non-Detect	No qualification
	>MDL and <PQL	Qualify U and report at PQL
	≥PQL	Qualify J+ and report at sample result or no qualification
≤MDL but >QL	Non-Detect	UJ (2)
	Detect	J- or no qualification
≥PQL	Non-Detect	No qualification
	>MDL and <PQL	Qualify U and report at PQL
	≥PQL but <10x Blank	Qualify J+ and report at blank result or R
	≥PQL and ≥10x Blank	No qualification

MDL = minimum detection limit
PCB = polychlorinated biphenyl
PQL = practical quantitation limit
SVOC = semivolatile organic compound
VOC = volatile organic compound

(1) For VOCs, a blank multiplier of 1x will generally be utilized. For common laboratory contaminants (2-butanone, acetone, methylene chloride), a blank multiplier of 2x will be used.

(2) For cyanide, the action is no qualification.

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Surrogates or Deuterated Monitoring Compounds

Criteria	Action [1,2]	
	Detect	Non-Detect
VOCs and Non-Halogenated Organic Compounds (Method 8015B)		
%R < Expanded Lower Acceptance Limit (10%)	J-	R
Expanded Lower Acceptance Limit (10%) ≤ %R < specified Lower Acceptance Limit	J-	UJ
%R within specified Acceptance Limits	No qualification	No qualification
%R > specified Upper Acceptance Limit	J+	No qualification
SVOCs		
%R < Expanded Lower Acceptance Limit (10%, excluding surrogates with 10% as the lower acceptance limit, undiluted sample analysis)	J-	R
Expanded Lower Acceptance Limit (10%) ≤ %R (excluding surrogates with 10% as the lower acceptance limit, undiluted sample analysis) < specified Lower Acceptance Limit	J-	UJ
%R < specified Lower Acceptance Limit (diluted sample analysis)	Use professional judgment	Use professional judgment
%R within specified Acceptance Limits	No qualification	No qualification
%R > specified Upper Acceptance Limit	J+	No qualification
Pesticides, Herbicides, and PCBs		
%R < Expanded Lower Acceptance Limit (10%, undiluted sample)	J-	R
%R < Expanded Lower Acceptance Limit (10%, diluted sample)	Use professional judgment	Use professional judgment
Expanded Lower Acceptance Limit (10%) ≤ %R < specified Lower Acceptance Limit	J-	UJ
%R within specified Acceptance Limits	No qualification	No qualification
Upper Acceptance Limit < %R ≤ Expanded Upper Acceptance Limit (200%)	J+	No qualification
%R > Expanded Upper Acceptance Limit (200%)	J+	Use professional judgment

%R = percent recovery
PCB = polychlorinated biphenyl
SVOC = semivolatile organic compound
VOC = volatile organic compound

(1) For VOCs, pesticides, herbicides, and PCBs, qualifiers are assigned to all target analytes in the method for the individual sample the surrogate was analyzed with.

(2) For SVOCs, qualifiers are not assigned to all target analytes in the method for the individual sample the surrogate was analyzed with, but rather a shorter list of target analytes in the method list. The analytical laboratory or project planning document should be consulted for associated target SVOC analytes corresponding to each surrogate.

Attachment 2
Example Deliverable for Stage 2A Modified Data Validation

Foth Infrastructure & Environment, LLC

Data Validation Report

Project Name:	
Task Name:	
Data Set Description:	
Laboratory(s):	
Laboratory Sample Delivery Group (SDG) ID(s):	
Sample Collection Dates:	
Sample Analysis Dates:	
Sample Matrices:	
Sample IDs Reviewed:	See Table 1
Verification and Validation Stage, 100% data:	☐ 1 ☒ 2A Modified ☐ 2A ☐ 2B ☐ 3 ☐ 4
Verified and Validated By:	

The analytical data were validated to verify that laboratory quality assurance and quality control (QA/QC) procedures were documented and to evaluate the overall quality of the data reported. Analytical reports include [insert number and type of samples collected and collection method] at [insert site] from [insert sample collection dates]; samples are listed in Table 1. The data were collected in accordance with [insert references to the project planning documents and/or regulatory codes].

Validation Summary

Stage 2A Modified data validation was performed on 100% of the data from these sample delivery groups (SDGs), with review tasks and items of note documented in the summary table below.

Validation Task and Description	Review Notes	Action
Chain of Custody (COC) and Sample Receipt Form Confirm relinquish & receipt signatures. Confirm parameters and analytical methods match COC and project planning documents.		
Case Narrative Review for items noted by the laboratory that may impact the validation process.		

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Validation Task and Description	Review Notes	Action
Sample Condition Upon Receipt (SCUR) Confirm samples in acceptable condition and no discrepancies noted. Confirm preservation meets method requirements.		
Methods Requested Confirm methods match project requirements and lab provided all methods ordered.		
Analytes Requested Confirm analytes ordered match project requirements and lab provided all analytes ordered.		
Holding Times Confirm laboratory performed extractions and analyses within method-required holding times.		
Blanks Confirm no detections in laboratory method blanks, field blanks, and trip blanks.		
Surrogates or Deuterated Monitoring Compounds For *organic analyses only*, confirm surrogates analyzed and surrogate recovery within QC limits.		
Field Duplicates Confirm field duplicates collected at required frequency and field duplicate RPD within acceptable limits.		

Abbreviations:
COC = Chain of Custody
EDD = electronic data deliverable
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
MS = matrix spike
MSD = matrix spike duplicate
RPD = relative percent difference
SCUR = Sample Condition Upon Receipt

Overall Assessment of Data

Item	Acceptable		Comments
	Yes	No	
1. Method Criteria			
2. Precision			
3. Accuracy			
4. Representativeness			
5. Comparability			
6. Completeness			
7. Suitability for Intended Use			

Overall, the data reported are of good quality and the results for the applicable quality assurance/quality control (QA/QC) measurements that were used by the laboratories during the analysis of the samples were generally acceptable. Some sample results required qualification during data validation because method-specific QA/QC criteria were not met; results may be qualified for more than one reason. These qualified data are usable, represent data of good quality and reasonable confidence, and have an acceptable degree of uncertainty (i.e., may be less precise or less accurate than unqualified data). Table 2 provides a definition of the qualifiers that may be assigned by the validator and/or retained from the laboratory. A summary of the validation qualifiers is provided below.

- No results were qualified as [insert qualifiers not utilized].
- Insert discussion on number of results that were assigned qualifiers. For example: Two results (0.1%) were qualified as estimated (assigned as J qualifiers).
- [Insert percent] of the data is usable for project data quality objectives.

Attachments

Attachment 1 – Tables

Table 1 – Sample IDs Reviewed
Table 2 – Data Qualifiers That May Be Used to Qualify Analytical Results During Validation
Table 3 – Method, Field, and Trip Blank Exceedances
Table 4 – Surrogate Recovery Exceedances
Table 5 – Relative Percent Difference (RPD) Analysis for Field Duplicate Samples
Table 6 – Qualified Results from Data Validation

Attachment 2 – References

Appendix B

Statistical Reports

Landfill of North Iowa Statistical Analysis – Winter 2025 Evaluation
Landfill of North Iowa Statistical Analysis – Spring 2025 Evaluation
Landfill of North Iowa Statistical Analysis – Fall 2025 Evaluation

Memorandum

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March 24, 2025

TO: Iowa Department of Natural Resources

FR: Hannah Dubbs; Gina Wilming, CGP

RE: Landfill of North Iowa Statistical Analysis - Winter 2025 Evaluation

1. Memorandum Organization

This memo addresses the statistical analysis of the groundwater monitoring data collected during February 2025. The statistical methods and results are summarized, with the memo organization given as follows:

Page
1. Memorandum Organization 1
2. Background 1
3. Statistical Methodology 2
4. Comparison to Background 2
   4.1 Double Quantification Rule 2
5. Conclusions 2

Attachments

Attachment 1 Detailed Discussion of Statistical Methods
Attachment 2 Sanitas Report Output for Double Quantification Rule Evaluations
Attachment 3 References

2. Background

In February 2025, a retest sample was collected for 1,1-dichloroethane at MW-105A-12 due to the single Double Quantification Rule (DQR) detection for this analyte/well pair during the Fall 2024 statistical evaluation. The analytical result for the retest sample will be provided in Table 14 of the 2025 Annual Water Quality Report (AWQR).

Under the detection monitoring program of 567 Iowa Administrative Code (IAC) 113.10(5), Appendix I monitoring results are statistically compared to background levels as given in 567 IAC 113.10(5)c.

Based on the October 2007 through February 2025 results, this memo presents an evaluation of statistically significant increases (SSIs) under the requirements of 567 IAC 113.10(4)g and h.

3. Statistical Methodology

The statistical method utilized for evaluating the retest result was consistent with the methods used in previous statistical evaluations. Detailed descriptions of the statistical methods are provided in Attachment 1. Sanitas® v10.0 (Sanitas Technologies) software is utilized to complete the statistical comparisons.

During the Winter 2025 evaluation, the combined MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 background data set was utilized to evaluate SSIs over background for the shallow aquifer.

4. Comparison to Background

4.1 Double Quantification Rule

The DQR was used to evaluate an SSI over background for 1,1-dichloroethane at MW-105A-12. The DQR output is included in Attachment 2. At MW-105A-12, the February 2025 resample result did not confirm the single DQR detection identified during the Fall 2024 statistical evaluation; therefore, an SSI was not declared for 1,1-dichloroethane at MW-105A-12.

5. Conclusions

The methodology described in Attachment 1 was utilized to conduct the statistical evaluation for the retest sample collected at MW-105A-12. At MW-105A-12, the February 2025 1,1-dichloroethane resample result did not confirm the single DQR detection identified during the Fall 2024 statistical evaluation; therefore, an SSI was not identified. As a result, MW-105A-12 will continue semiannual detection monitoring for the Appendix I list in Spring 2025.

Attachment 1
Detailed Discussion of Statistical Methods

Statistical Methodology

1. Comparison to Background

For determining which parameters will need a formal statistical treatment, the Unified Guidance (USEPA, 2009) suggests splitting monitoring parameters into three distinct groups: a) reliable indicators selected for formal testing; b) other analytes which are monitored for general groundwater quality information but not statistically tested; and c) those meeting the "never-detected" criteria. Only those parameters with some historically detected presence in background need to be included in the first group and treated with a formal statistical test. Any parameter that has never been detected in background is eligible for the third group of "never-detected" constituents. Constituents with detection below the reporting limit (J-flagged data) will be considered "never-detected." As a means of evaluating the third group, the Unified Guidance suggests the Double Quantification Rule (DQR). The DQR is stated in the Unified Guidance as:

"A confirmed exceedance is registered if any well-constituent pair in the '100% non-detect' group exhibits quantified measurements (i.e., at or above the reporting limit[RL]) in two consecutive sample and resample events."

The Unified Guidance also recommends establishing background sample sizes as large as feasible. The guidance recognizes that small sample sizes in background can be "particularly" troublesome, especially in controlling statistical test false positive and negative rates. With parametric tests (such as parametric prediction limits), the false positive rate may be controlled, but at the expense of statistical power. With non-parametric tests (such as non-parametric prediction limits or the "quasi-statistical" DQR), the false positive rate may be unacceptably high. The Unified Guidance suggests that generally at least 8 to 10 separate background measurements be available, recognizing that statistical power continues to increase with larger sample sizes.

Double Quantification Rule

The DQR will be used to evaluate SSIs over background for the Appendix I and II constituents that have not been detected above the reporting limit in the background data set. An SSI will be indicated for any well-constituent pair with quantified measurements at or above the reporting limit noted for two consecutive sample and resample events. If applicable, the resample will be collected prior to next semiannual sampling event.

Interwell Prediction Limits

Interwell prediction limits will be used to statistically evaluate SSIs over background for the Appendix I and II constituents which have been detected above the reporting limit in the background data set. A "1-of-2" retesting plan will be utilized on individual sample results. The 1-of-2 retesting plan as defined in the Unified Guidance concludes that an SSI has occurred when two out of two sample results exceed the prediction limit, while no SSI is concluded if 1-of-2 is below the limit. If applicable, resamples will be collected prior to next semiannual sampling event. The prediction limit for each constituent will be recalculated semiannually.

For interwell constituents with less than or equal to 50% detects in the background data set, a non-parametric prediction limit will be utilized. Prior to the Fall 2022 statistical evaluation, the non-parametric prediction limit was taken as the maximum order statistic (maximum value) of

the background data. With the Fall 2022 statistical evaluation, the analyte sample sizes of the cumulative background dataset were now sufficiently large to warrant using the second highest maximum order statistic for the interwell non-parametric prediction limit as opposed to the maximum value. Based on power curve comparisons to USEPA reference power curves, as well as statistical power estimates given in Unified Guidance Table 19-19, the non-parametric prediction limits were approaching the point of no longer achieving good statistical power when using the maximum value with the current background sample sizes. Utilizing the second highest value as the non-parametric prediction limit attains good levels of statistical power. Therefore, the second highest maximum order statistic (second highest maximum value) of the background data was utilized starting with the Fall 2022 statistical evaluation.

For interwell constituents with greater than 50% detects in the background data set, normality assumptions will be verified using the Shapiro-Wilk normality test. If the background data is not normally distributed, a non-parametric prediction limit will be utilized (as described in the paragraph above). If the background data is normally distributed or can be fit to a normal distribution utilizing a normalizing transformation, then a normal-based parametric prediction limit will be applied.

When considering a lognormal prediction limit, a comparison will be made to the maximum order statistic for the background data set. Lognormal prediction limits can be sensitive to smaller departures from lognormality. That is, if data are not truly lognormal, but also not rejected as lognormal, the prediction limit may be inflated because of the transformation. In choosing a lognormal limit, in addition to the percent detections and lognormal goodness of fit criteria, an additional convention will be applied. If the lognormal limit exceeds the level of twice the maximum background concentration, it is assumed that the lognormal model does not adequately fit the background distribution and a non-parametric prediction limit will be selected.

For interwell constituents with 50% to 85% detects in the background data set, Kaplan-Meier estimation will be applied to manage statistical bias introduced by non-detects. For interwell constituents with over 85% detects in the background data set, half the reporting limit will be used for non-detect data. These estimation methods follow Unified Guidance recommendations and are given in detail in Unified Guidance Chapter 15 (USEPA, 2009).

The parametric prediction limit will be calculated as:

$$PL = \bar{x} + k \cdot s$$

where $\bar{x}$ is the sample mean of the June 2010 through current event background data, *s* is the sample standard deviation, and *k* is the multiplier obtained from the Unified Guidance Table 19-1 (USEPA, 2009) for 1-of-2 interwell prediction limits on observations. In determining *k*, the number of constituents of concern (COCs) for formal statistical evaluation along with the number of downgradient wells need to be identified. Per the basic subdivision discussion presented in Section 19.2.1 of the Unified Guidance, along with the discussion regarding the use of the appendix tables for parametric retesting plans given in pages 19-13 through 19-15 of the Unified Guidance (USEPA, 2009), the *k*-multiplier is chosen based on the number of constituents, wells and evaluations performed annually. When an exact well and COC configuration is not given in the appendix tables, the *k*-multiplier is linearly interpolated as described in page 19-14 of the Unified Guidance (USEPA, 2009).

Sanitas v10.0 software (Sanitas Technologies) is used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects in the upgradient well, and calculate the *k*-multipliers and subsequent prediction limits.

Intrawell Prediction Limits

Intrawell prediction limits are calculated in a similar manner to that described above for the interwell case. A main difference between the two methods is the intrawell limit is calculated from a collection of background measurements within the compliance well. A minimum of eight compliance well background samples will be used when calculating the limit.

A second difference is for the parametric prediction limit, in which the *k*-multiplier is modified from the interwell case, as given in Appendix D Tables 19-10 through 19-18 of the Unified Guidance (USEPA, 2009).

Updating intrawell background is performed periodically. The Unified Guidance (Section 5.3.2) recommends that 4 to 8 new compliance observations be collected prior to updating the background dataset. The guidance also states that "a potential update is predicated on there being no statistically significant increase [SSI] recorded for that well constituent, including since the last update." A two-sample t-test or Wilcoxon rank-sum test between existing intrawell background data and the potential set of newer background data is performed, and a non-significant result (α = 0.05) implies that the newer compliance data can be re-classified as background measurements.

For Wilcoxon rank-sum tests, non-detect results cannot be ranked with certainty and the problem is compounded with multiple PQLs and/or J-flagged values (USEPA, 2009). In comparisons where a substantial fraction of non-detect and/or J-flagged measurements or changing PQLs occur, professional judgment will be utilized for evaluating significant differences between the existing intrawell background data and the potential newer set of background data. Consideration will be given to whether significant differences are due to artificial variation introduced by censored data.

2. Comparison to Groundwater Protection Standard – Assessment Monitoring

According to 567 IAC 113.10(6)f and g, under the assessment monitoring program Appendix II results which have been determined to be statistically above background are also statistically compared to the GWPS. If "Appendix II constituents are detected at statistically significant levels above the GWPS" a notice is placed in the operating record and characterization is begun.

Under 567 IAC 113.10(6)h, the GWPS is the maximum contaminant level (MCL) promulgated under Section 1412 of the Safe Drinking Water Act in 40 Code of Federal Regulations (CFR) Part 141. If no MCL exists, or if background concentrations are higher than the MCL, the GWPS is defined as background. Also, per 567 IAC 113.10(6)i, an alternative GWPS may be established by the Department for constituents for which there is no MCL such as the "health-based concentrations that comply with the statewide standards for groundwater established pursuant to 567-Chapter 137."

When the GWPS is background concentrations, the statistical methods discussed in the above "1. Comparison to Background" are used. When the GWPS is the MCL or an alternative health-based concentration, per the Unified Guidance (USEPA, 2009), "confidence intervals are the recommended general statistical strategy in compliance/assessment or corrective action monitoring." In the case of normally distributed data, a normal-based parametric confidence

interval is used. If the data are not normally distributed a non-parametric confidence interval on the median is used. A lower 99% confidence limit falling above the GWPS implies that concentrations are detected at statistically significant levels above the GWPS with an α-level of 0.01, which is the minimum RCRA regulatory limit from §264.97(i)(2) for an individual test false positive error rate.

The Unified Guidance recognizes that statistical power is also of prime concern to USEPA and that there "should be a high probability that the statistical test will positively identify concentrations that have exceeded a fixed regulatory standard." In compliance/assessment monitoring, instead of pre-specifying the false positive rate prior to computing confidence interval limits, the Unified Guidance suggests the desired level of power (1-β) should be set as an initial target.

For compliance/assessment monitoring purposes, the Unified Guidance (Chapter 22) suggests evaluating increases in the true concentration mean of 1.5 and 2.0 times a fixed standard. (This is similar in concept to the critical power targets in detection monitoring, i.e., 55-60% power at 3σ above background and 80-85% power at 4σ over background). As a general guide, the Unified Guidance suggests there should be at least 70-80% statistical power for detecting increases of 2 times a fixed standard. Specifically, the Unified Guidance recommends there be 50% power of detecting increases in the true concentration mean of 1.5 times a fixed standard (risk ratio of 1.5) and 80% power of detecting increases in the true concentration mean of 2.0 times a fixed standard (risk ratio of 2.0).

To meet these levels of statistical power, α is chosen based on either Unified Guidance Equation 22.1:

$$1 - \beta = G_{T,n-1}\left(t_{1-\alpha,n-1}\middle|\Delta - \sqrt{n}(R-1)\right);$$

where R is the desired risk ratio, $t_{(1-\alpha,n-1)}$ is the (1−α) Student's t-quantile with (n−1) degrees of freedom and G represents the cumulative non-central t-distribution with (n−1) degrees of freedom and noncentrality parameter Δ;

or Unified Guidance Equation 22.2:

$$\alpha \sim 1 - F_{T,n-1}\left(\frac{(R-1)\sqrt{n}}{R\cdot\widehat{CV}} - t_{1-\beta,n-1}\right);$$

where R is the desired risk ratio, n is the sample size, CV is the estimated sample coefficient of variation, $t_{(1-\beta,n-1)}$ is the (1−β) Student's t-quantile with (n−1) degrees of freedom, and F is the cumulative (central) Student's t-distribution function.

The first equation (Unified Guidance Equation 22.1) assumes a coefficient of variation (CV) =1. This version is used if only poorer estimates of the true CV are available. In practice, a convention has been adopted with the statistical updates to utilize Unified Guidance Equation 22.2 in all cases where a parametric confidence interval is calculated and use Unified Guidance Equation 22.1 when non-parametric confidence intervals are calculated. Since a non-parametric confidence interval is based on the median, it is not as sensitive to departures from normality, and the assumption of a CV=1 in Unified Guidance Equation 22.1 should provide a conservative estimate.

Since 0.01 is the minimum RCRA regulatory limit for α, it is never set lower than this. Conversely, the Unified Guidance recognizes the "difficulty of simultaneously attaining the recommended level of power while controlling the false positive rate, especially for small sample sizes and highly variable data." The Unified Guidance suggests a maximum false positive rate of α=0.2 is a reasonable upper bound.

Finally, like the need for defining a SWFPR under detection monitoring, the Unified Guidance (Chapter 7) recognizes there may be concern about the "use of relatively high individual test-wise false positive rates (α) in order to meet a pre-specified power, especially when considering the cumulative false positive error rate across multiple wells and/or constituents." However, "the Unified Guidance considers computation of cumulative SWFPRs in compliance/assessment testing to be problematic, and reliance on individual test false positive rates preferable." Notwithstanding, if several confidence limit calculations are compared to the GWPS with high α-levels, caution should be taken in the interpretation.

For calculation of confidence intervals, Sanitas® v9.6 software is again used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects, and calculate either parametric or nonparametric confidence limits.

3. Comparison to Groundwater Protection Standard – Corrective Action Monitoring

As stated above, if "Appendix II constituents are detected at statistically significant levels above the GWPS" a notice is placed in the operating record and characterization is begun. Owners or operators are required to initiate an assessment of corrective measures, select a remedy, and implement a remedy in accordance with 567 IAC 113.10(7), (8), and (9). For remedy completion in accordance with 567 IAC 113.10(9)e(2), compliance with the GWPS is considered achieved by demonstrating that concentrations of Appendix II constituents have not exceeded the GWPS for a period of three consecutive years or an alternate length of time established by the Department.

Starting with the Fall 2019 statistical evaluation, individual analyte/well pairs may return to assessment constituents (at the corrective action monitoring location) once compliance with the GWPS has been achieved for a period of 3 years. Note that monitoring wells will not move out of the corrective action monitoring program until all Appendix II constituents have achieved compliance with the GWPS for a period of three consecutive years.

Confidence Intervals in Corrective Action Mode

In the case of the GWPS being a fixed standard as either the 40 CFR Part 141 Safe Drinking Water Act MCL or the 567 IAC Chapter 137 Statewide Standard for a Protected Groundwater Source, "confidence intervals are the recommended general statistical strategy in compliance/assessment or corrective action monitoring" (USEPA, 2009). However, a primary difference between confidence intervals as used under assessment monitoring and confidence intervals used under corrective action is reversal of the null hypothesis. As detailed in Section 7.2 of the Unified Guidance (USEPA, 2009), the hypothesis testing structure under assessment monitoring is to presume compliance point concentrations do not to exceed the fixed standard unless sampling data indicates otherwise. As a formal statistical hypothesis, this is written as:

$$H_0: \Theta \leq G \quad \text{vs.} \quad H_A: \Theta > G$$

In corrective action mode, the hypothesis is reversed. Namely, compliance point concentrations are presumed to exceed the fixed standard and evidence must be presented to demonstrate regulatory compliance. In the case of corrective action, the statistical hypothesis is written as:

$$H_0: \Theta > G \quad \text{vs.} \quad H_A: \Theta \leq G$$

For testing under assessment monitoring, a lower confidence limit (LCL) is compared to the compliance standard *G*. If the LCL is larger than the standard *G*, it is concluded that the compliance standard has been violated.

However, under corrective action monitoring, the upper confidence limit (UCL) is compared to the compliance standard *G*. In this case, the UCL should lie below the standard to accept the alternative hypothesis that concentration levels are in compliance.

The UCL α-level under corrective action monitoring is set so that a high degree of confidence is achieved in declaring successful remediation. Per the Unified Guidance (Section 7.4.2) "EPA's overriding concern in corrective action is that remediation efforts are not declared successful without sufficient statistical proof." The Unified Guidance "recommends the use of a reasonably low, fixed test-wide false positive rate (e.g., α = 0.05 or 0.10)." In this case, α = 0.10 corresponds to a 90% UCL.

<u>GWPS as Background</u>

Pursuant to 567 IAC 113.10(6)h, when background concentrations of an analyte exceed the applicable MCL or IAC Statewide Standard for a Protected Groundwater Source, the GWPS is the background concentration. In this case, the GWPS is not a fixed standard but based on a distribution of background sample results.

Section 7.5 of the Unified Guidance (USEPA, 2009) details statistical hypothesis testing under corrective action when the GWPS is background. The Unified Guidance offers two alternative statistical approaches to hypothesis testing in this case. These alternatives are as follows:

A. The first represents a *two-sample* test of two distinct populations, namely the compliance well to background populations. Similar to the statistical tests used under detection and assessment monitoring, with this alternative under corrective action, the Unified Guidance states that "one highly recommended statistical test approach is a prediction limit." The Unified Guidance also states, "whatever the critical value for a selected background test, it becomes the GWPS under compliance/assessment or corrective action monitoring." Further, "the only allowable hypothesis test structure for the two-sample approach follows that of detection and compliance monitoring. Once exceeded and in corrective action, a return to compliance is through evidence that future samples lie below the GWPS using the same hypothesis structure." Therefore, with this approach in corrective action, prediction limits are calculated similarly as in assessment monitoring. Compliance well concentrations below a prediction limit indicate a return to concentrations below the background GWPS.
B. The second involves computation of a fixed statistic from the background data as the GWPS. The Unified Guidance recommendation in this case is to define a fixed GWPS based on a background upper tolerance limit with 95% confidence and 95% coverage. This is designed to be a "reasonable maximum on the likely range of background concentrations." This upper tolerance limit based on background data is then used as a fixed standard in statistical comparisons with 90% or 95% UCLs from compliance wells as discussed previously. Also, with the UCL method, the null hypothesis is reversed from

that of assessment monitoring, assuming contamination is above the GWPS. A UCL falling below the background GWPS offers evidence of a return to concentrations below the GWPS. The Unified Guidance refers to this approach as a *single-sample* testing method, since the compliance well population is tested against a defined fixed standard.

The Unified Guidance discusses tradeoffs between the two approaches and does not necessarily prescribe either approach over the other. The Unified Guidance suggests that both approaches may be used, where "the background GWPS would be a range based on the two testing methods rather than a single value."

Normality

For calculation of confidence intervals, Sanitas® v9.6 software is again used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects, and calculate either parametric or nonparametric confidence limits. "Corrective Action Mode" is selected for this analysis.

Non-Corrective Action Constituents

As recommended in the Unified Guidance (USEPA, 2009), confidence intervals in corrective action mode will be utilized to evaluate only constituents and monitoring locations with previously identified SSLs over the GWPS. Other compliance constituents (i.e., those without SSLs over the GWPS during prior statistical evaluations) will continue to be evaluated using the "1. Comparison to Background" and "2. Comparison to Groundwater Protection Standard – Assessment Monitoring" methods described above.

Note: The Unified Guidance (USEPA, 2009) states: "it should be recognized that once corrective action or remediation activities are initiated, there will be a considerable time during which the GWPS may still be exceeded. As provided in the RCRA regulations, it is at the conclusion of remediation activities that formal corrective action monitoring evaluation is appropriate. However, in the intervening period of remedial activity, well constituents can still be monitored, and the relative efficacy of remediation measures tracked. The same corrective action hypothesis can be assumed for the targeted constituents; techniques such as trend testing may be appropriate interim applications." Given the statement above and the intentions of 567 IAC 113.10(6)g, as soon as an SSL is identified for an assessment monitoring constituent/location, then the next statistical evaluation will utilize corrective action monitoring (confidence intervals in corrective action mode).

Data Concentration Shifts During Corrective Action

Confidence intervals assume that the population is stable over time. As a result, confidence intervals may not accurately represent the current well concentrations if increasing or decreasing trends are observed (i.e., during a release or under active remediation). Per the Unified Guidance (USEPA, 2009), lower or upper confidence limits constructed on accumulated data may be overly wide (due to high sample variability caused by combining pre- and post-shift data) and may not be reflective of more recent upward/downward shifts in the contaminant distribution.

Alternative procedures may be applied to data sets with shifting distributions. For example, where trends tests are significant, pre-shift data may be removed from the well/parameter data set for the purposes of constructing the confidence interval. "The reduction in sample size will often be more than offset by the gain in statistical power. More recent measurements may exhibit less variation around the shifted mean value, resulting in a shorter confidence interval" (USEPA, 2009).

Another alternative is to construct confidence bands around the trend line to track progress towards exceeding or meeting a fixed standard. As suggested in the Unified Guidance (Chapter 22), if a trend is present, a 90% confidence band (upper 95% confidence limit) is placed on the linear trend line. If the upper 95% confidence limit on the trend line falls below the GWPS, the well is found to have reduced to levels statistically below the GWPS.

As the discussed in the Unified Guidance, "inferences concerning a linear regression are generally appropriate when two conditions hold: 1) the residuals from the regression are approximately normal or at least reasonably symmetric in distribution; and 2) a plot of residuals versus concentrations indicates a scatter cloud of essentially uniform vertical thickness or width." These conditions are assessed through normal probability plots of the regression residuals and plots of residuals against the predicted concentrations.

Data Adjustments Due to Exiting Corrective Action

When analyte/well pairs exit corrective action and return to assessment constituents, the hypothesis testing structure is reversed again. In corrective action mode, compliance point concentrations were presumed to exceed the GWPS, and evidence must be presented to demonstrated regulatory compliance (i.e., UCLs below the GWPS for three consecutive years). With the return to assessment constituents, analyte/well pairs have demonstrated regulatory compliance. The hypothesis testing structure reverts to the assessment monitoring structure where compliance point concentrations are presumed to not exceed the GWPS unless sampling data indicates otherwise (i.e., LCL is above the GWPS). With this reversion in hypothesis, the focus shifts to evaluating concentration changes in the analyte/well pair that would indicate an increase over the GWPS and re-trigger corrective action. For constituents with historical SSLs, earlier concentrations that had previously triggered corrective action are no longer providing useful information regarding the current assessment monitoring hypothesis. Retaining the historical data during the timeframe in which the GWPS was exceeded will result in the regression or confidence interval methods being slower to respond to new increases. As a result, the historical data prior to when statistical compliance with the GWPS was first achieved will be removed when analyte/well pairs exit corrective action and return to assessment constituents.

Attachment 2

Sanitas Report Output for Double Quantification Rule Evaluations

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG

Data Screening - Detection Monitoring

Analysis Run 3/21/2025 9:31 AM

Landfill of North Iowa Client: Foth Data: LNI Winter 2025 Evaluation

A listing of detects for 219 constituents in MW-105A-12 on 2/3/2025:

-none-

Attachment 3
References

References

United States Environmental Protection Agency (USEPA), 2009. *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance*. EPA 530-R-09-007. Office of Resource Conservation and Recovery, Program Implementation and Information Division, Washington, D.C.

Memorandum

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June 6, 2025

TO: Iowa Department of Natural Resources

FR: Hannah Dubbs; Gina Wilming, CGP

RE: Landfill of North Iowa Statistical Analysis - Spring 2025 Evaluation

1. Memorandum Organization

This memo addresses the statistical analysis of the groundwater monitoring data collected during April 2025. The statistical methods and results are summarized, with the memo organization given as follows:

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Attachments

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2. Background

The groundwater monitoring locations and the status of the Appendix I and II sampling schedules are summarized in Table 1. The Appendix I and II analytical results will be provided in Table 14 of the 2025 Annual Water Quality Report (AWQR).

Table 1
Groundwater Monitoring Locations & Sampling Schedules
Oct. 2007 – Apr. 2025 Appendix I and II Data

Monitoring Location	Monitoring Program	Current Schedule (Sep./Oct. 2024) [1,2]	Appendix I Initiated	# Events to Complete Baseline Appendix I or Completion Date [113.10(5)b]	Appendix II Initiated	# Events to Complete Baseline Appendix II or Completion Date [113.10(6)b]	Returned to Detection Monitoring
Downgradient Monitoring Locations							
GUA-1	Detection	Appendix I [3]	Dec-11	Oct-12	N/A	N/A	N/A
GUA-1-2	Detection	Appendix I	Apr-16	Mar-17	N/A	N/A	N/A
MW-2A-89	Corrective Action	Appendix II	Oct-07	Oct-08	Apr-09	Apr-10	No
MW-8A-89	Detection	Appendix I	Oct-07	Oct-08	N/A	N/A	N/A
MW-9-92	Assessment	Appendix II	Oct-07	Oct-08	Jun-11	Apr-12	No
MW-101A-12	Corrective Action	Appendix II	Feb-12	Oct-12	Jun-12	Jan-13	No
MW-105A-12	Detection	Appendix I	Feb-12	Oct-12	Oct-15 Apr-19	Apr-16 Jul-19	Mar-18 Oct-20

Table 1 Continued
Groundwater Monitoring Locations & Sampling Schedules
Oct. 2007 – Apr. 2025 Appendix I and II Data

Monitoring Location	Monitoring Program	Current Schedule (Apr. 2025) [1,2]	Appendix I Initiated	# Events to Complete Baseline Appendix I or Completion Date [113.10(5)b]	Appendix II Initiated	# Events to Complete Baseline Appendix II or Completion Date [113.10(6)b]	Returned to Detection Monitoring
Background Monitoring Locations							
MW-15-10R	Background	Appendix II	Jun-10	Feb-11	May-15 [4]	NA	NA
MW-16-03	Background	Appendix II	Oct-15	Oct-17 [5]	Sep-16 [4]	NA	NA
MW-20-03	Background	Appendix II	Oct-12	Aug-13	May-15 [4]	NA	NA
MW-22A-03	Background	Appendix II	Oct-12	Aug-13	May-15 [4]	NA	NA
MW-23-03	Background	Appendix II	Oct-15	Oct-17 [5]	Sep-16 [4]	NA	NA
MW-106A-12	Background	Appendix II	Feb-12	Oct-12	May-15 [4]	NA	NA

N/A = not applicable
VOCs = volatile organic compounds
[1] In Spring 2025, semiannual monitoring was conducted at GUA-1-2, MW-2A-89, MW-8A-89, MW-9-92, MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, MW-101A-12, MW-105A-12, and MW-106A-12. In accordance with Special Provision X.5.o, annual monitoring is scheduled for Fall 2025 at MW-1-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-11, MW-101B, MW-102A-12, MW-103A-12, MW-104A-12, MW-107A, and MW-108A. Therefore, these locations were not monitored in Apr. 2025.
[2] The Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Apr. 2025. Resampling for the full set of Appendix II constituents is conducted every 5 years.
[3] In accordance with Special Provision X.5.a.ii, the annual compliance monitoring event at GUA-1 was conducted in Apr. 2025. The next annual monitoring event at GUA-1 will be conducted in Fall 2026.
[4] Baseline monitoring for the detected Appendix II constituents was initiated in May 2015 at MW-15-10R, MW-20-03, MW-22A-03, and MW-106A-12 in May 2015 and in Sep. 2016 at MW-16-03 and MW-23-03. Baseline monitoring for the full Appendix II list was conducted at MW-15-10R, MW-20-03, MW-22A-03, and MW-106A-12 in Apr. 2016 and at MW-16-03 and MW-23-03 in Mar. 2017. The full Appendix II list will be analyzed again at the background monitoring locations during the Appendix II resampling event scheduled for Spring 2029.
[5] The first two baseline monitoring events at background wells MW-16-03 and MW-23-03 were for the Appendix I metals and tin only.

In April 2025, semiannual detection, assessment, corrective action, and background monitoring were continued at GUA-1-2, MW-2A-89, MW-8A-89, MW-9-92, MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, MW-101A-12, MW-105A-12, and MW-106A-12. In accordance with Special Provision X.5.o, annual detection, assessment, and delineation monitoring will be conducted at MW-1-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-11, MW-101B, MW-102A-12, MW-103A-12, MW-104A-12, MW-107A, and MW-108A in Fall 2025. Therefore, these locations were not monitored in April 2025. In accordance with Special Provision X.5.a.ii, the annual compliance monitoring event at GUA-1 was also conducted in April 2025. The assessment, corrective action, and background monitoring locations were sampled for the Appendix I and detected Appendix II constituents.

In accordance with Special Provision X.5.f, the next five-year resampling events for the full Appendix II list are scheduled for:

- Spring 2027 at MW-9-92;
- Fall 2028 at MW-102A-12 and MW-104A-12;
- Spring 2029 at MW-2A-89 and MW-101A-12 and background wells MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12; and
- Fall 2029 at MW-1-89, MW-4B-89, MW-5-89 and MW-103A-12.

As noted in the data validation report, which will be submitted with the 2025 AWQR, the laboratory inadvertently reported phenol in MW-15-10R_25_04, MW-16-03_25_04, MW-20-03_25_04, MW-22A-03_25_04, MW-23-03_25_04, MW-101A-12_25_04, and MW-106A-12_25_04

when this parameter was not requested on the chain of custody. The reported phenol results at these locations will be retained and included in this (Spring 2025) statistical evaluation.

Under the detection and assessment monitoring programs of 567 Iowa Administrative Code (IAC) 113.10(5) and 113.10(6), Appendix I and II monitoring results are statistically compared to background levels as given in 567 IAC 113.10(5)c and 113.10(6)e and to the groundwater protection standard (GWPS) as given in 567 IAC 113.10(6)g and h. A well may return to detection monitoring when all Appendix II constituents are "shown to be at or below background values, using the statistical procedures in paragraph 113.10(4)g for two consecutive sampling events." Consequently, in order to return to detection monitoring in accordance with 567 IAC 113.10(6)e, all Appendix II constituents must be below the interwell prediction limit (for constituents which are detected in the background data set) or below the laboratory reporting limit (for constituents which are not detected in the background data set) during two consecutive sampling events. Three consecutive sampling events may be utilized to make the determination to return to detection monitoring to limit frequent fluctuation of wells moving between the detection and assessment monitoring programs. Assessment monitoring continues when Appendix II concentrations are above background values but below the GWPS using the statistical procedures in 567 IAC 113.10(4)g.

If Appendix II constituents are detected at statistically significant levels (SSLs) above the groundwater protection standard (GWPS), characterization [567 IAC 113.10(6)g] is initiated and the owners or operators are required to initiate an assessment of corrective measures (ACM), select a remedy, and implement a remedy in accordance with 567 IAC 113.10(7), (8), and (9). For remedy completion [567 IAC 113.10(9)e(2)], compliance with the GWPS is considered achieved by demonstrating that concentrations of Appendix II constituents have not exceeded the GWPS for a period of three consecutive years or an alternate length of time established by the Iowa Department of Natural Resources (IDNR).

Based on the October 2007 through April 2025 results, this memo presents an evaluation of statistically significant increases (SSIs) and SSLs under the requirements of 567 IAC 113.10(4)g and h.

3. Statistical Methodology

The statistical methods utilized for locations in detection, assessment, corrective action, and delineation monitoring were consistent with the methods used in previous statistical evaluations. Detailed descriptions of the statistical methods are provided in Attachment 1. Sanitas® v10.0 (Sanitas Technologies) software is utilized to complete the statistical comparisons.

During the Spring 2025 evaluation, the combined MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 background data set was utilized to evaluate SSIs over background for the shallow aquifer.

3.1 Background Data Set Adjustments

Background data set adjustments were made prior to conducting statistical comparisons and are listed as crossed-out concentrations in Table 14 of the 2025 AWQR.

3.1.1 Underdrain Gradient Change

Background data set adjustments were conducted during the Spring 2019 statistical evaluation to remove the April 2019 data at MW-15-10R and MW-106A-12 from the background data set. These adjustments were conducted due to a gradient change that occurred during that sampling event because of the groundwater underdrain for Cell A being temporarily turned off. Details regarding the temporary shutdown of the groundwater underdrain for Cell A, the gradient change resulting from shutdown of the underdrain, and the April 2019 background data set adjustments for MW-15-10R and MW-106A-12 are provided in the *Spring 2019 Statistical Notification & Underdrain Plan* (Foth, 2019).

3.1.2 Adjustments Associated with Turbidity and Total Suspended Solids

No background data set adjustments are recommended for background wells MW-20-03, MW-22A-03, and MW-23-03 based on review of the field turbidity and total suspended solids (TSS) data from the April 2025 sampling event. The April 2025 TSS concentrations in these locations were below the 5 mg/L limit for acceptable sample quality.

At background well MW-15-10R, the April 2025 TSS concentration of 7.2 mg/L slightly exceeded the 5 mg/L limit for acceptable sample quality. Arsenic, barium, cobalt, and nickel were detected above the method detection limit (MDL) in MW-15-10R in April 2025. The April 2025 arsenic, barium, cobalt, and nickel concentrations were within the range of historic concentrations in MW-15-10R; therefore, no adjustments are recommended for the April 2025 arsenic, barium, cobalt, and nickel results in MW-15-10R.

At background well MW-16-03, the April 2025 TSS concentration of 11.3 mg/L slightly exceeded the 5 mg/L limit for acceptable sample quality. Arsenic, barium, cadmium, cobalt, and nickel were detected above the MDL in MW-16-03 in April 2025. The April 2025 arsenic, barium, cadmium, cobalt, and nickel concentrations were within the range of historic concentrations in MW-16-03; therefore, no adjustments are recommended for the April 2025 arsenic, barium, cadmium, cobalt, and nickel results in MW-16-03.

At background well MW-106A-12, the April 2025 TSS concentration of 88 mg/L exceeded the 5 mg/L limit for acceptable sample quality. Arsenic, barium, cobalt, copper, lead, and nickel were detected above the MDL in MW-106A-12 in April 2025. Due to the high TSS concentration at MW-106A-12, the April 2025 detected metal results (arsenic, barium, cobalt, copper, lead, and nickel) at MW-106A-12 are recommended for removal. In addition, development of MW-106A-12 is being considered prior to the Fall 2025 semiannual event.

The background dataset adjustments currently and previously recommended and incorporated based on review of turbidity data include:

- Removal of the April 2019 cobalt concentration in MW-22A-03.
- Removal of the October 2021 arsenic concentration in MW-15-10R.
- Removal of the April 2022 arsenic concentration in MW-15-10R.
- Removal of the April 2022 barium, cadmium, cobalt, nickel, selenium, silver, and thallium concentrations in MW-16-03.
- Removal of the May 2023 cobalt concentration in MW-106A-12.
- Removal of the November 2023 arsenic concentration in MW-15-10R.
- Removal of the April/May 2024 arsenic and cobalt concentrations in MW-106A-12.

- Removal of the April 2025 arsenic, barium, cobalt, copper, lead, and nickel concentrations in MW-106A-12.

A detailed discussion regarding compliance with the turbidity requirements outlined in Special Provision X.5.e will be provided in the 2025 AWQR.

3.1.3 Background Data Set Review for Prediction Limits

The background data set and practical quantitation limits (PQLs) were reviewed in the Spring 2015 statistical evaluation. This consisted of reviewing the PQLs for metals constituents used in the prediction limit evaluation to determine whether PQLs have been lowered over time, and whether some of the earlier non-detect data with elevated PQLs should be removed from the background data due to the increased uncertainty it added. During the Spring 2015 through Spring 2022 statistical evaluations, non-detect background samples with a PQL of at least two times the maximum detected background concentration were recommended for removal. Starting with the Fall 2022 statistical evaluation, non-detect background data with a PQL of at least two times the second highest maximum detected background concentration were recommended for removal. No background data set adjustments are recommended in the current (Spring 2025) statistical evaluation based on review of PQLs.

The background data set adjustments previously recommended and incorporated based on the review of PQLs include:

- Removal of non-detect antimony background samples with PQLs greater than or equal to 0.003 mg/L
- Removal of non-detect beryllium background samples with PQLs of 0.004, 0.005, and 0.01 mg/L.
- Removal of non-detect cadmium background samples with a PQL of 0.01 mg/L.
- Removals of non-detect chromium background samples with PQLs of 0.04 and 0.1 mg/L.
- Removal of non-detect silver background samples with PQLs of 0.0025, 0.05, 0.01, and 0.02 mg/L.

3.1.4 Review of Single Background Detections

A single volatile organic compound (VOC) detection was identified for acetone in MW-106A-12 in October 2019. The October 2019 detected metals (arsenic, barium, cadmium, cobalt, nickel, and vanadium) in MW-106A-12 were recommended for removal from the background data set due to the potential impact indicated by the acetone detection. Since VOCs are considered “never detected” constituents, acetone was not added as a prediction limit constituent. Downgradient acetone results continue to be evaluated using the DQR.

3.2 Corrective Action Constituents

In accordance with the Unified Guidance (USEPA, 2009), corrective action statistics were conducted for analyte/well pairs with previously identified SSLs, as listed in Table 2. No new corrective action constituents were added based on the results of the previous Fall 2024 statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), 1,2-dichloropropane in MW-101A-12 returned to an assessment constituent in 2025 since compliance with the GWPS was maintained for three consecutive years.

Table 2
Corrective Action Constituents

Monitoring Location	Corrective Action Constituents [1]
MW-2A-89	Arsenic, Barium
MW-101A-12	Trichloroethene, Vinyl Chloride
MW-107A	Arsenic

[1] Corrective action constituents are analyte/well pairs with SSLs over the GWPS identified during previous statistical evaluations and have not achieved compliance with the GWPS for a period of at least three consecutive years in accordance with 567 IAC 113.10(9)e(2).

Under corrective action statistics, comparisons to background are not conducted (unless the GWPS is the background value); therefore, the analyte/well pairs listed in Table 2 are not included in the Section 4 comparisons to background. As detailed in Attachment 1, corrective action statistics compare the upper confidence limit to the compliance standard to determine whether concentration levels are in compliance with the GWPS. In the case of decreasing concentrations, the upper confidence limit on a regression trend line is utilized. All other compliance constituents in the corrective action monitoring locations (i.e., those without SSLs over the GWPS during prior statistical evaluations) are evaluated using the assessment monitoring procedures.

4. Comparison to Background

Comparisons to background levels were conducted using interwell prediction limits and the Double Quantification Rule (DQR). As noted in Section 3.2, comparisons to background were not conducted for the corrective action constituents listed in Table 2.

4.1 Interwell Prediction Limits

Interwell prediction limits were used to formally assess SSIs over background for analytes that have been detected above the reporting limit in the shallow aquifer background data set (MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12). These analytes were antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, silver, sulfide, vanadium, and zinc. Prediction limits calculated utilizing background sample data collected from June 2010 through April 2025 are summarized in Table 3. The background data set adjustments discussed in Section 3.1 were utilized.

Phenol and thallium have only had one detection above the reporting limit in background and cannot be analyzed using a non-parametric interwell prediction limit with the second highest maximum order statistic. Therefore, phenol and thallium will be analyzed using the DQR unless there are subsequent detections in background.

Table 3
Interwell Prediction Limit Summary
Jun. 2010 – Apr. 2025 Interwell Data [1]

Chemical Name	Prediction Limit	Units	Prediction Limit Type	Retesting Plan	Prediction Limit Method
Antimony	0.00126	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Arsenic	0.0405	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Barium	0.606	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Beryllium	0.00191	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Cadmium	0.00136	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Chromium	0.0245	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Cobalt	0.0182	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Copper	0.0425	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Lead	0.0128	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Nickel	0.149	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Silver	0.00095	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Sulfide [2]	17.3	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Vanadium	0.0304	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic
Zinc	0.0705	mg/L	Non-Parametric	1-of-2	Second Highest Maximum Order Statistic

[1] Interwell data consists of the detected Appendix I and II parameters in the June 2010 through April 2025 data at shallow aquifer background wells MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12. Note that background data set adjustments were incorporated in accordance with Section 3.1.
[2] Sulfide is included only for assessment and corrective action monitoring locations.

Non-parametric prediction limits were used since either normality assumptions could not be met or there were less than 50% detects in the background data set. Interwell prediction limit output is included in Attachment 2. The monitoring locations exhibiting a prediction limit exceedance during the April 2025 event are listed in Table 4.

Table 4
Apr. 2025 Prediction Limit Exceedances

Prediction Limit	Arsenic (mg/L) 0.0405	Barium (mg/L) 0.606
Detection Monitoring Locations		
None		
Assessment Monitoring Locations		
MW-9-92	0.0846	0.826
Corrective Action Monitoring Locations – Assessment Constituents		
MW-101A-12		0.846

4.2 Double Quantification Rule

The DQR was used to evaluate SSIs over background for the Appendix I and II constituents which have not been detected above the reporting limit in the shallow aquifer background data set; i.e., those which have not been evaluated using interwell prediction limits and the corrective action constituents listed in Table 2. The DQR output is included in Attachment 3, with a summary of the April 2025 DQR detections listed in Table 5.

Table 5
Double Quantification Rule
Apr. 2025 Detections

Well	Constituent(s)
Detection Monitoring Locations	
GUA-1	1,1-Dichloroethane; Benzene
Assessment Monitoring Locations	
MW-9-92	1,1-Dichloroethane; Benzene
Corrective Action Monitoring Locations - Assessment Constituents	
MW-101A-12	1,1-Dichloroethane; 1,2-Dichloropropane; Benzene; Chlorobenzene; cis-1,2-Dichloroethene; Tetrachloroethene

4.3 Summary of Comparison to Background

4.3.1 Detection Monitoring Locations

No prediction limit exceedances or DQR detections were identified at GUA-1-2, MW-8A-89, and MW-105A-12 in April 2025. In addition, the barium concentrations of 0.815 mg/L at GUA-1 and 0.729 mg/L at GUA-1-2 were below the 1 mg/L limit established for barium in the underdrain discharge in the alternate source demonstration approval (IDNR, 2024).

In accordance with Special Provision X.5.a.ii, annual monitoring for the Appendix I constituents is conducted at GUA-1 to verify Appendix I concentrations at the discharge pipe and to evaluate changes in the underdrain discharge conditions prior to passive treatment. No prediction limit exceedances were identified. The DQR detections identified at GUA-1 are listed in Table 5. The DQR detections have been identified during previous statistical evaluations. In lieu of retesting, SSIs are declared for 1,1-dichloroethane and benzene at GUA-1 and evaluated for SSLs in Section 5.

4.3.2 Assessment Monitoring Locations

Prediction limit exceedances and DQR detections were identified at MW-9-92 as listed in Tables 4 and 5, respectively. In lieu of retesting for the prediction limit exceedances and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

4.3.2.1 Exiting Assessment Monitoring

Table 6 presents a summary of the assessment monitoring locations and statistical comparisons required for exiting assessment monitoring. As discussed in Section 2, assessment monitoring locations may return to detection monitoring when Appendix II constituents fall below the interwell prediction limit (for constituents which are detected in the background data set) and below the laboratory reporting limit (for constituents which are not detected in the background data set) for three consecutive sampling events.

As shown in Table 6, MW-9-92 has not had all Appendix II constituents below background values for three consecutive sampling events. Therefore, MW-9-92 will not exit assessment monitoring at this time.

Table 6
Evaluation to Exit Assessment Monitoring

Monitoring Location and Date [1]	Constituents Detected in Background are Below Prediction Limits	DQR Constituents are Below Reporting Limit
MW-9-92		
Apr. 2024	No	No
Sep./Oct. 2024	No	No
Apr. 2025	No	No

[1] Table lists the assessment monitoring locations and the last three consecutive assessment monitoring events for each location.

4.3.3 Corrective Action Monitoring Locations - Assessment Constituents

No prediction limit exceedances or DQR detections were identified for MW-2A-89. A prediction limit exceedance and DQR detections were identified at MW-101A-12 as listed in Tables 4 and 5. In lieu of retesting for the prediction limit exceedance and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

5. Comparison to Groundwater Protection Standard

The prediction limit exceedances and DQR detections listed in Tables 4 and 5 were evaluated for SSLs over the GWPS per 567 IAC 113.10(6)f and g. Comparisons to the GWPS were evaluated through statistical confidence intervals under the assessment monitoring null hypothesis. SSLs were declared to exist with statistical certainty when the lower confidence limit exceeds the GWPS.

In contrast, corrective action analyte/well pairs (i.e., those where SSLs have been previously declared) were evaluated to determine compliance with the GWPS per 567 IAC 113.10(9)e. A summary of the corrective action constituents was provided in Table 2. Comparisons to the GWPS in this case were evaluated through statistical confidence intervals under the corrective action monitoring null hypothesis or confidence bands (upper 95% confidence limits) placed around the linear trend line. For corrective action constituents, compliance with the GWPS has been achieved with statistical certainty when the UCL or the upper 95% confidence limit on the trend line is lower than the GWPS for a period of three consecutive years or an alternate length of time established by the IDNR.

Statistical outputs for confidence intervals in assessment mode, regression statistics, confidence bands, and confidence intervals in corrective action mode are included in Attachment 4.

5.1 Adjustments Due to Exiting Corrective Action

As further detailed in Attachment 1, the historical data prior to when statistical compliance with the GWPS was first achieved will be removed when analyte/well pairs exit corrective action and return to assessment constituents. Arsenic in MW-4B-89 exited corrective action and returned to an assessment constituent during the October 2019 statistical evaluation. Tetrachloroethene in MW-1-89 exited corrective action and returned to an assessment constituent during the Fall 2020 statistical evaluation. Tetrachloroethene in MW-101A-12 exited corrective action and returned to an assessment constituent during the Spring 2023 statistical evaluation. Compliance with the GWPS was first achieved in Fall 2016 for arsenic in MW-4B-89, Fall 2017 for tetrachloroethene in MW-1-89, and Spring 2020 for tetrachloroethene in MW-101A-12. The

historical data prior to the initial compliance date was previously recommended for removal. In addition, 1,2-dichlropropane in MW-101A-12 exited corrective action and returned to an assessment constituent in 2025. Compliance with the GWPS was first achieved in Spring 2022 for 1,2-dichloropropane in MW-101A-12; therefore, the historical data prior to Spring 2022 were removed during this statistical evaluation.

The following data set adjustments currently and previously recommended and incorporated due to exiting corrective action include:

- Removal of the Oct. 2007 through Apr. 2016 arsenic data in MW-4B-89.
- Removal of the Oct. 2007 through Mar. 2017 tetrachloroethene data in MW-1-89.
- Removal of the Feb. 2012 through Oct. 2019 tetrachloroethene data in MW-101A-12.
- Removal of the Feb. 2012 through Oct. 2021 1,2-dichloropropane data in MW-101A-12.

5.2 Background as the Arsenic GWPS

With arsenic, the concentrations in the background data set exceed the 40 Code of Federal Regulations (CFR) Part 141 Safe Drinking Water Act Maximum Contaminant Level (MCL) of 0.01 mg/L. Therefore, pursuant to 567 IAC 113.10(6)h, the GWPS for arsenic is taken as background and evaluated with the statistical methods described in Attachment 1 and as recommended in the Unified Guidance (USEPA, 2009). In this instance, the confidence interval (i.e., one-sample) method was evaluated. With background as the GWPS, the upper confidence limit is compared to the background upper tolerance limit with 95% confidence and 95% coverage (discussed in detail in Attachment 1). Statistical output for the arsenic upper tolerance limit is included in Attachment 4.

5.3 Data Concentration Shifts During Corrective Action

Statistically significant decreasing linear trends continued to be identified for barium in MW-2A-89 and trichloroethene and vinyl chloride in MW-101A-12. Consistent with previous memos, 90% confidence bands (upper 95% confidence limits) placed around the linear trend line were used since significantly decreasing linear trends were identified for these well/analyte pairs. Statistical outputs for the 90% confidence bands placed around the linear trend line are included in Attachment 4.

The upper 95% confidence limit remained below the GWPS for barium in MW-2A-89. Conversely, upper 95% confidence limits were above the GWPS for trichloroethene and vinyl chloride in MW-101A-12.

5.4 SSL Summary

A summary of the SSLs evaluated using confidence intervals in assessment mode, confidence intervals in corrective action mode, and confidence bands placed around the linear trend line is provided in Table 7.

Table 7
SSL Summary

Chemical Name	Wells with SSL [1]	Wells without SSL	Groundwater Protection Standard [2]
Detection Monitoring Locations			
1,1-Dichloroethane (ug/L)		GUA-1	140
Benzene (ug/L)		GUA-1	5
Assessment Monitoring Locations			
1,1-Dichloroethane (ug/L)		MW-9-92	140
Arsenic (mg/L)		MW-9-92	0.0461 [3]
Barium (mg/L)		MW-9-92	2
Benzene (ug/L)		MW-9-92	5
Corrective Action Monitoring Locations - Assessment Constituents			
1,1-Dichloroethane (ug/L)		MW-101A-12	140
1,2-Dichloropropane (ug/L)		MW-101A-12	5
Barium (mg/L)		MW-101A-12	2
Benzene (ug/L)		MW-101A-12	5
Chlorobenzene (ug/L)		MW-101A-12	100
cis-1,2-Dichloroethene (ug/L)		MW-101A-12	70
Tetrachloroethene (ug/L)		MW-101A-12	5
Corrective Action Monitoring Locations - Corrective Action Constituents			
Arsenic (mg/L)	MW-2A-89		0.0461 [3]
Barium (mg/L)		MW-2A-89	2
Trichloroethene (ug/L)	MW-101A-12		5
Vinyl Chloride (ug/L)	MW-101A-12		2

[1] Under corrective action null hypothesis, an SSL remains when the upper confidence limit exceeds the GWPS.
[2] Values are the 40 CFR Part 141 Safe Drinking Water Act MCL or 567 IAC Chapter 137 Statewide Standard for a Protected Groundwater Source.
[3] GWPS for arsenic is background. The hypothesis was evaluated through the one-sample confidence limit method where the fixed GWPS was based on the background upper tolerance limit with 95% confidence and 95% coverage (GWPS = 0.0461 mg/L).

5.5 Summary of Comparison to Groundwater Protection Standard

5.5.1 Detection Monitoring Locations

No SSLs were identified at GUA-1.

5.5.2 Assessment Monitoring Locations

No SSLs were identified at the assessment monitoring locations.

5.5.3 Corrective Action Monitoring Locations

No SSLs were identified for the assessment constituents in the corrective action monitoring locations. For the corrective action constituents listed in Table 2, SSLs continue to be identified for arsenic in MW-2A-89 and trichloroethene and vinyl chloride in MW-101A-12. Statistically significant decreasing linear trends continue to be identified for trichloroethene and vinyl chloride in MW-101A-12.

Compliance with the GWPS was achieved for barium in MW-2A-89 starting with the Fall 2022 statistical evaluation and remained compliant this Spring 2025 statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), barium in MW-2A-89 will exit corrective action and return to an assessment constituent in Fall 2025 since compliance with the GWPS was

maintained for three consecutive years. Note that MW-2A-89 will remain in corrective action monitoring until all corrective action constituents are compliant with the GWPS for three consecutive years.

6. Conclusions

The methodology described in Attachment 1 was utilized to conduct the statistical evaluations for locations in the detection, assessment, corrective action, and delineation monitoring programs. A summary of the Spring 2025 statistical results is presented in Table 8 and detailed in the following subsections.

Table 8
Summary of the Spring 2025 Evaluation

Monitoring Location	Monitoring Program	Current Schedule (Apr. 2025) [1,2]	Current SSIs	Corrective Action Constituents [3]		Retesting Parameter [4]	Monitoring Program Changes
				Current SSLs	Achieved Compliance with GWPS		
Downgradient Monitoring Locations							
GUA-1	Detection	Appendix I [5]	1,1-Dichloroethane; Benzene				
GUA-1-2	Detection	Appendix I					
MW-2A-89	Corrective Action	Appendix II		Arsenic	Barium		
MW-8A-89	Detection	Appendix I					
MW-9-92	Assessment	Appendix II	1,1-Dichloroethane; Arsenic; Barium; Benzene				
MW-101A-12	Corrective Action	Appendix II	1,1-Dichloroethane; 1,2-Dichloropropane; Barium; Benzene; Chlorobenzene; cis-1,2-Dichloroethene; Tetrachloroethene	Trichloroethene; Vinyl Chloride			
MW-105A-12	Detection	Appendix I					
Background Monitoring Locations							
MW-15-10R	Background	Appendix II					
MW-16-03	Background	Appendix II					
MW-20-03	Background	Appendix II					
MW-22A-03	Background	Appendix II					
MW-23-03	Background	Appendix II					
MW-106A-12	Background	Appendix II					

N/A = not applicable

VOCs = volatile organic compounds

[1] In Apr. 2025, semiannual monitoring was conducted at GUA-1-2, MW-2A-89, MW-8A-89, MW-9-92, MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, MW-101A-12, MW-105A-12, and MW-106A-12. In accordance with Special Provision X.5.o, annual monitoring is scheduled for Fall 2025 at MW-1-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-11, MW-101B, MW-102A-12, MW-103A-12, MW-104A-12, MW-107A, and MW-108A. Therefore, these locations were not monitored in Apr. 2025.

[2] Unless otherwise noted, the Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Apr. 2025. Resampling for the full set of Appendix II constituents is conducted every 5 years.

[3] Analyte/well pairs with SSLs over the GWPS identified during previous statistical evaluations and have not achieved compliance with the GWPS for 3 consecutive years in accordance with 567 IAC 113.10(9)e(2).

[4] Retest samples will be collected prior to the next semiannual sampling event and will be utilized to determine if any monitoring program changes will be initiated.

[5] In accordance with Special Provision X.5.a.ii, the annual compliance monitoring event at GUA-1 was conducted in Apr. 2025. The next annual monitoring event at GUA-1 will be conducted in Fall 2026.

6.1 Detection Monitoring

Semiannual detection monitoring for the Appendix I list was conducted at GUA-1-2, MW-8A-89, and MW-105A-12 in April 2025. In addition, in accordance with Special Provision X.5.a.ii, the annual compliance monitoring event at GUA-1 was conducted in April 2025.

No SSIs were identified at GUA-1-2, MW-8A-89, and MW-105A-12. In addition, the barium concentration of 0.729 mg/L at GUA-1-2 was below the 1 mg/L limit established in the alternate source demonstration approval (IDNR, 2024).

In accordance with Special Provision X.5.a.ii, annual monitoring for the Appendix I constituents is conducted at GUA-1 to verify Appendix I concentrations at the discharge pipe and to evaluate changes in the underdrain discharge conditions prior to passive treatment. SSIs were identified for 1,1-dichloroethane and benzene at GUA-1, as listed in Table 8. No SSLs were identified at GUA-1. The SSIs identified at GUA-1 were also identified during previous statistical evaluations. Note that barium was previously identified as an SSI at GUA-1. Current and previous barium concentrations at GUA-1 are below the 1 mg/L limit established in the alternate source demonstration approval (IDNR, 2024); therefore, an SSI is no longer identified. For 1,1-dichloroethane, concentrations in the underdrain discharge at GUA-1 increased to a maximum concentration of 4.65 mg/L in April 2016 then exhibited a decreasing trend. Benzene was first detected at GUA-1 in October 2014 and increased to a maximum concentration of 1.01 ug/L in April 2016. After April 2016, benzene concentrations have fluctuated with a slight decreasing trend. Review of the annual monitoring data at GUA-1 indicates continued improvements in the underdrain discharge for Cell A.

Semiannual detection monitoring for the Appendix I list will be conducted at GUA-1-2, MW-8A-89, and MW-105A-12 in Fall 2025. In accordance with Special Provision X.5.o, annual detection monitoring for the Appendix I list will be conducted at MW-3-89, MW-4A-89, and MW-6-89 in Fall 2025. In accordance with Special Provision X.5.a.ii, annual monitoring for the Appendix I constituents will be conducted at GUA-1 in Fall 2026 to verify concentrations at the discharge pipe and to evaluate changes in the underdrain discharge conditions prior to passive treatment.

6.2 Assessment Monitoring

Semiannual assessment monitoring for the Appendix I and detected Appendix II constituents was conducted at MW-9-92 in April 2025.

The SSIs identified at MW-9-92 are summarized in Table 8. Note that arsenic in MW-9-92 was evaluated against background concentrations by the one-sample confidence interval method since background arsenic concentrations exceed the 40 CFR Part 141 Safe Drinking Water Act MCL. The arsenic GWPS was taken as the background upper tolerance limit with 95% confidence and 95% coverage. No SSLs were identified in the assessment monitoring locations.

The Spring 2025 statistical evaluation did not identify all Appendix II constituents below the interwell prediction limit or laboratory reporting limit for three consecutive sampling events at MW-9-92. Therefore, MW-9-92 will not exit assessment monitoring at this time.

Semiannual assessment monitoring for the Appendix I and detected Appendix II constituents will be conducted at MW-9-92 in Fall 2025. In accordance with Special Provision X.5.o, annual assessment monitoring for the Appendix I and detected Appendix II constituents will be conducted at MW-1-89, MW-4B-89, MW-5-89, MW-102A-12, MW-103A-12, and MW-104A-12 in Fall 2025. In accordance with Special Provision X.5.f, the next five-year full Appendix II

resampling events are scheduled for MW-9-92 in Spring 2027; MW-102A-12 and MW-104A-12 in Fall 2028; and MW-1-89, MW-4B-89, MW-5-89, and MW-103A-12 in Fall 2029.

6.3 Corrective Action Monitoring

Semiannual corrective action monitoring for the Appendix I and detected Appendix II constituents was conducted at MW-2A-89 and MW-101A-12 in April 2025.

No SSIs were identified for the assessment constituents at MW-2A-89. The SSIs identified for the assessment constituents at MW-101A-12 are summarized in Table 8. No SSLs were identified for the assessment constituents in the corrective action monitoring locations.

Confidence intervals in corrective action mode or 90% confidence bands around linear trend lines were utilized to evaluate the corrective action constituents listed in Table 2. Arsenic in MW-2A-89 was evaluated against background concentrations by one-sample confidence interval method since background arsenic concentrations exceed the 40 CFR Part 141 Safe Drinking Water Act MCL. The arsenic GWPS was taken as the background upper tolerance limit with 95% confidence and 95% coverage. As shown in Table 8, SSLs over the GWPS remain for arsenic in MW-2A-89 and trichloroethene and vinyl chloride in MW-101A-12. Note that statistically significant decreasing linear trends were identified for trichloroethene and vinyl chloride in MW-101A-12.

Compliance with the GWPS was achieved for barium in MW-2A-89 starting with the Fall 2022 statistical evaluation, and remained compliant in this Spring 2025 statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), barium in MW-2A-89 will exit corrective action and return to an assessment constituent in Fall 2025 since compliance with the GWPS was maintained for three consecutive years. Note that MW-2A-89 will remain in corrective action monitoring until all corrective action constituents are compliant with the GWPS for three consecutive years.

In accordance with 567 IAC 113.10(9)a(1) and the updated remedy implementation schedule (Foth, 2022), semiannual corrective action will be continued at MW-2A-89 and MW-101A-12 in Fall 2025. In accordance with Special Provision X.5.f, the five-year resampling for the full Appendix II list will be conducted at MW-2A-89 and MW-101A-12 in Spring 2029.

6.4 Background Monitoring

Semiannual background monitoring for the Appendix I and detected Appendix II constituents was conducted at MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 in April 2025. This combined background data set was utilized to evaluate SSIs over background for the shallow aquifer. The background data set adjustments discussed in Section 3.1 were utilized.

Semiannual background monitoring for the Appendix I and detected Appendix II constituents will be continued at MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 in Fall 2025. In accordance with Special Provision X.5.f, the next five-year resampling for full Appendix II list is scheduled for Spring 2029 at the background monitoring wells.

Attachment 1
Detailed Discussion of Statistical Methods

Foth

Memorandum

Statistical Methodology

1. Comparison to Background

For determining which parameters will need a formal statistical treatment, the Unified Guidance (USEPA, 2009) suggests splitting monitoring parameters into three distinct groups: a) reliable indicators selected for formal testing; b) other analytes which are monitored for general groundwater quality information but not statistically tested; and c) those meeting the "never-detected" criteria. Only those parameters with some historically detected presence in background need to be included in the first group and treated with a formal statistical test. Any parameter that has never been detected in background is eligible for the third group of "never-detected" constituents. Constituents with detection below the reporting limit (J-flagged data) will be considered "never-detected." As a means of evaluating the third group, the Unified Guidance suggests the Double Quantification Rule (DQR). The DQR is stated in the Unified Guidance as:

"A confirmed exceedance is registered if any well-constituent pair in the '100% non-detect' group exhibits quantified measurements (i.e., at or above the reporting limit[RL]) in two consecutive sample and resample events."

The Unified Guidance also recommends establishing background sample sizes as large as feasible. The guidance recognizes that small sample sizes in background can be "particularly" troublesome, especially in controlling statistical test false positive and negative rates. With parametric tests (such as parametric prediction limits), the false positive rate may be controlled, but at the expense of statistical power. With non-parametric tests (such as non-parametric prediction limits or the "quasi-statistical" DQR), the false positive rate may be unacceptably high. The Unified Guidance suggests that generally at least 8 to 10 separate background measurements be available, recognizing that statistical power continues to increase with larger sample sizes.

Double Quantification Rule

The DQR will be used to evaluate SSIs over background for the Appendix I and II constituents that have not been detected above the reporting limit in the background data set. An SSI will be indicated for any well-constituent pair with quantified measurements at or above the reporting limit noted for two consecutive sample and resample events. If applicable, the resample will be collected prior to next semiannual sampling event.

Interwell Prediction Limits

Interwell prediction limits will be used to statistically evaluate SSIs over background for the Appendix I and II constituents which have been detected above the reporting limit in the background data set. A "1-of-2" retesting plan will be utilized on individual sample results. The 1-of-2 retesting plan as defined in the Unified Guidance concludes that an SSI has occurred when two out of two sample results exceed the prediction limit, while no SSI is concluded if 1-of-2 is below the limit. If applicable, resamples will be collected prior to next semiannual sampling event. The prediction limit for each constituent will be recalculated semiannually.

For interwell constituents with less than or equal to 50% detects in the background data set, a non-parametric prediction limit will be utilized. Prior to the Fall 2022 statistical evaluation, the non-parametric prediction limit was taken as the maximum order statistic (maximum value) of

the background data. With the Fall 2022 statistical evaluation, the analyte sample sizes of the cumulative background dataset were now sufficiently large to warrant using the second highest maximum order statistic for the interwell non-parametric prediction limit as opposed to the maximum value. Based on power curve comparisons to USEPA reference power curves, as well as statistical power estimates given in Unified Guidance Table 19-19, the non-parametric prediction limits were approaching the point of no longer achieving good statistical power when using the maximum value with the current background sample sizes. Utilizing the second highest value as the non-parametric prediction limit attains good levels of statistical power. Therefore, the second highest maximum order statistic (second highest maximum value) of the background data was utilized starting with the Fall 2022 statistical evaluation.

For interwell constituents with greater than 50% detects in the background data set, normality assumptions will be verified using the Shapiro-Wilk normality test. If the background data is not normally distributed, a non-parametric prediction limit will be utilized (as described in the paragraph above). If the background data is normally distributed or can be fit to a normal distribution utilizing a normalizing transformation, then a normal-based parametric prediction limit will be applied.

When considering a lognormal prediction limit, a comparison will be made to the maximum order statistic for the background data set. Lognormal prediction limits can be sensitive to smaller departures from lognormality. That is, if data are not truly lognormal, but also not rejected as lognormal, the prediction limit may be inflated because of the transformation. In choosing a lognormal limit, in addition to the percent detections and lognormal goodness of fit criteria, an additional convention will be applied. If the lognormal limit exceeds the level of twice the maximum background concentration, it is assumed that the lognormal model does not adequately fit the background distribution and a non-parametric prediction limit will be selected.

For interwell constituents with 50% to 85% detects in the background data set, Kaplan-Meier estimation will be applied to manage statistical bias introduced by non-detects. For interwell constituents with over 85% detects in the background data set, half the reporting limit will be used for non-detect data. These estimation methods follow Unified Guidance recommendations and are given in detail in Unified Guidance Chapter 15 (USEPA, 2009).

The parametric prediction limit will be calculated as:

$$PL = \bar{x} + k \cdot s$$

where $\bar{x}$ is the sample mean of the June 2010 through current event background data, *s* is the sample standard deviation, and *k* is the multiplier obtained from the Unified Guidance Table 19-1 (USEPA, 2009) for 1-of-2 interwell prediction limits on observations. In determining *k*, the number of constituents of concern (COCs) for formal statistical evaluation along with the number of downgradient wells need to be identified. Per the basic subdivision discussion presented in Section 19.2.1 of the Unified Guidance, along with the discussion regarding the use of the appendix tables for parametric retesting plans given in pages 19-13 through 19-15 of the Unified Guidance (USEPA, 2009), the *k*-multiplier is chosen based on the number of constituents, wells and evaluations performed annually. When an exact well and COC configuration is not given in the appendix tables, the *k*-multiplier is linearly interpolated as described in page 19-14 of the Unified Guidance (USEPA, 2009).

Sanitas v10.0 software (Sanitas Technologies) is used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects in the upgradient well, and calculate the *k*-multipliers and subsequent prediction limits.

Intrawell Prediction Limits

Intrawell prediction limits are calculated in a similar manner to that described above for the interwell case. A main difference between the two methods is the intrawell limit is calculated from a collection of background measurements within the compliance well. A minimum of eight compliance well background samples will be used when calculating the limit.

A second difference is for the parametric prediction limit, in which the *k*-multiplier is modified from the interwell case, as given in Appendix D Tables 19-10 through 19-18 of the Unified Guidance (USEPA, 2009).

Updating intrawell background is performed periodically. The Unified Guidance (Section 5.3.2) recommends that 4 to 8 new compliance observations be collected prior to updating the background dataset. The guidance also states that "a potential update is predicated on there being no statistically significant increase [SSI] recorded for that well constituent, including since the last update." A two-sample t-test or Wilcoxon rank-sum test between existing intrawell background data and the potential set of newer background data is performed, and a non-significant result (α = 0.05) implies that the newer compliance data can be re-classified as background measurements.

For Wilcoxon rank-sum tests, non-detect results cannot be ranked with certainty and the problem is compounded with multiple PQLs and/or J-flagged values (USEPA, 2009). In comparisons where a substantial fraction of non-detect and/or J-flagged measurements or changing PQLs occur, professional judgment will be utilized for evaluating significant differences between the existing intrawell background data and the potential newer set of background data. Consideration will be given to whether significant differences are due to artificial variation introduced by censored data.

2. Comparison to Groundwater Protection Standard – Assessment Monitoring

According to 567 IAC 113.10(6)f and g, under the assessment monitoring program Appendix II results which have been determined to be statistically above background are also statistically compared to the GWPS. If "Appendix II constituents are detected at statistically significant levels above the GWPS" a notice is placed in the operating record and characterization is begun.

Under 567 IAC 113.10(6)h, the GWPS is the maximum contaminant level (MCL) promulgated under Section 1412 of the Safe Drinking Water Act in 40 Code of Federal Regulations (CFR) Part 141. If no MCL exists, or if background concentrations are higher than the MCL, the GWPS is defined as background. Also, per 567 IAC 113.10(6)i, an alternative GWPS may be established by the Department for constituents for which there is no MCL such as the "health-based concentrations that comply with the statewide standards for groundwater established pursuant to 567-Chapter 137."

When the GWPS is background concentrations, the statistical methods discussed in the above "1. Comparison to Background" are used. When the GWPS is the MCL or an alternative health-based concentration, per the Unified Guidance (USEPA, 2009), "confidence intervals are the recommended general statistical strategy in compliance/assessment or corrective action monitoring." In the case of normally distributed data, a normal-based parametric confidence

interval is used. If the data are not normally distributed a non-parametric confidence interval on the median is used. A lower 99% confidence limit falling above the GWPS implies that concentrations are detected at statistically significant levels above the GWPS with an α-level of 0.01, which is the minimum RCRA regulatory limit from §264.97(i)(2) for an individual test false positive error rate.

The Unified Guidance recognizes that statistical power is also of prime concern to USEPA and that there "should be a high probability that the statistical test will positively identify concentrations that have exceeded a fixed regulatory standard." In compliance/assessment monitoring, instead of pre-specifying the false positive rate prior to computing confidence interval limits, the Unified Guidance suggests the desired level of power (1-β) should be set as an initial target.

For compliance/assessment monitoring purposes, the Unified Guidance (Chapter 22) suggests evaluating increases in the true concentration mean of 1.5 and 2.0 times a fixed standard. (This is similar in concept to the critical power targets in detection monitoring, i.e., 55-60% power at 3σ above background and 80-85% power at 4σ over background). As a general guide, the Unified Guidance suggests there should be at least 70-80% statistical power for detecting increases of 2 times a fixed standard. Specifically, the Unified Guidance recommends there be 50% power of detecting increases in the true concentration mean of 1.5 times a fixed standard (risk ratio of 1.5) and 80% power of detecting increases in the true concentration mean of 2.0 times a fixed standard (risk ratio of 2.0).

To meet these levels of statistical power, α is chosen based on either Unified Guidance Equation 22.1:

$$1 - \beta = G_{T,n-1}\left(t_{1-\alpha,n-1}\middle|\Delta - \sqrt{n}(R-1)\right);$$

where R is the desired risk ratio, $t_{(1-\alpha,n-1)}$ is the (1−α) Student's t-quantile with (n−1) degrees of freedom and G represents the cumulative non-central t-distribution with (n−1) degrees of freedom and noncentrality parameter Δ;

or Unified Guidance Equation 22.2:

$$\alpha \sim 1 - F_{T,n-1}\left(\frac{(R-1)\sqrt{n}}{R\cdot\widehat{CV}} - t_{1-\beta,n-1}\right);$$

where R is the desired risk ratio, n is the sample size, CV is the estimated sample coefficient of variation, $t_{(1-\beta,n-1)}$ is the (1−β) Student's t-quantile with (n−1) degrees of freedom, and F is the cumulative (central) Student's t-distribution function.

The first equation (Unified Guidance Equation 22.1) assumes a coefficient of variation (CV) =1. This version is used if only poorer estimates of the true CV are available. In practice, a convention has been adopted with the statistical updates to utilize Unified Guidance Equation 22.2 in all cases where a parametric confidence interval is calculated and use Unified Guidance Equation 22.1 when non-parametric confidence intervals are calculated. Since a non-parametric confidence interval is based on the median, it is not as sensitive to departures from normality, and the assumption of a CV=1 in Unified Guidance Equation 22.1 should provide a conservative estimate.

Since 0.01 is the minimum RCRA regulatory limit for α, it is never set lower than this. Conversely, the Unified Guidance recognizes the "difficulty of simultaneously attaining the recommended level of power while controlling the false positive rate, especially for small sample sizes and highly variable data." The Unified Guidance suggests a maximum false positive rate of α=0.2 is a reasonable upper bound.

Finally, like the need for defining a SWFPR under detection monitoring, the Unified Guidance (Chapter 7) recognizes there may be concern about the "use of relatively high individual test-wise false positive rates (α) in order to meet a pre-specified power, especially when considering the cumulative false positive error rate across multiple wells and/or constituents." However, "the Unified Guidance considers computation of cumulative SWFPRs in compliance/assessment testing to be problematic, and reliance on individual test false positive rates preferable." Notwithstanding, if several confidence limit calculations are compared to the GWPS with high α-levels, caution should be taken in the interpretation.

For calculation of confidence intervals, Sanitas® v9.6 software is again used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects, and calculate either parametric or nonparametric confidence limits.

3. Comparison to Groundwater Protection Standard – Corrective Action Monitoring

As stated above, if "Appendix II constituents are detected at statistically significant levels above the GWPS" a notice is placed in the operating record and characterization is begun. Owners or operators are required to initiate an assessment of corrective measures, select a remedy, and implement a remedy in accordance with 567 IAC 113.10(7), (8), and (9). For remedy completion in accordance with 567 IAC 113.10(9)e(2), compliance with the GWPS is considered achieved by demonstrating that concentrations of Appendix II constituents have not exceeded the GWPS for a period of three consecutive years or an alternate length of time established by the Department.

Starting with the Fall 2019 statistical evaluation, individual analyte/well pairs may return to assessment constituents (at the corrective action monitoring location) once compliance with the GWPS has been achieved for a period of 3 years. Note that monitoring wells will not move out of the corrective action monitoring program until all Appendix II constituents have achieved compliance with the GWPS for a period of three consecutive years.

Confidence Intervals in Corrective Action Mode

In the case of the GWPS being a fixed standard as either the 40 CFR Part 141 Safe Drinking Water Act MCL or the 567 IAC Chapter 137 Statewide Standard for a Protected Groundwater Source, "confidence intervals are the recommended general statistical strategy in compliance/assessment or corrective action monitoring" (USEPA, 2009). However, a primary difference between confidence intervals as used under assessment monitoring and confidence intervals used under corrective action is reversal of the null hypothesis. As detailed in Section 7.2 of the Unified Guidance (USEPA, 2009), the hypothesis testing structure under assessment monitoring is to presume compliance point concentrations do not to exceed the fixed standard unless sampling data indicates otherwise. As a formal statistical hypothesis, this is written as:

$$H_0: \Theta \leq G \quad \text{vs.} \quad H_A: \Theta > G$$

In corrective action mode, the hypothesis is reversed. Namely, compliance point concentrations are presumed to exceed the fixed standard and evidence must be presented to demonstrate regulatory compliance. In the case of corrective action, the statistical hypothesis is written as:

$$H_0: \Theta > G \quad \text{vs.} \quad H_A: \Theta \leq G$$

For testing under assessment monitoring, a lower confidence limit (LCL) is compared to the compliance standard *G*. If the LCL is larger than the standard *G*, it is concluded that the compliance standard has been violated.

However, under corrective action monitoring, the upper confidence limit (UCL) is compared to the compliance standard *G*. In this case, the UCL should lie below the standard to accept the alternative hypothesis that concentration levels are in compliance.

The UCL α-level under corrective action monitoring is set so that a high degree of confidence is achieved in declaring successful remediation. Per the Unified Guidance (Section 7.4.2) "EPA's overriding concern in corrective action is that remediation efforts are not declared successful without sufficient statistical proof." The Unified Guidance "recommends the use of a reasonably low, fixed test-wide false positive rate (e.g., α = 0.05 or 0.10)." In this case, α = 0.10 corresponds to a 90% UCL.

<u>GWPS as Background</u>

Pursuant to 567 IAC 113.10(6)h, when background concentrations of an analyte exceed the applicable MCL or IAC Statewide Standard for a Protected Groundwater Source, the GWPS is the background concentration. In this case, the GWPS is not a fixed standard but based on a distribution of background sample results.

Section 7.5 of the Unified Guidance (USEPA, 2009) details statistical hypothesis testing under corrective action when the GWPS is background. The Unified Guidance offers two alternative statistical approaches to hypothesis testing in this case. These alternatives are as follows:

A. The first represents a *two-sample* test of two distinct populations, namely the compliance well to background populations. Similar to the statistical tests used under detection and assessment monitoring, with this alternative under corrective action, the Unified Guidance states that "one highly recommended statistical test approach is a prediction limit." The Unified Guidance also states, "whatever the critical value for a selected background test, it becomes the GWPS under compliance/assessment or corrective action monitoring." Further, "the only allowable hypothesis test structure for the two-sample approach follows that of detection and compliance monitoring. Once exceeded and in corrective action, a return to compliance is through evidence that future samples lie below the GWPS using the same hypothesis structure." Therefore, with this approach in corrective action, prediction limits are calculated similarly as in assessment monitoring. Compliance well concentrations below a prediction limit indicate a return to concentrations below the background GWPS.
B. The second involves computation of a fixed statistic from the background data as the GWPS. The Unified Guidance recommendation in this case is to define a fixed GWPS based on a background upper tolerance limit with 95% confidence and 95% coverage. This is designed to be a "reasonable maximum on the likely range of background concentrations." This upper tolerance limit based on background data is then used as a fixed standard in statistical comparisons with 90% or 95% UCLs from compliance wells as discussed previously. Also, with the UCL method, the null hypothesis is reversed from

that of assessment monitoring, assuming contamination is above the GWPS. A UCL falling below the background GWPS offers evidence of a return to concentrations below the GWPS. The Unified Guidance refers to this approach as a *single-sample* testing method, since the compliance well population is tested against a defined fixed standard.

The Unified Guidance discusses tradeoffs between the two approaches and does not necessarily prescribe either approach over the other. The Unified Guidance suggests that both approaches may be used, where "the background GWPS would be a range based on the two testing methods rather than a single value."

Normality

For calculation of confidence intervals, Sanitas® v9.6 software is again used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects, and calculate either parametric or nonparametric confidence limits. "Corrective Action Mode" is selected for this analysis.

Non-Corrective Action Constituents

As recommended in the Unified Guidance (USEPA, 2009), confidence intervals in corrective action mode will be utilized to evaluate only constituents and monitoring locations with previously identified SSLs over the GWPS. Other compliance constituents (i.e., those without SSLs over the GWPS during prior statistical evaluations) will continue to be evaluated using the "1. Comparison to Background" and "2. Comparison to Groundwater Protection Standard – Assessment Monitoring" methods described above.

Note: The Unified Guidance (USEPA, 2009) states: "it should be recognized that once corrective action or remediation activities are initiated, there will be a considerable time during which the GWPS may still be exceeded. As provided in the RCRA regulations, it is at the conclusion of remediation activities that formal corrective action monitoring evaluation is appropriate. However, in the intervening period of remedial activity, well constituents can still be monitored, and the relative efficacy of remediation measures tracked. The same corrective action hypothesis can be assumed for the targeted constituents; techniques such as trend testing may be appropriate interim applications." Given the statement above and the intentions of 567 IAC 113.10(6)g, as soon as an SSL is identified for an assessment monitoring constituent/location, then the next statistical evaluation will utilize corrective action monitoring (confidence intervals in corrective action mode).

Data Concentration Shifts During Corrective Action

Confidence intervals assume that the population is stable over time. As a result, confidence intervals may not accurately represent the current well concentrations if increasing or decreasing trends are observed (i.e., during a release or under active remediation). Per the Unified Guidance (USEPA, 2009), lower or upper confidence limits constructed on accumulated data may be overly wide (due to high sample variability caused by combining pre- and post-shift data) and may not be reflective of more recent upward/downward shifts in the contaminant distribution.

Alternative procedures may be applied to data sets with shifting distributions. For example, where trends tests are significant, pre-shift data may be removed from the well/parameter data set for the purposes of constructing the confidence interval. "The reduction in sample size will often be more than offset by the gain in statistical power. More recent measurements may exhibit less variation around the shifted mean value, resulting in a shorter confidence interval" (USEPA, 2009).

Another alternative is to construct confidence bands around the trend line to track progress towards exceeding or meeting a fixed standard. As suggested in the Unified Guidance (Chapter 22), if a trend is present, a 90% confidence band (upper 95% confidence limit) is placed on the linear trend line. If the upper 95% confidence limit on the trend line falls below the GWPS, the well is found to have reduced to levels statistically below the GWPS.

As the discussed in the Unified Guidance, "inferences concerning a linear regression are generally appropriate when two conditions hold: 1) the residuals from the regression are approximately normal or at least reasonably symmetric in distribution; and 2) a plot of residuals versus concentrations indicates a scatter cloud of essentially uniform vertical thickness or width." These conditions are assessed through normal probability plots of the regression residuals and plots of residuals against the predicted concentrations.

Data Adjustments Due to Exiting Corrective Action

When analyte/well pairs exit corrective action and return to assessment constituents, the hypothesis testing structure is reversed again. In corrective action mode, compliance point concentrations were presumed to exceed the GWPS, and evidence must be presented to demonstrated regulatory compliance (i.e., UCLs below the GWPS for three consecutive years). With the return to assessment constituents, analyte/well pairs have demonstrated regulatory compliance. The hypothesis testing structure reverts to the assessment monitoring structure where compliance point concentrations are presumed to not exceed the GWPS unless sampling data indicates otherwise (i.e., LCL is above the GWPS). With this reversion in hypothesis, the focus shifts to evaluating concentration changes in the analyte/well pair that would indicate an increase over the GWPS and re-trigger corrective action. For constituents with historical SSLs, earlier concentrations that had previously triggered corrective action are no longer providing useful information regarding the current assessment monitoring hypothesis. Retaining the historical data during the timeframe in which the GWPS was exceeded will result in the regression or confidence interval methods being slower to respond to new increases. As a result, the historical data prior to when statistical compliance with the GWPS was first achieved will be removed when analyte/well pairs exit corrective action and return to assessment constituents.

Attachment 2
Sanitas Report Output for Interwell Prediction Limit Calculations

Interwell Prediction Limit [1]

Constituent Name	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Detection Monitoring Locations													
Antimony (mg/L)	GUA-1	0.00126	4/8/2025	0.001ND	No	143	n/a	n/a	84	n/a	n/a	0.0002878	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GUA-1-2	0.00126	4/8/2025	0.001ND	No	143	n/a	n/a	84	n/a	n/a	0.0002878	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-8A-89	0.00126	4/8/2025	0.001ND	No	143	n/a	n/a	84	n/a	n/a	0.0002878	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-105A-12	0.00126	4/8/2025	0.001ND	No	143	n/a	n/a	84	n/a	n/a	0.0002878	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GUA-1	0.0405	4/8/2025	0.0295	No	157	n/a	n/a	31	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Arsenic (mg/L)	GUA-1-2	0.0405	4/8/2025	0.00648	No	157	n/a	n/a	31	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-8A-89	0.0405	4/8/2025	0.000911J	No	157	n/a	n/a	31	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-105A-12	0.0405	4/8/2025	0.00467	No	157	n/a	n/a	31	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-8A-89	0.606	4/8/2025	0.045	No	161	n/a	n/a	0	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-105A-12	0.606	4/8/2025	0.262	No	161	n/a	n/a	0	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Beryllium (mg/L)	GUA-1	0.00191	4/8/2025	0.0005ND	No	161	n/a	n/a	92	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GUA-1-2	0.00191	4/8/2025	0.0005ND	No	161	n/a	n/a	92	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-8A-89	0.00191	4/8/2025	0.0005ND	No	161	n/a	n/a	92	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-105A-12	0.00191	4/8/2025	0.0005ND	No	161	n/a	n/a	92	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	GUA-1	0.00136	4/8/2025	0.0001ND	No	161	n/a	n/a	60	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	GUA-1-2	0.00136	4/8/2025	0.0001ND	No	161	n/a	n/a	60	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-8A-89	0.00136	4/8/2025	0.0001ND	No	161	n/a	n/a	60	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-105A-12	0.00136	4/8/2025	0.0001ND	No	161	n/a	n/a	60	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GUA-1	0.0245	4/8/2025	0.0025ND	No	162	n/a	n/a	85	n/a	n/a	0.0002244	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GUA-1-2	0.0245	4/8/2025	0.0025ND	No	162	n/a	n/a	85	n/a	n/a	0.0002244	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-8A-89	0.0245	4/8/2025	0.0025ND	No	162	n/a	n/a	85	n/a	n/a	0.0002244	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-105A-12	0.0245	4/8/2025	0.0025ND	No	162	n/a	n/a	85	n/a	n/a	0.0002244	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	GUA-1	0.0182	4/8/2025	0.000818	No	157	n/a	n/a	22	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GUA-1-2	0.0182	4/8/2025	0.000692	No	157	n/a	n/a	22	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-8A-89	0.0182	4/8/2025	0.00025ND	No	157	n/a	n/a	22	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-105A-12	0.0182	4/8/2025	0.00738	No	157	n/a	n/a	22	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Copper (mg/L)	GUA-1	0.0425	4/8/2025	0.0025ND	No	163	n/a	n/a	69	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Copper (mg/L)	GUA-1-2	0.0425	4/8/2025	0.0025ND	No	163	n/a	n/a	69	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-8A-89	0.0425	4/8/2025	0.0025ND	No	163	n/a	n/a	69	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-105A-12	0.0425	4/8/2025	0.0025ND	No	163	n/a	n/a	69	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Lead (mg/L)	GUA-1	0.0128	4/8/2025	0.00025ND	No	163	n/a	n/a	79	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Lead (mg/L)	GUA-1-2	0.0128	4/8/2025	0.00025ND	No	163	n/a	n/a	79	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-8A-89	0.0128	4/8/2025	0.00025ND	No	163	n/a	n/a	79	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-105A-12	0.0128	4/8/2025	0.00025ND	No	163	n/a	n/a	79	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GUA-1	0.149	4/8/2025	0.018	No	161	n/a	n/a	35	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Nickel (mg/L)	GUA-1-2	0.149	4/8/2025	0.0177	No	161	n/a	n/a	35	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-8A-89	0.149	4/8/2025	0.00395J	No	161	n/a	n/a	35	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-105A-12	0.149	4/8/2025	0.0121	No	161	n/a	n/a	35	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Silver (mg/L)	GUA-1	0.00095	4/8/2025	0.0005ND	No	137	n/a	n/a	94	n/a	n/a	0.000314	NP Inter (NDs) 1 of 2
Silver (mg/L)	GUA-1-2	0.00095	4/8/2025	0.0005ND	No	137	n/a	n/a	94	n/a	n/a	0.000314	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-8A-89	0.00095	4/8/2025	0.0005ND	No	137	n/a	n/a	94	n/a	n/a	0.000314	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-105A-12	0.00095	4/8/2025	0.0005ND	No	137	n/a	n/a	94	n/a	n/a	0.000314	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GUA-1	0.0304	4/8/2025	0.0025ND	No	163	n/a	n/a	60	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GUA-1-2	0.0304	4/8/2025	0.0025ND	No	163	n/a	n/a	60	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-8A-89	0.0304	4/8/2025	0.0025ND	No	163	n/a	n/a	60	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-105A-12	0.0304	4/8/2025	0.0025ND	No	163	n/a	n/a	60	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GUA-1	0.0705	4/8/2025	0.01ND	No	164	n/a	n/a	83	n/a	n/a	0.0002196	NP Inter (NDs) 1 of 2

Interwell Prediction Limit [1]

Constituent Name	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Detection Monitoring Locations Continued													
Zinc (mg/L)	GUA-1-2	0.0705	4/8/2025	0.01ND	No	164	n/a	n/a	83	n/a	n/a	0.0002196	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-8A-89	0.0705	4/8/2025	0.01ND	No	164	n/a	n/a	83	n/a	n/a	0.0002196	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-105A-12	0.0705	4/8/2025	0.01ND	No	164	n/a	n/a	83	n/a	n/a	0.0002196	NP Inter (NDs) 1 of 2
Assessment Monitoring Locations													
Antimony (mg/L)	MW-9-92	0.00126	4/8/2025	0.001ND	No	143	n/a	n/a	84	n/a	n/a	0.0002878	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-9-92	0.0405	4/8/2025	0.0846	Yes	157	n/a	n/a	31	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-9-92	0.606	4/8/2025	0.826	Yes	161	n/a	n/a	0	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Beryllium (mg/L)	MW-9-92	0.00191	4/8/2025	0.0005ND	No	161	n/a	n/a	92	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-9-92	0.00136	4/8/2025	0.0001ND	No	161	n/a	n/a	60	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-9-92	0.0245	4/8/2025	0.0025ND	No	162	n/a	n/a	85	n/a	n/a	0.0002244	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-9-92	0.0182	4/8/2025	0.00794	No	157	n/a	n/a	22	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Copper (mg/L)	MW-9-92	0.0425	4/8/2025	0.0025ND	No	163	n/a	n/a	69	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-9-92	0.0128	4/8/2025	0.00025ND	No	163	n/a	n/a	79	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-9-92	0.149	4/8/2025	0.0208	No	161	n/a	n/a	35	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Silver (mg/L)	MW-9-92	0.00095	4/8/2025	0.0005ND	No	137	n/a	n/a	94	n/a	n/a	0.000314	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-9-92	0.0304	4/8/2025	0.0025ND	No	163	n/a	n/a	60	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-9-92	0.0705	4/8/2025	0.01ND	No	164	n/a	n/a	83	n/a	n/a	0.0002196	NP Inter (NDs) 1 of 2
Corrective Action Monitoring Locations - Assessment Constituents													
Antimony (mg/L)	MW-2A-89	0.00126	4/8/2025	0.001ND	No	143	n/a	n/a	84	n/a	n/a	0.0002878	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-101A-12	0.00126	4/8/2025	0.001ND	No	143	n/a	n/a	84	n/a	n/a	0.0002878	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-101A-12	0.0405	4/8/2025	0.0117	No	157	n/a	n/a	31	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-101A-12	0.606	4/8/2025	0.846	Yes	161	n/a	n/a	0	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Beryllium (mg/L)	MW-2A-89	0.00191	4/8/2025	0.0005ND	No	161	n/a	n/a	92	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-101A-12	0.00191	4/8/2025	0.0005ND	No	161	n/a	n/a	92	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-2A-89	0.00136	4/8/2025	0.0001ND	No	161	n/a	n/a	60	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-101A-12	0.00136	4/8/2025	0.0001ND	No	161	n/a	n/a	60	n/a	n/a	0.0002268	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-2A-89	0.0245	4/8/2025	0.0025ND	No	162	n/a	n/a	85	n/a	n/a	0.0002244	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-101A-12	0.0245	4/8/2025	0.0025ND	No	162	n/a	n/a	85	n/a	n/a	0.0002244	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-2A-89	0.0182	4/8/2025	0.004	No	157	n/a	n/a	22	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-101A-12	0.0182	4/8/2025	0.000603	No	157	n/a	n/a	22	n/a	n/a	0.0002395	NP Inter (normality) 1 of 2
Copper (mg/L)	MW-2A-89	0.0425	4/8/2025	0.0025ND	No	163	n/a	n/a	69	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-101A-12	0.0425	4/8/2025	0.0025ND	No	163	n/a	n/a	69	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-2A-89	0.0128	4/8/2025	0.00025ND	No	163	n/a	n/a	79	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-101A-12	0.0128	4/8/2025	0.00025ND	No	163	n/a	n/a	79	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-2A-89	0.149	4/8/2025	0.00417J	No	161	n/a	n/a	35	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-101A-12	0.149	4/8/2025	0.0025ND	No	161	n/a	n/a	35	n/a	n/a	0.0002268	NP Inter (normality) 1 of 2
Silver (mg/L)	MW-2A-89	0.00095	4/8/2025	0.0005ND	No	137	n/a	n/a	94	n/a	n/a	0.000314	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-101A-12	0.00095	4/8/2025	0.0005ND	No	137	n/a	n/a	94	n/a	n/a	0.000314	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-2A-89	17.3	4/8/2025	1.5ND	No	95	n/a	n/a	92	n/a	n/a	0.0006424	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-2A-89	0.0304	4/8/2025	0.0025ND	No	163	n/a	n/a	60	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-101A-12	0.0304	4/8/2025	0.0025ND	No	163	n/a	n/a	60	n/a	n/a	0.000222	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-2A-89	0.0705	4/8/2025	0.01ND	No	164	n/a	n/a	83	n/a	n/a	0.0002196	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-101A-12	0.0705	4/8/2025	0.01ND	No	164	n/a	n/a	83	n/a	n/a	0.0002196	NP Inter (NDs) 1 of 2

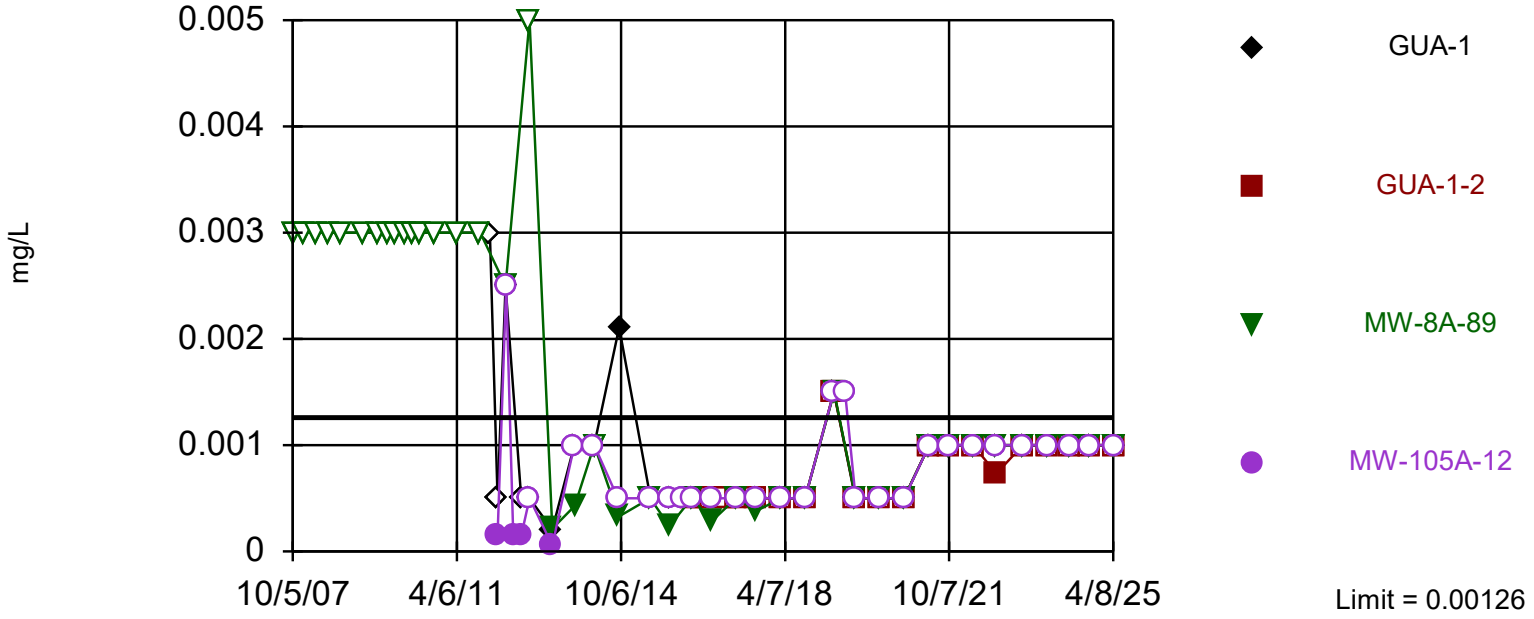
[1] Interwell prediction limit data consists of the detected Appendix I and II parameters in the combined MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 data set. Note that background data set adjustments were incorporated in accordance with Section 3.1 of the Spring 2025 Statistical Evaluation memo.

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 143 background values. 83.92% NDs. Annual per-constituent alpha = 0.004595. Individual comparison alpha = 0.0002878 (1 of 2).

Constituent: Antimony Analysis Run 6/2/2025 11:20 AM

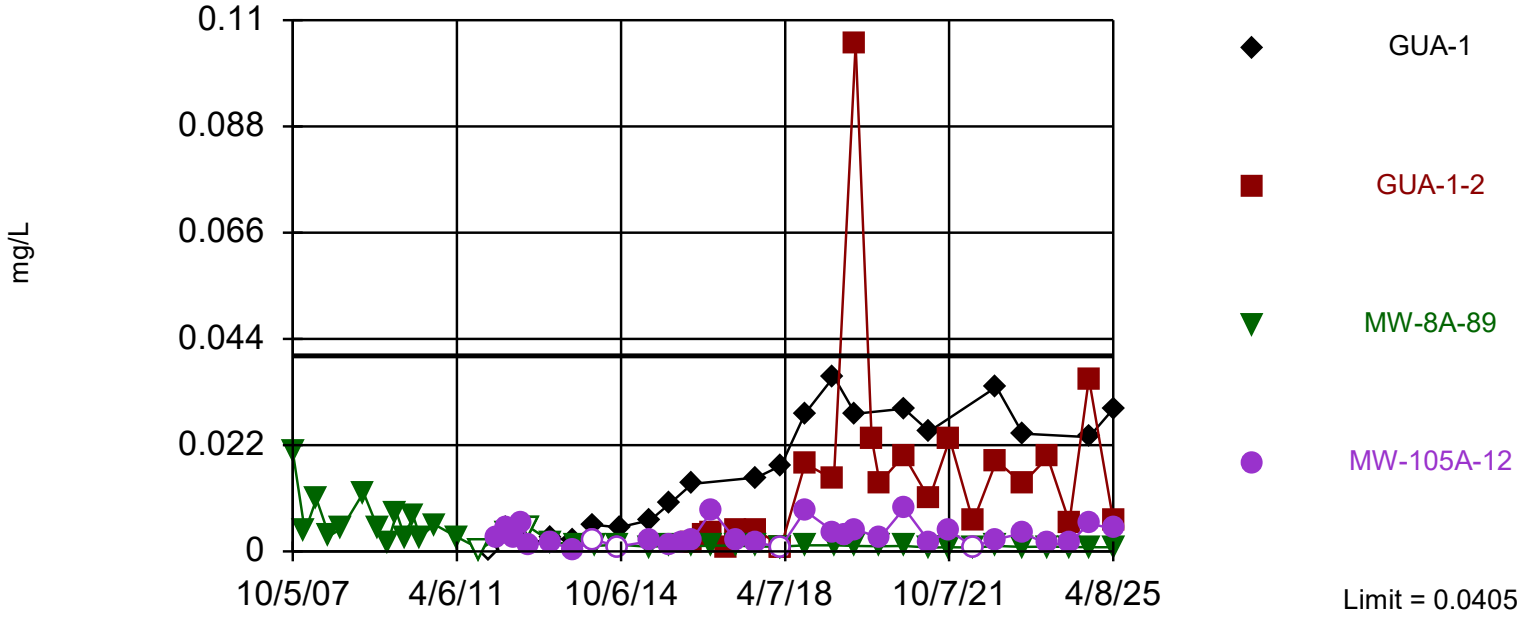
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 157 background values. 31.21% NDs. Annual per-constituent alpha = 0.003825. Individual comparison alpha = 0.0002395 (1 of 2).

Constituent: Arsenic Analysis Run 6/2/2025 11:20 AM

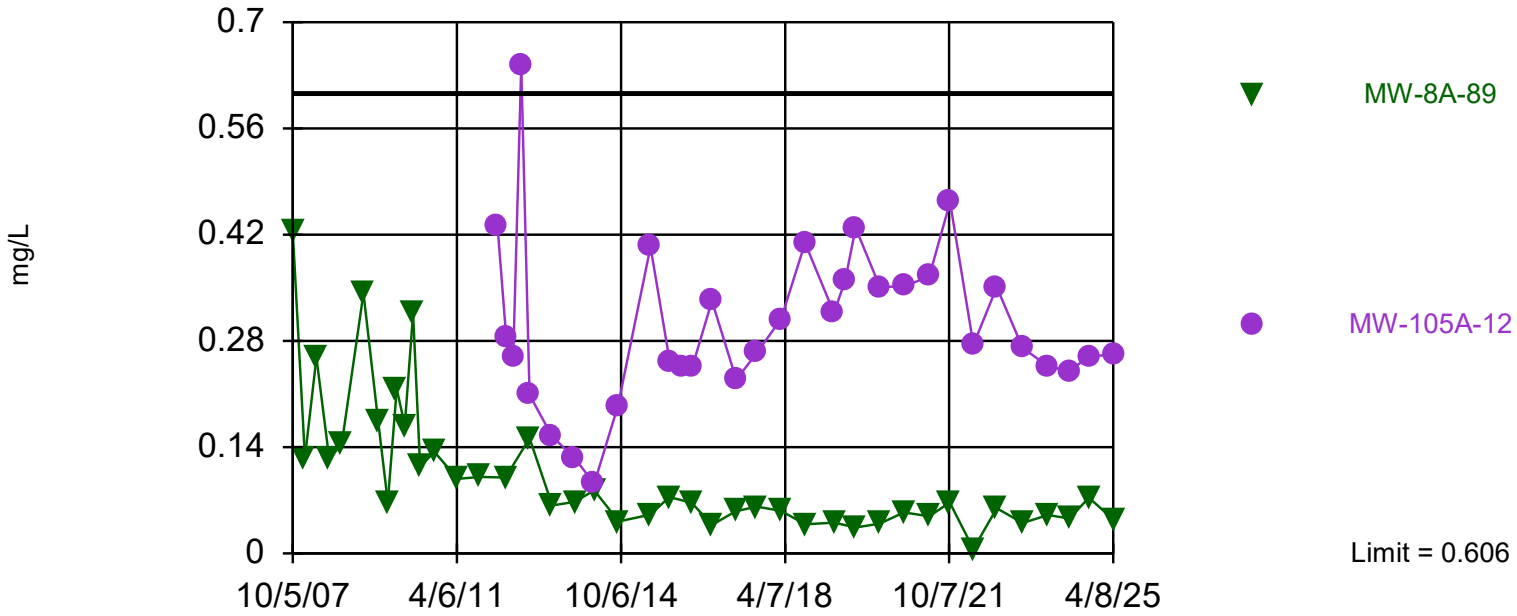
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Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 161 background values. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Barium Analysis Run 6/2/2025 11:20 AM

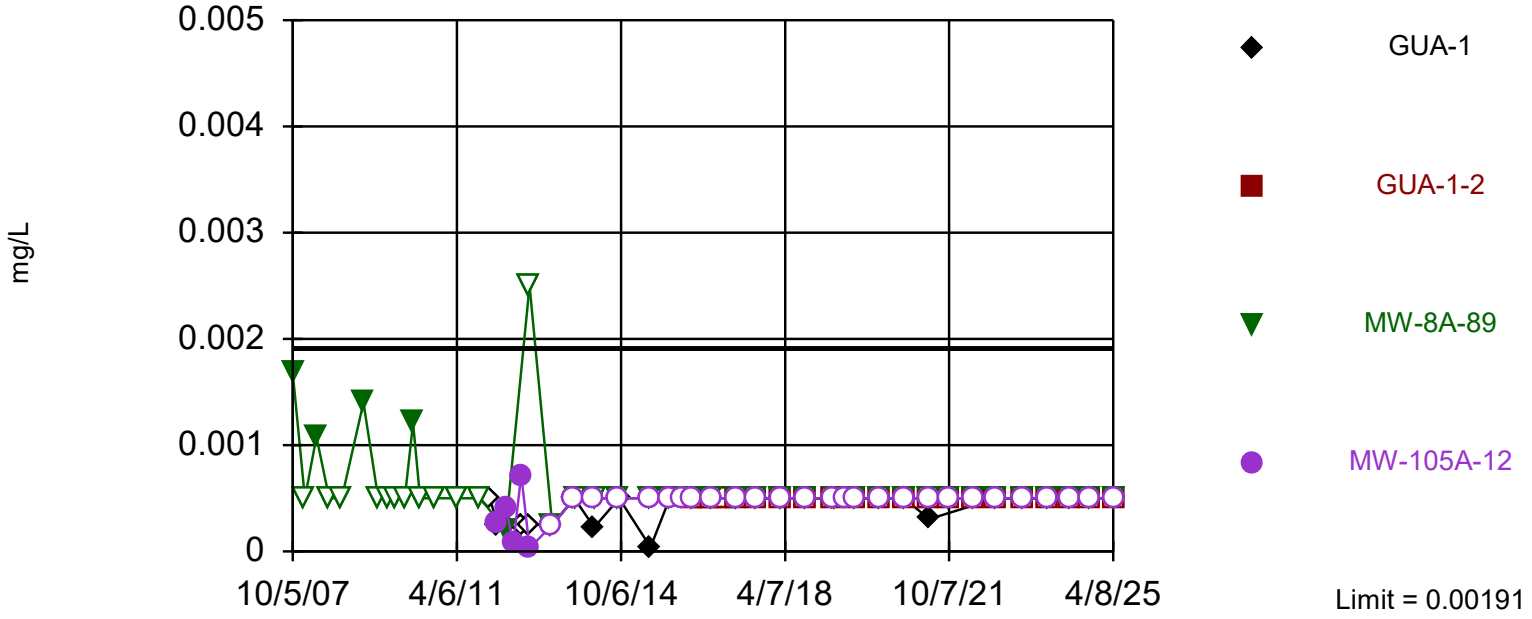
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 161 background values. 91.93% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Beryllium Analysis Run 6/2/2025 11:20 AM

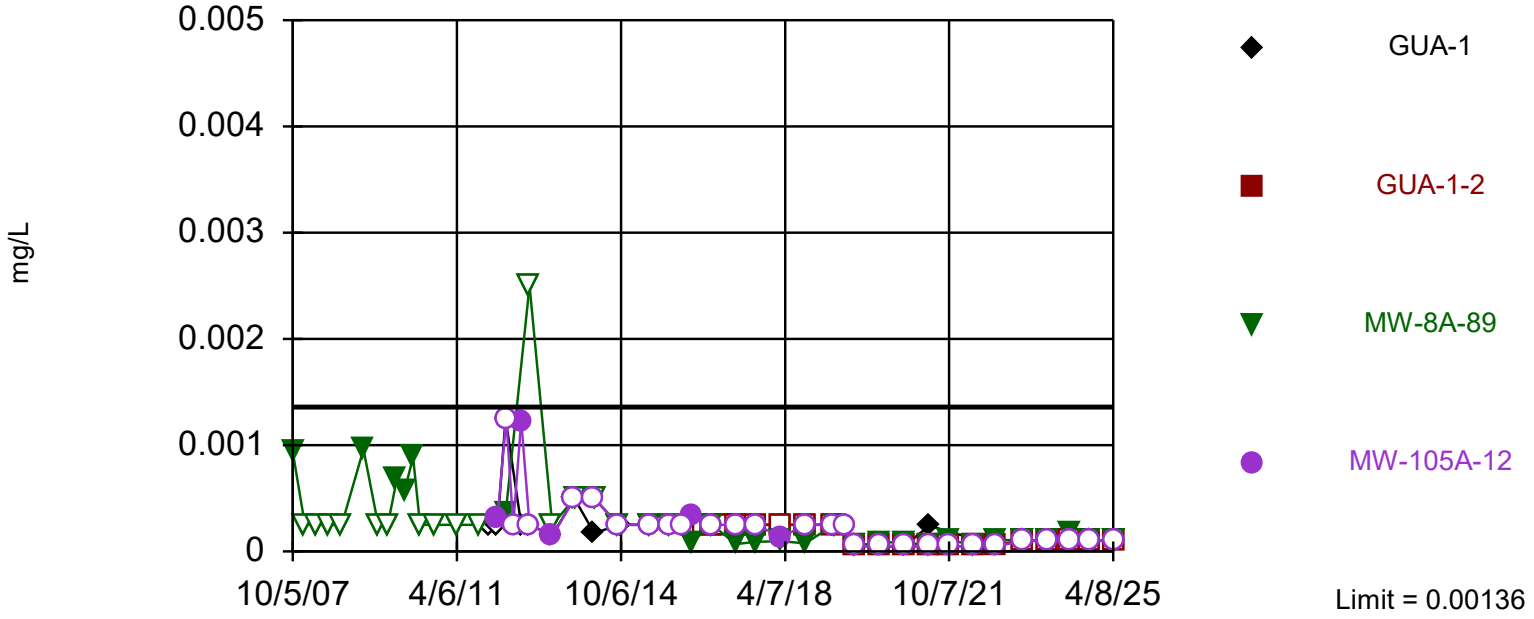
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 161 background values. 59.63% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Cadmium Analysis Run 6/2/2025 11:20 AM

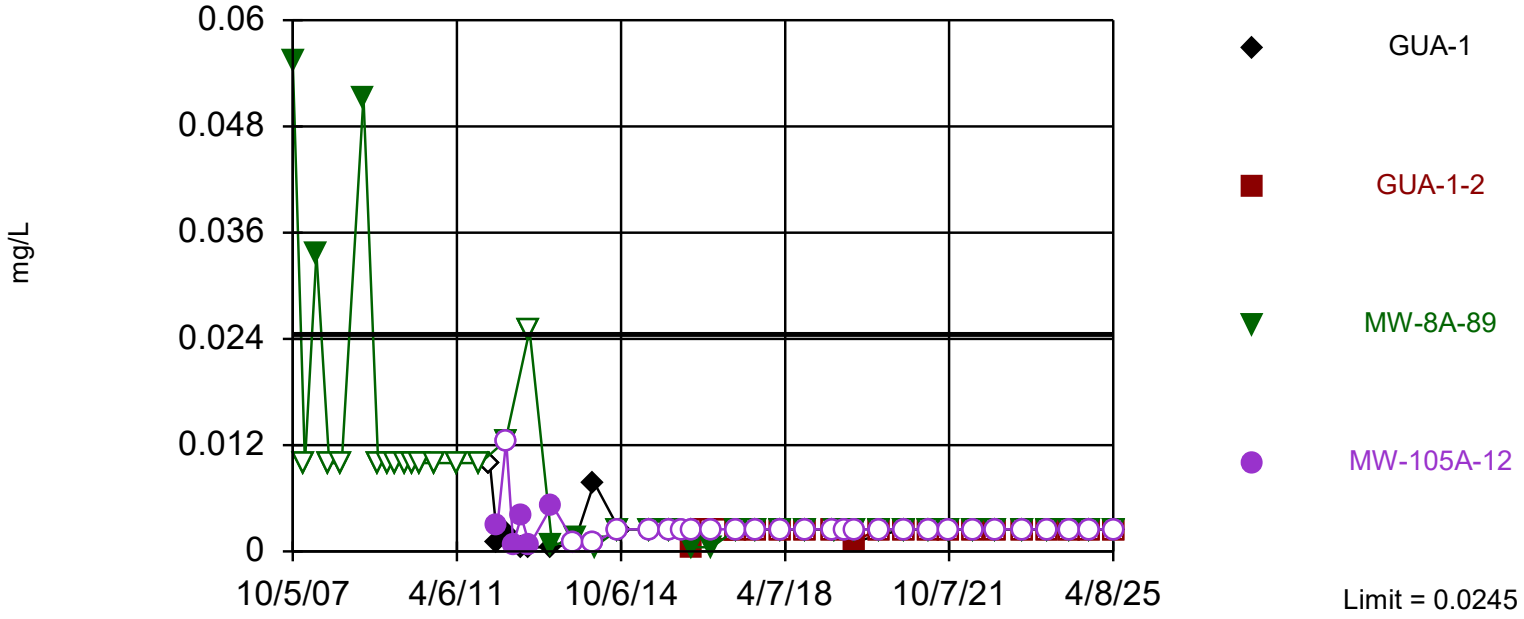
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 162 background values. 84.57% NDs. Annual per-constituent alpha = 0.003584. Individual comparison alpha = 0.0002244 (1 of 2).

Constituent: Chromium Analysis Run 6/2/2025 11:20 AM

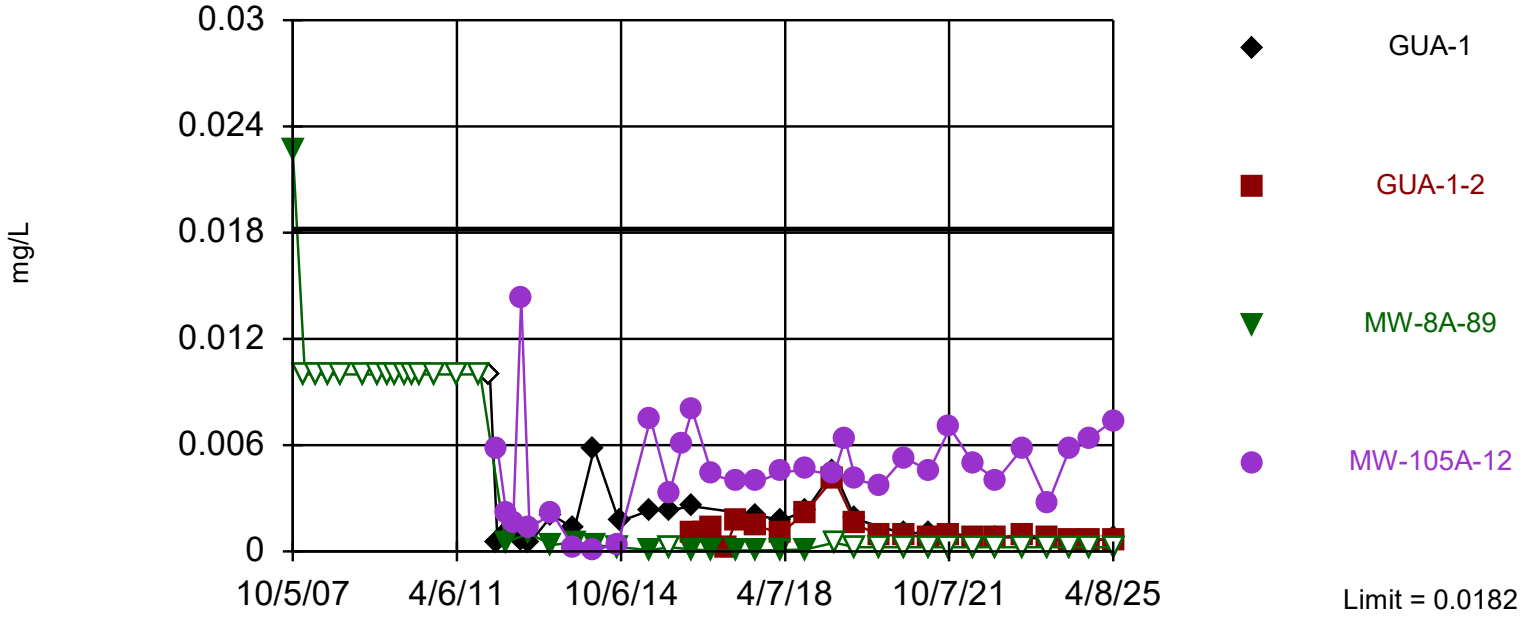
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 157 background values. 21.66% NDs. Annual per-constituent alpha = 0.003825. Individual comparison alpha = 0.0002395 (1 of 2).

Constituent: Cobalt Analysis Run 6/2/2025 11:20 AM

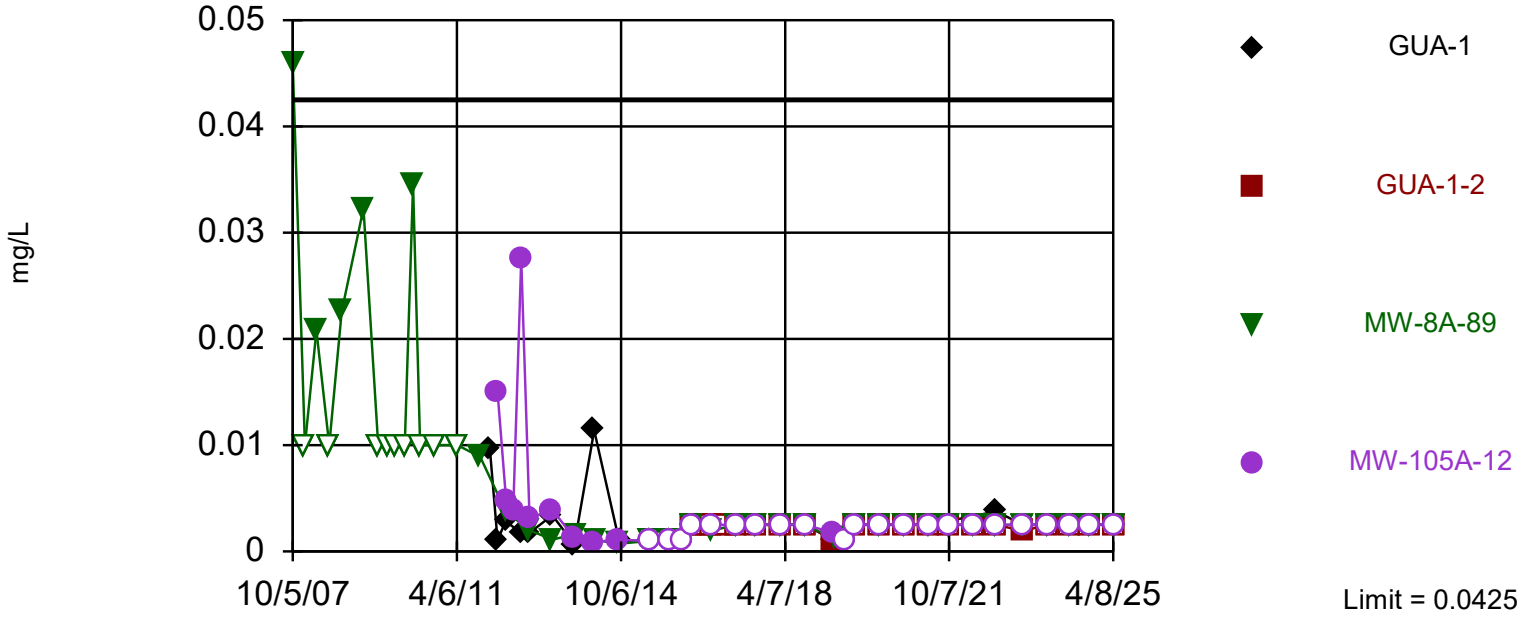
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 68.71% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Copper Analysis Run 6/2/2025 11:20 AM

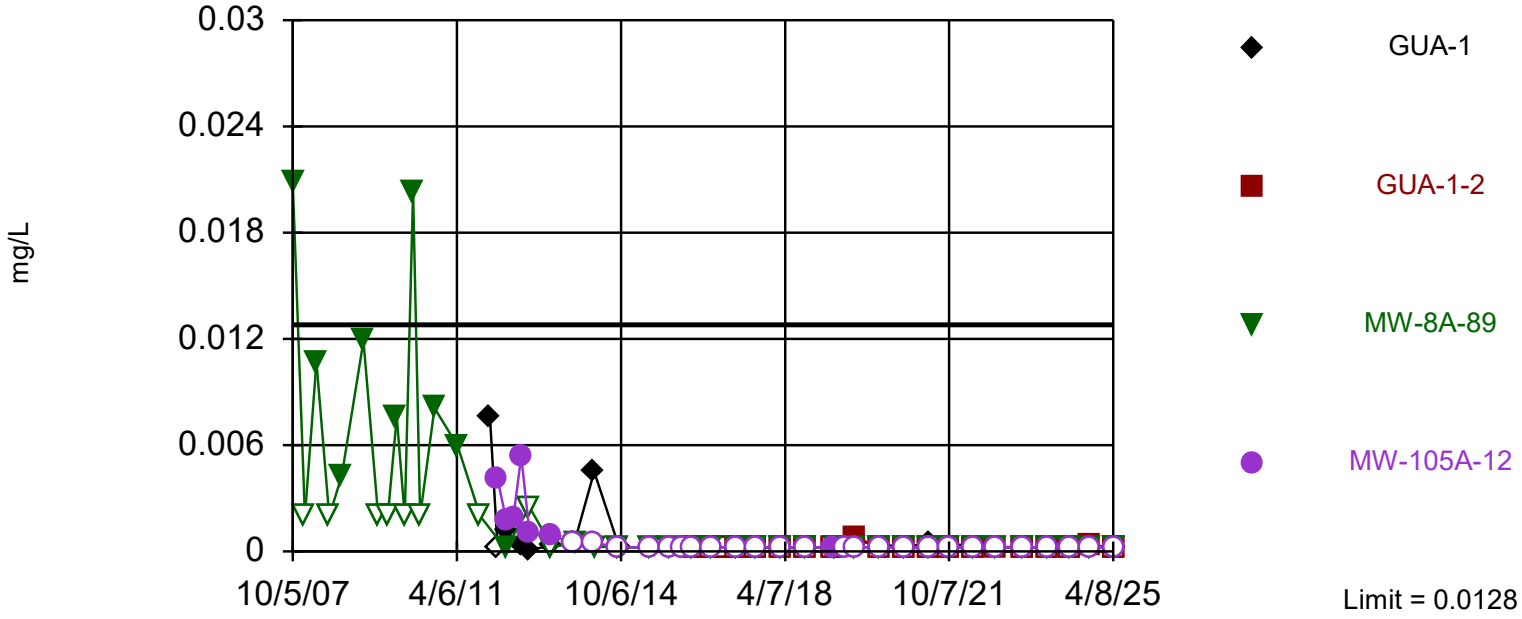
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 78.53% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Lead Analysis Run 6/2/2025 11:20 AM

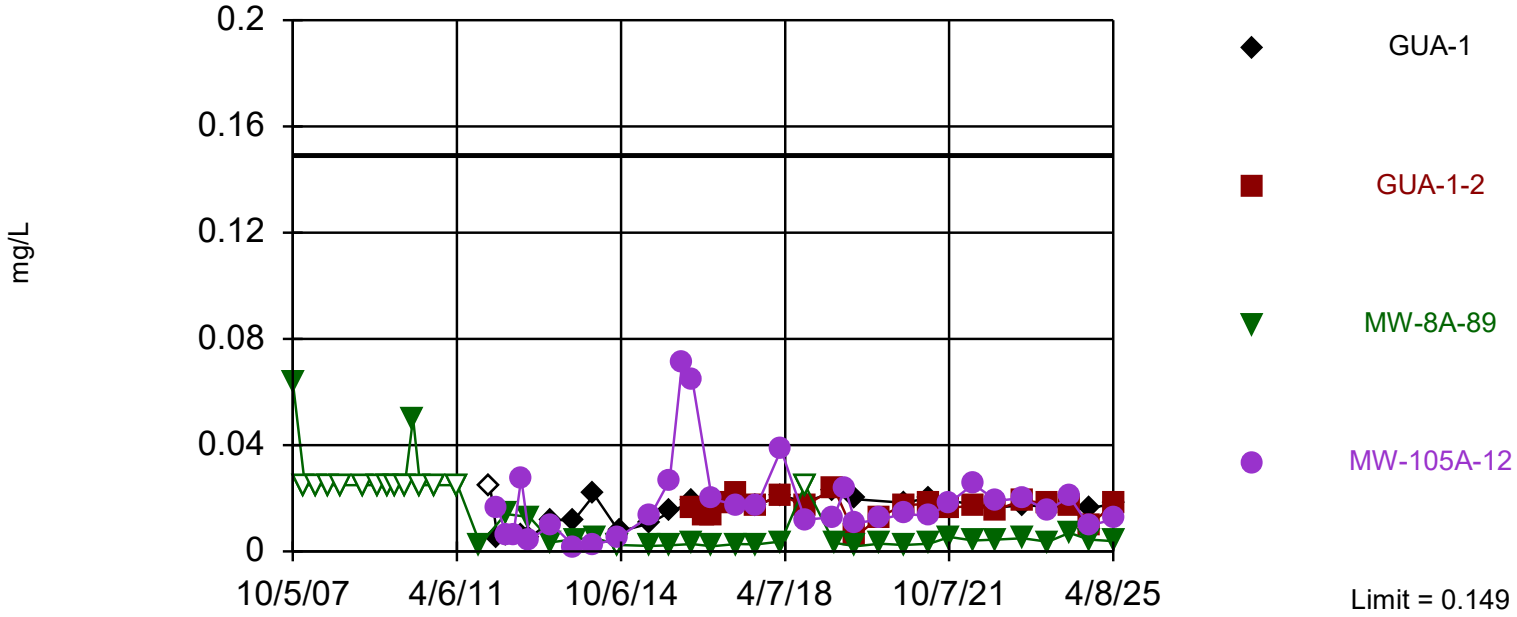
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 161 background values. 34.78% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Nickel Analysis Run 6/2/2025 11:20 AM

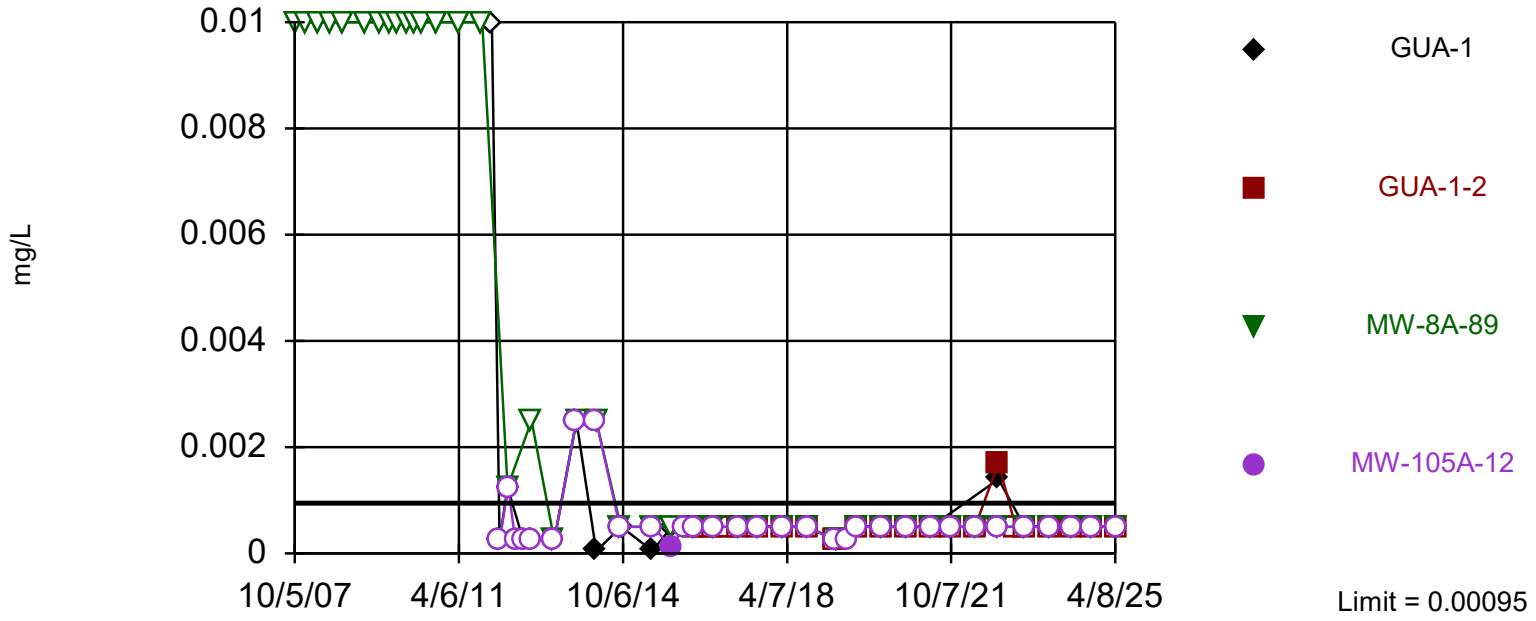
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 137 background values. 94.16% NDs. Annual per-constituent alpha = 0.005012. Individual comparison alpha = 0.000314 (1 of 2).

Constituent: Silver Analysis Run 6/2/2025 11:20 AM

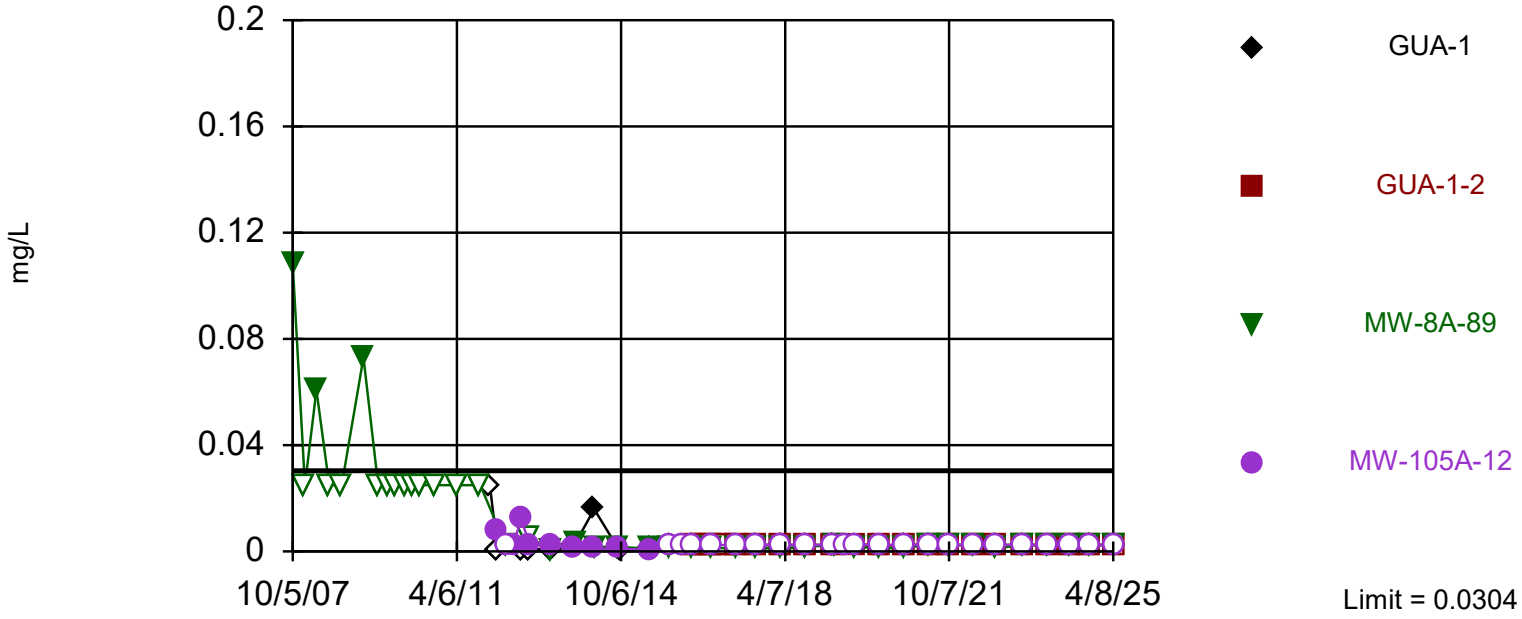
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 59.51% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Vanadium Analysis Run 6/2/2025 11:20 AM

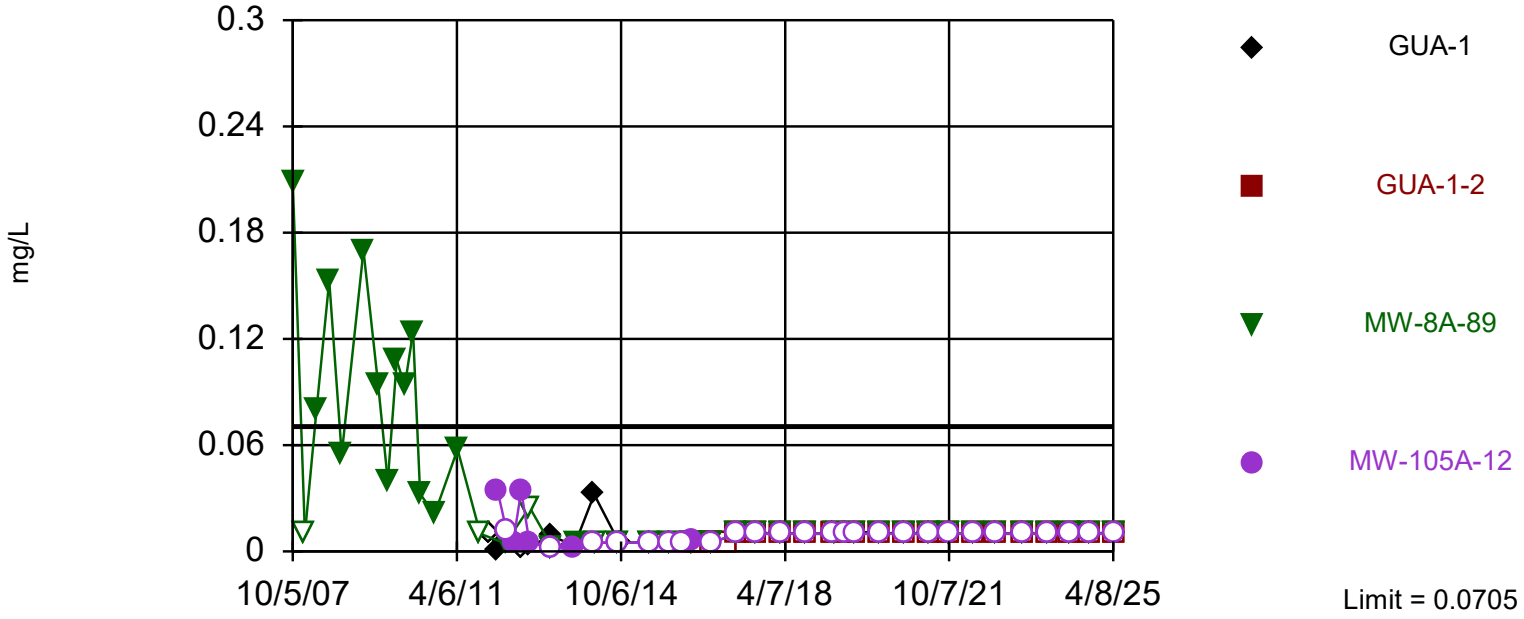
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 164 background values. 82.93% NDs. Annual per-constituent alpha = 0.003508. Individual comparison alpha = 0.0002196 (1 of 2).

Constituent: Zinc Analysis Run 6/2/2025 11:20 AM

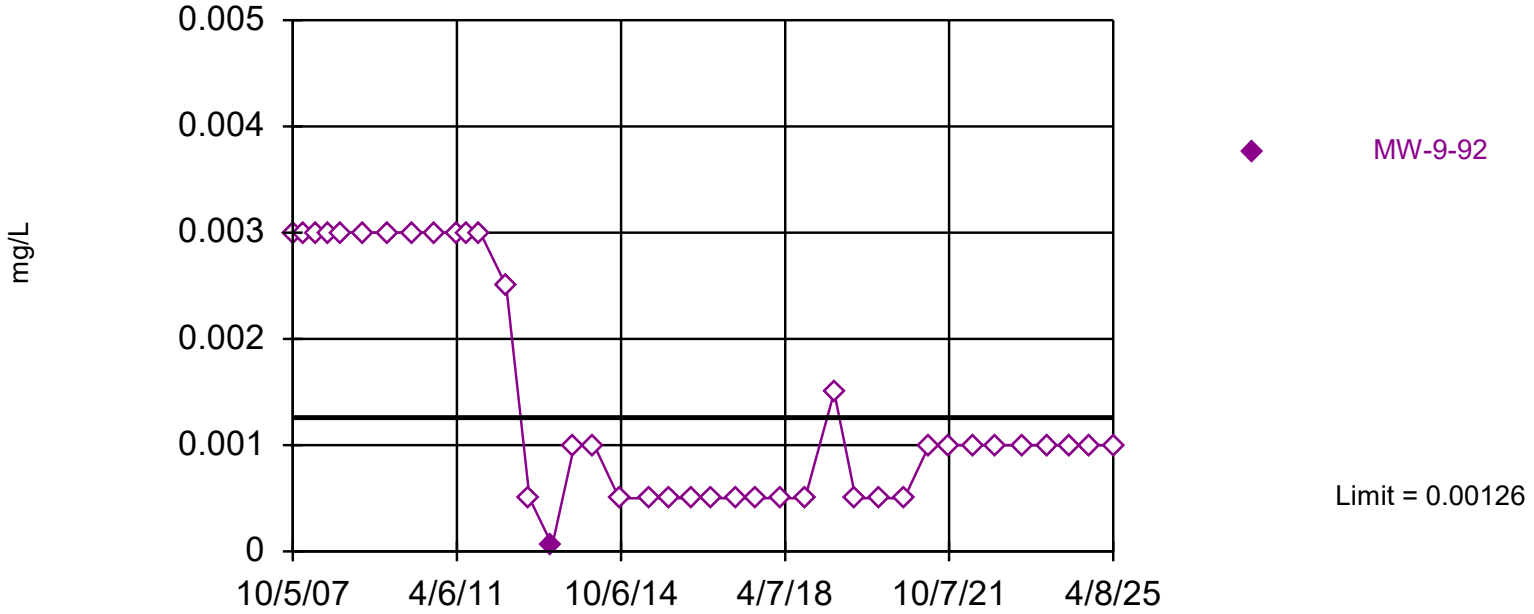
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 143 background values. 83.92% NDs. Annual per-constituent alpha = 0.004595. Individual comparison alpha = 0.0002878 (1 of 2).

Constituent: Antimony Analysis Run 6/2/2025 11:24 AM

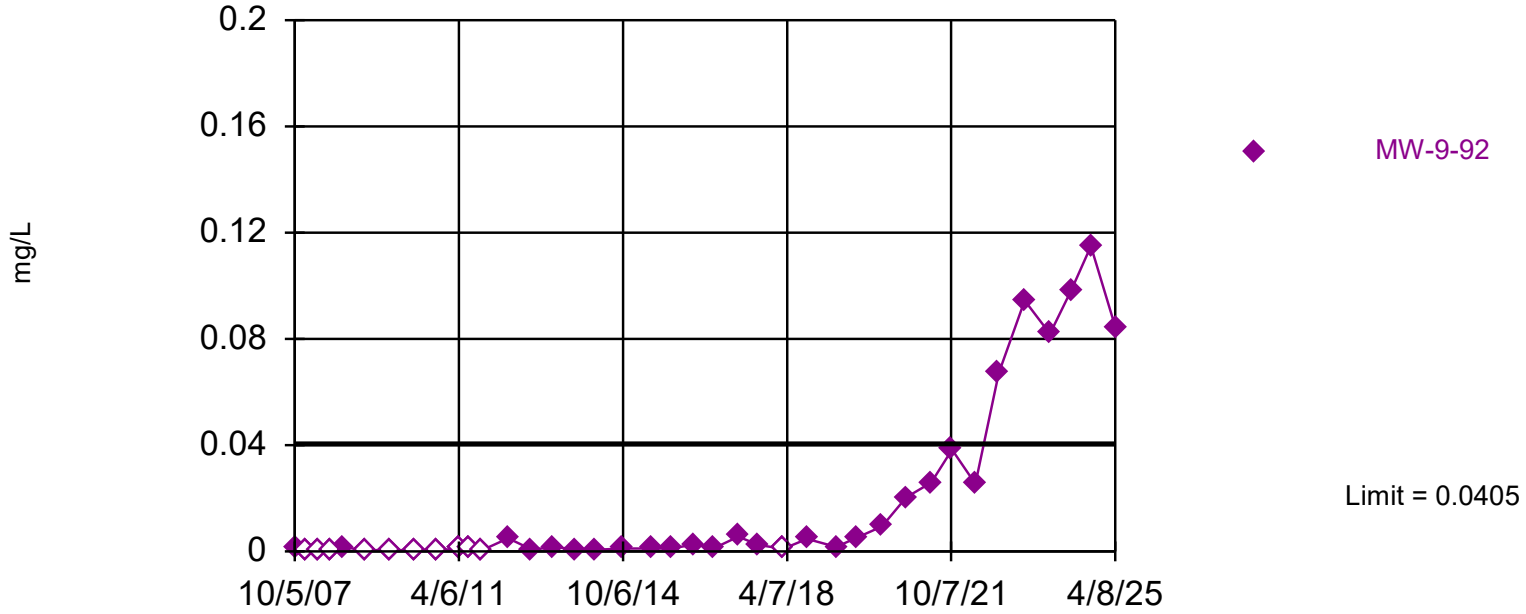
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Exceeds Limit: MW-9-92

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 157 background values. 31.21% NDs. Annual per-constituent alpha = 0.003825. Individual comparison alpha = 0.0002395 (1 of 2).

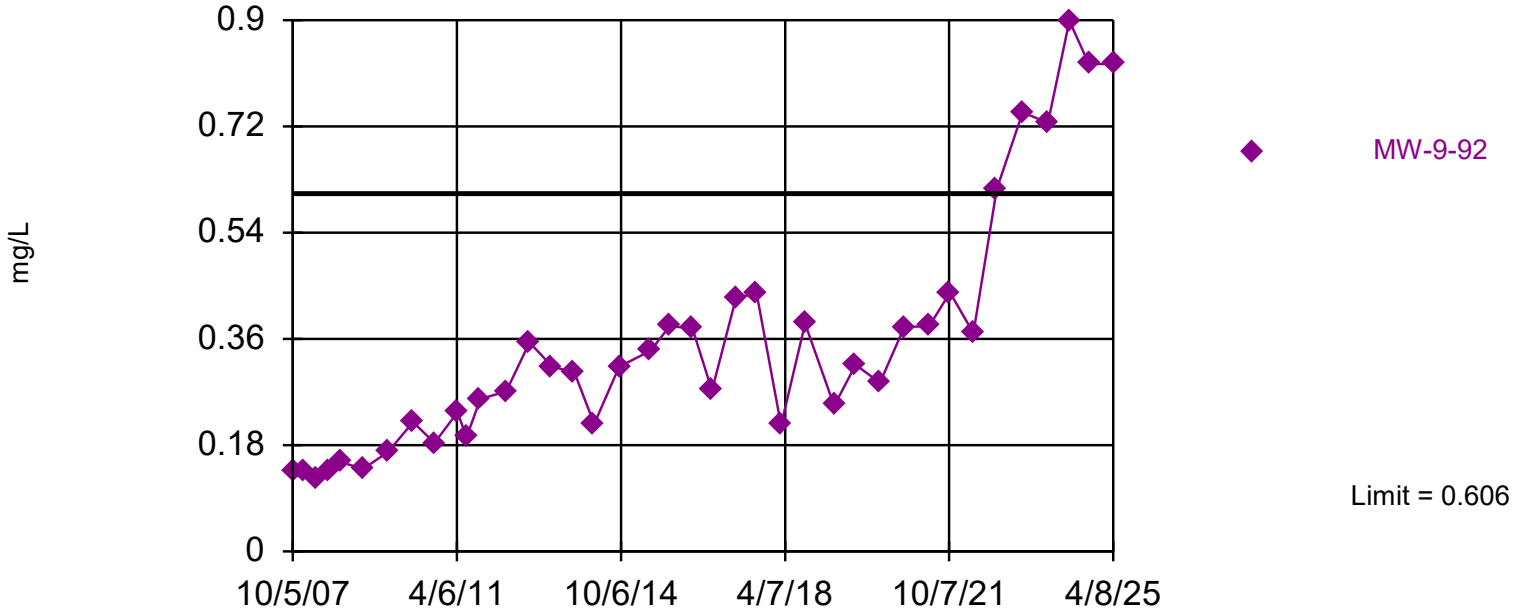
Constituent: Arsenic Analysis Run 6/2/2025 11:24 AM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Exceeds Limit: MW-9-92

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 161 background values. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Barium Analysis Run 6/2/2025 11:25 AM

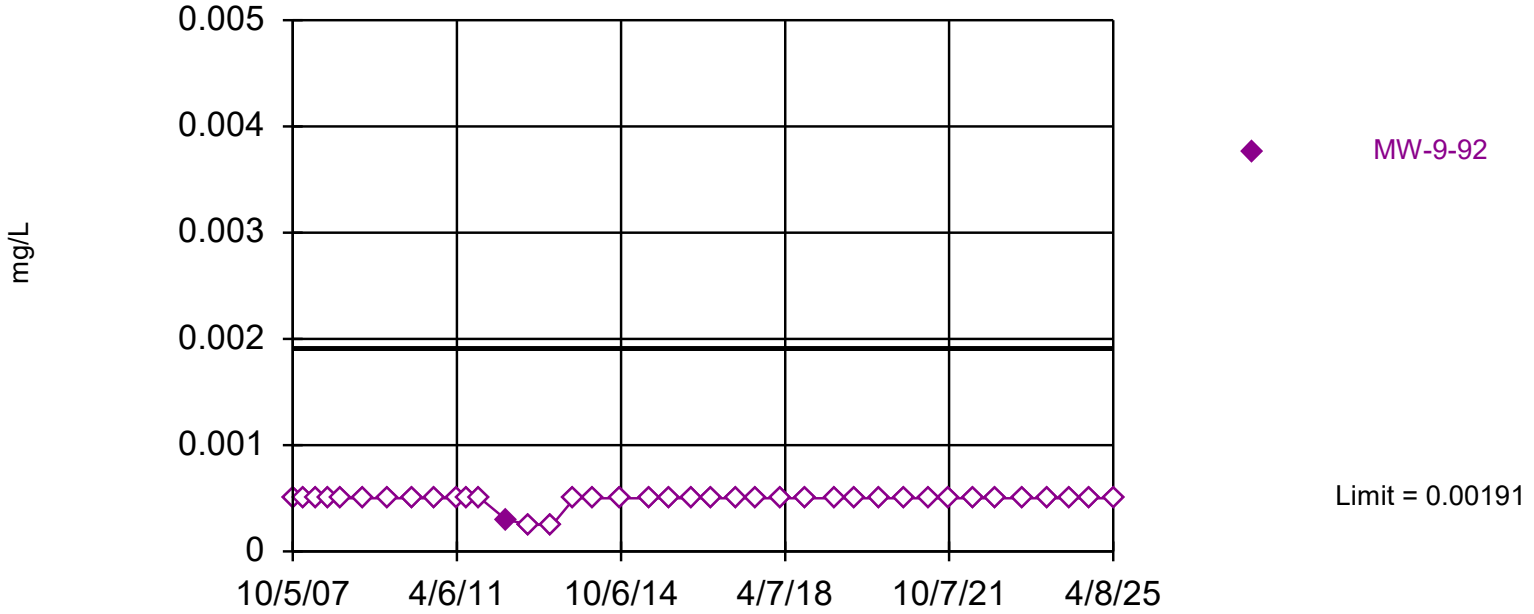
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 161 background values. 91.93% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Beryllium Analysis Run 6/2/2025 11:25 AM

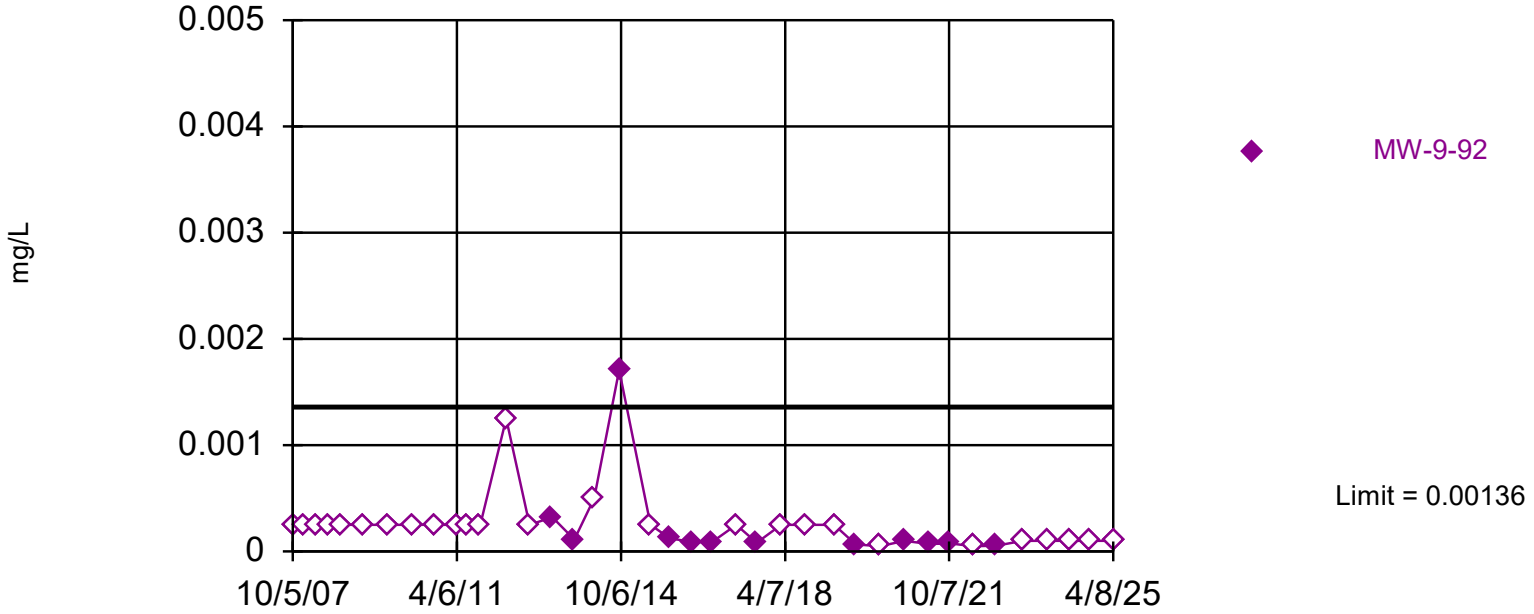
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 161 background values. 59.63% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Cadmium Analysis Run 6/2/2025 11:25 AM

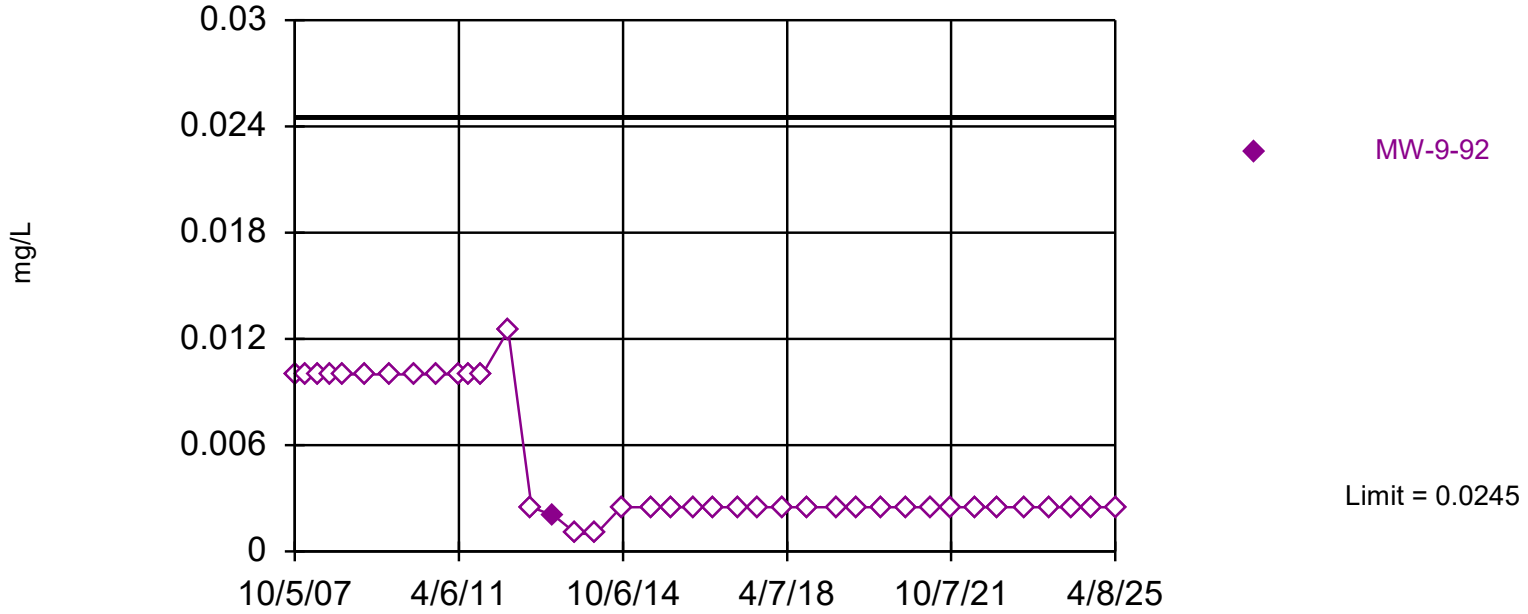
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 162 background values. 84.57% NDs. Annual per-constituent alpha = 0.003584. Individual comparison alpha = 0.0002244 (1 of 2).

Constituent: Chromium Analysis Run 6/2/2025 11:25 AM

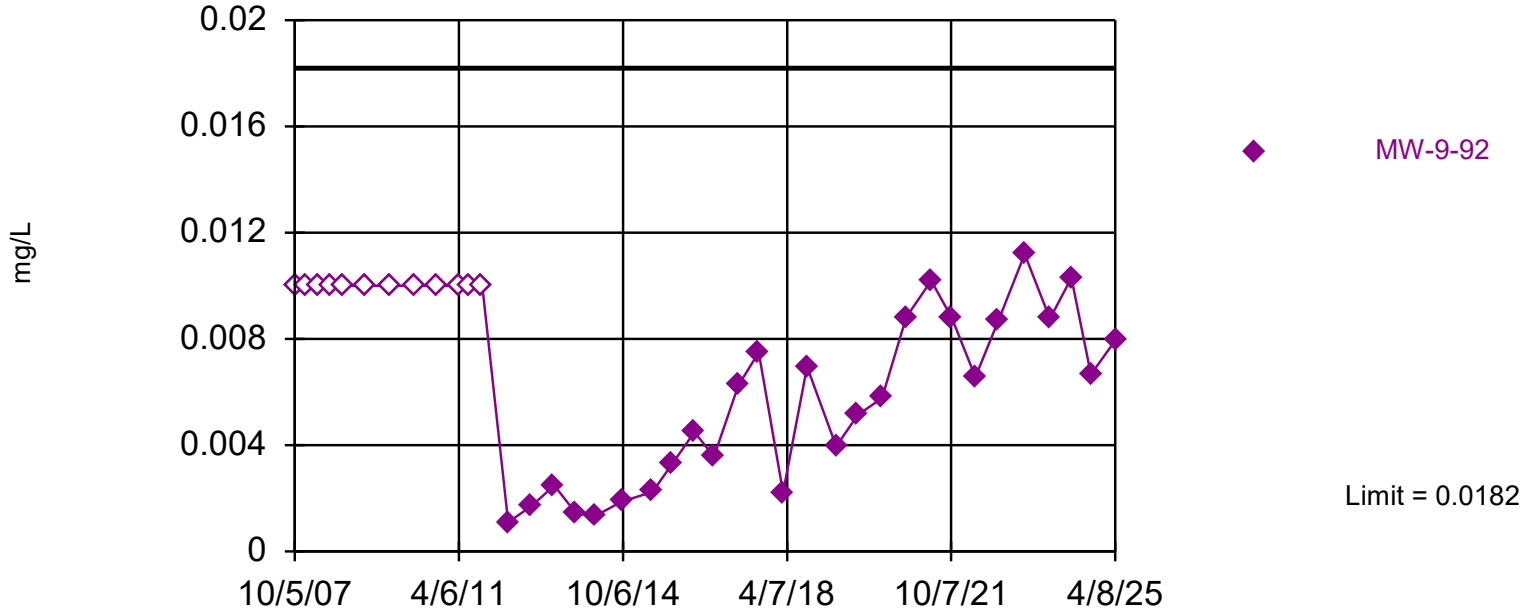
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 157 background values. 21.66% NDs. Annual per-constituent alpha = 0.003825. Individual comparison alpha = 0.0002395 (1 of 2).

Constituent: Cobalt Analysis Run 6/2/2025 11:25 AM

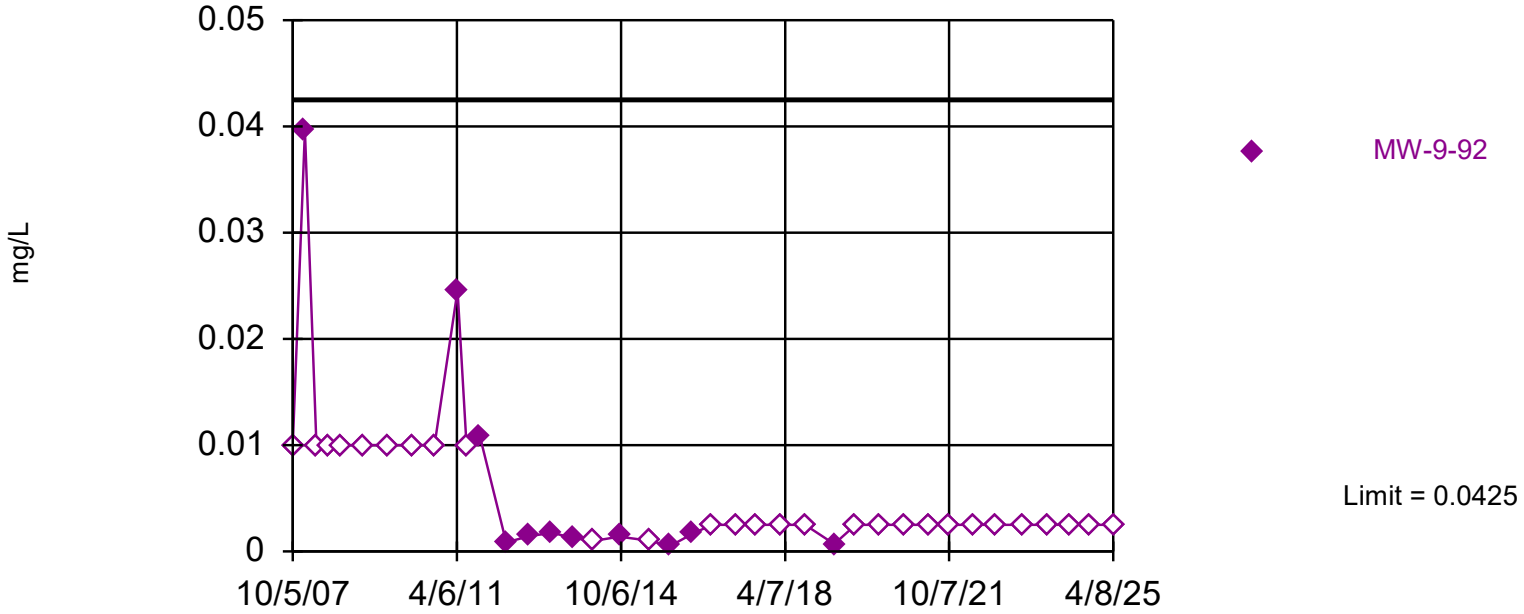
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 68.71% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Copper Analysis Run 6/2/2025 11:25 AM

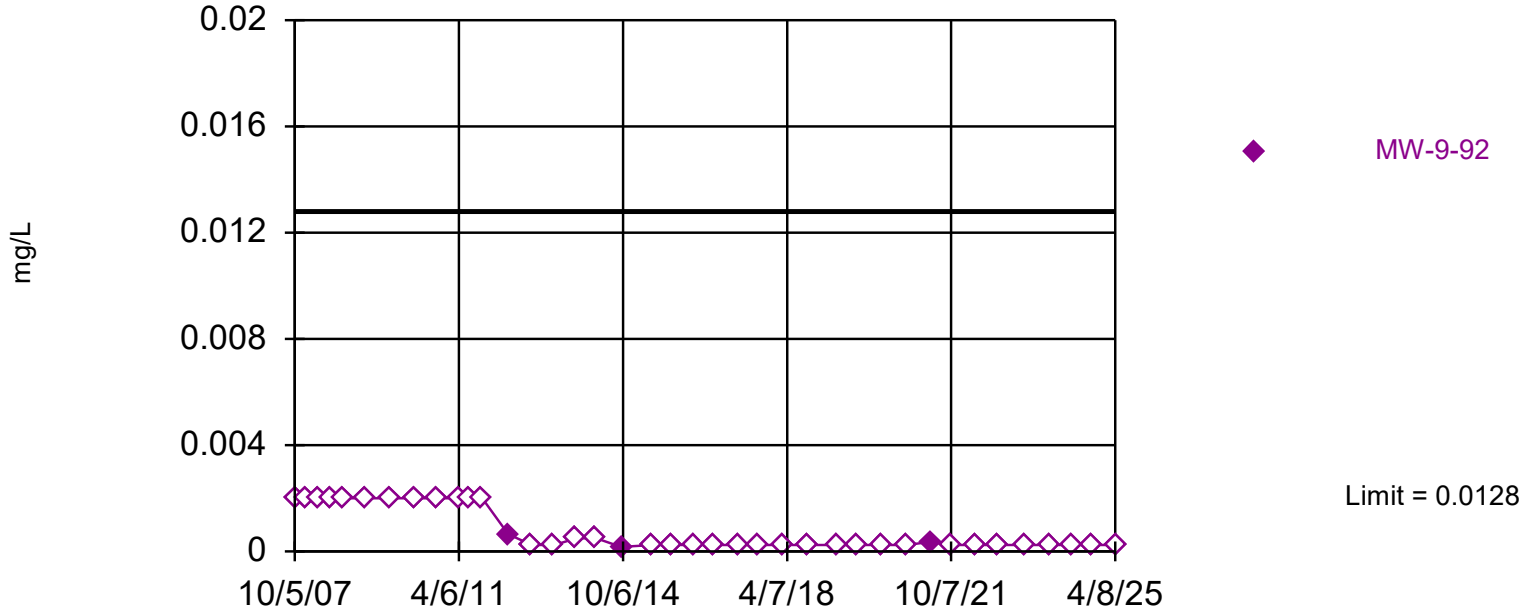
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 78.53% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Lead Analysis Run 6/2/2025 11:25 AM

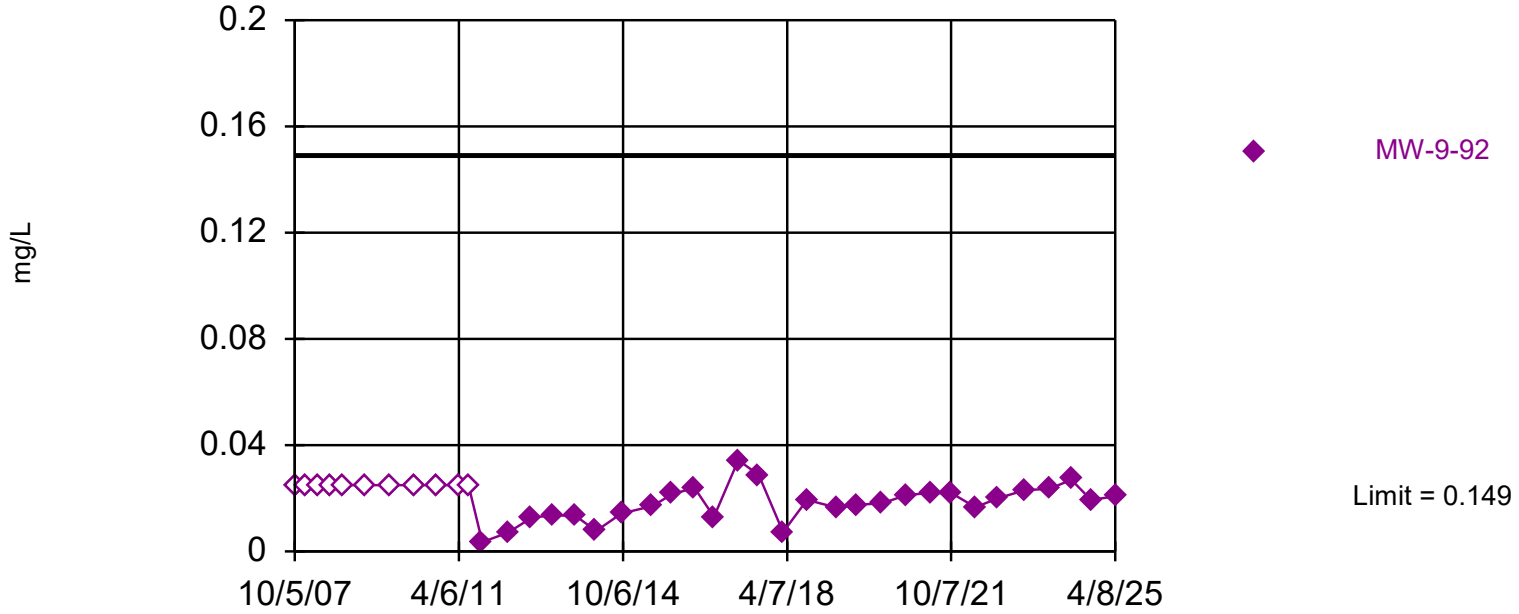
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 161 background values. 34.78% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Nickel Analysis Run 6/2/2025 11:25 AM

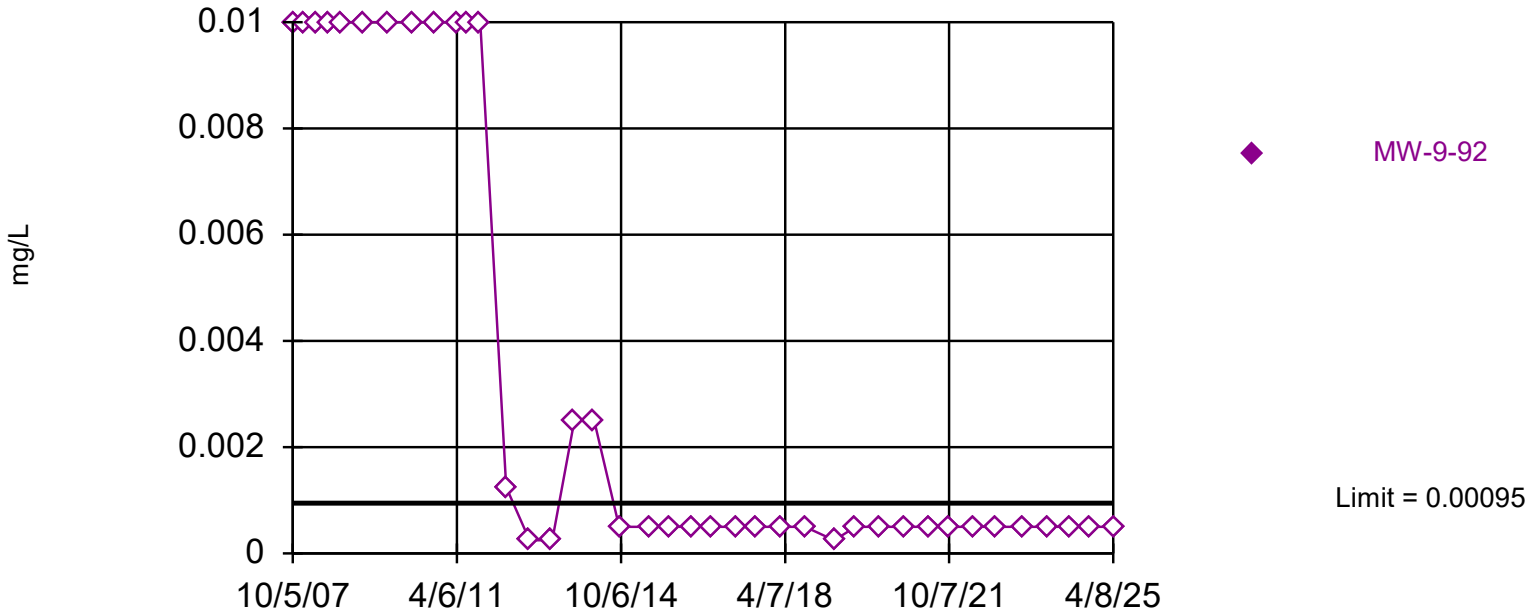
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 137 background values. 94.16% NDs. Annual per-constituent alpha = 0.005012. Individual comparison alpha = 0.000314 (1 of 2).

Constituent: Silver Analysis Run 6/2/2025 11:25 AM

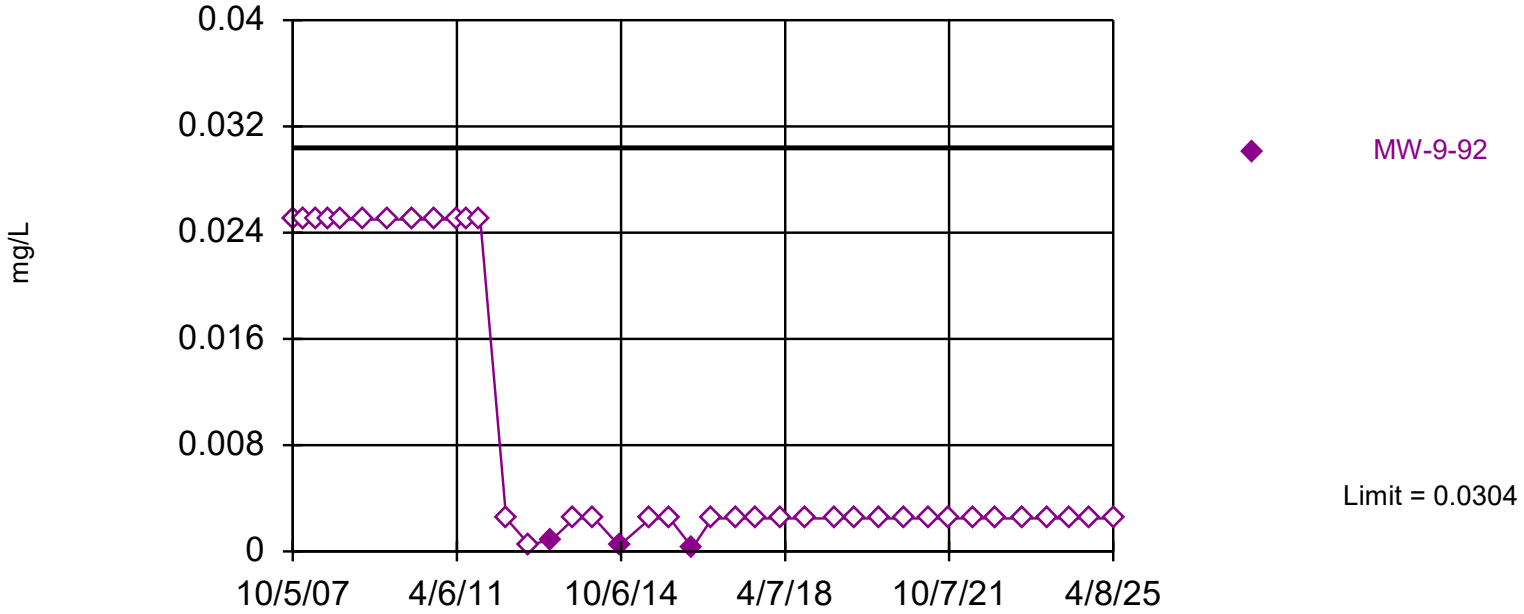
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 59.51% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Vanadium Analysis Run 6/2/2025 11:25 AM

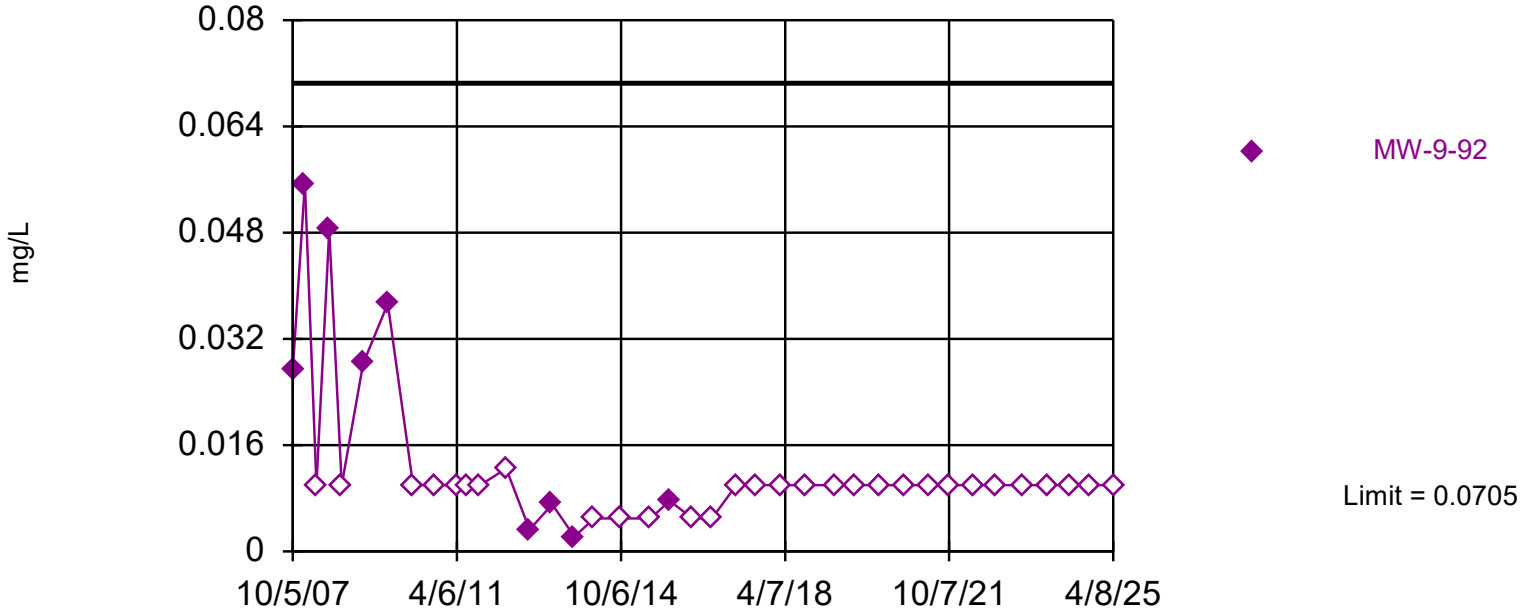
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 164 background values. 82.93% NDs. Annual per-constituent alpha = 0.003508. Individual comparison alpha = 0.0002196 (1 of 2).

Constituent: Zinc Analysis Run 6/2/2025 11:25 AM

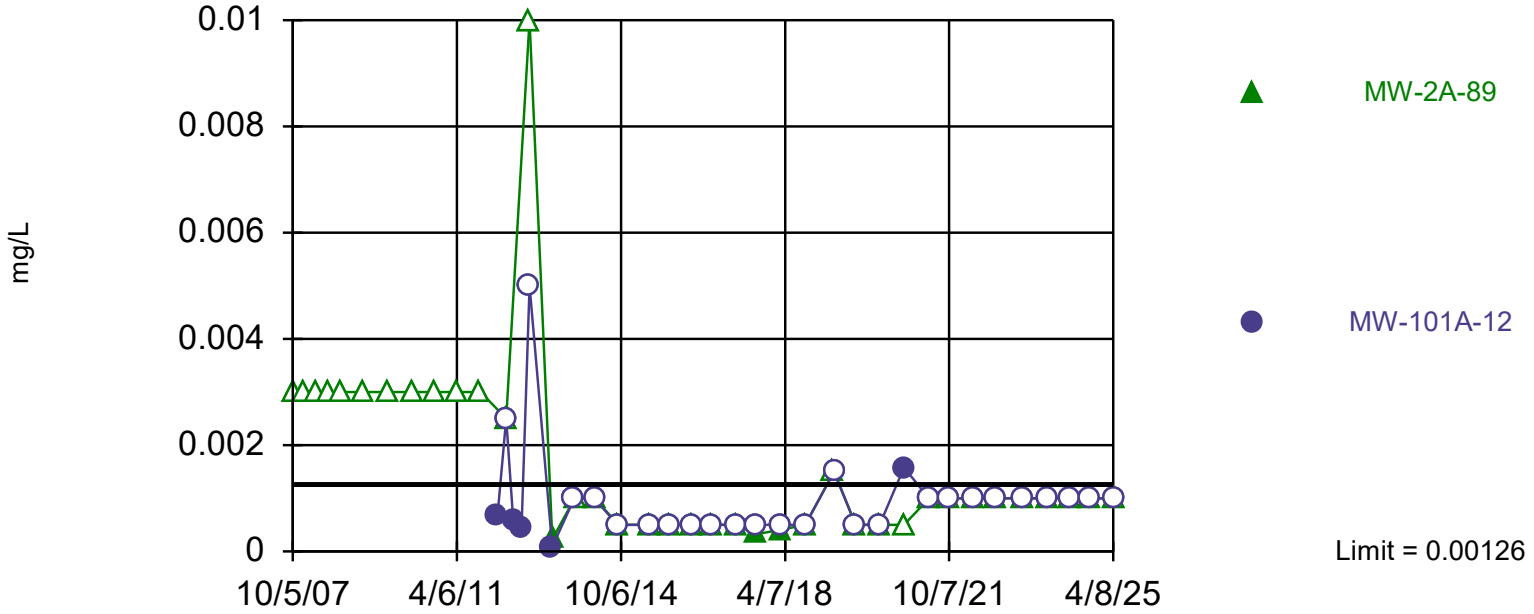
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 143 background values. 83.92% NDs. Annual per-constituent alpha = 0.004595. Individual comparison alpha = 0.0002878 (1 of 2).

Constituent: Antimony Analysis Run 6/2/2025 11:52 AM

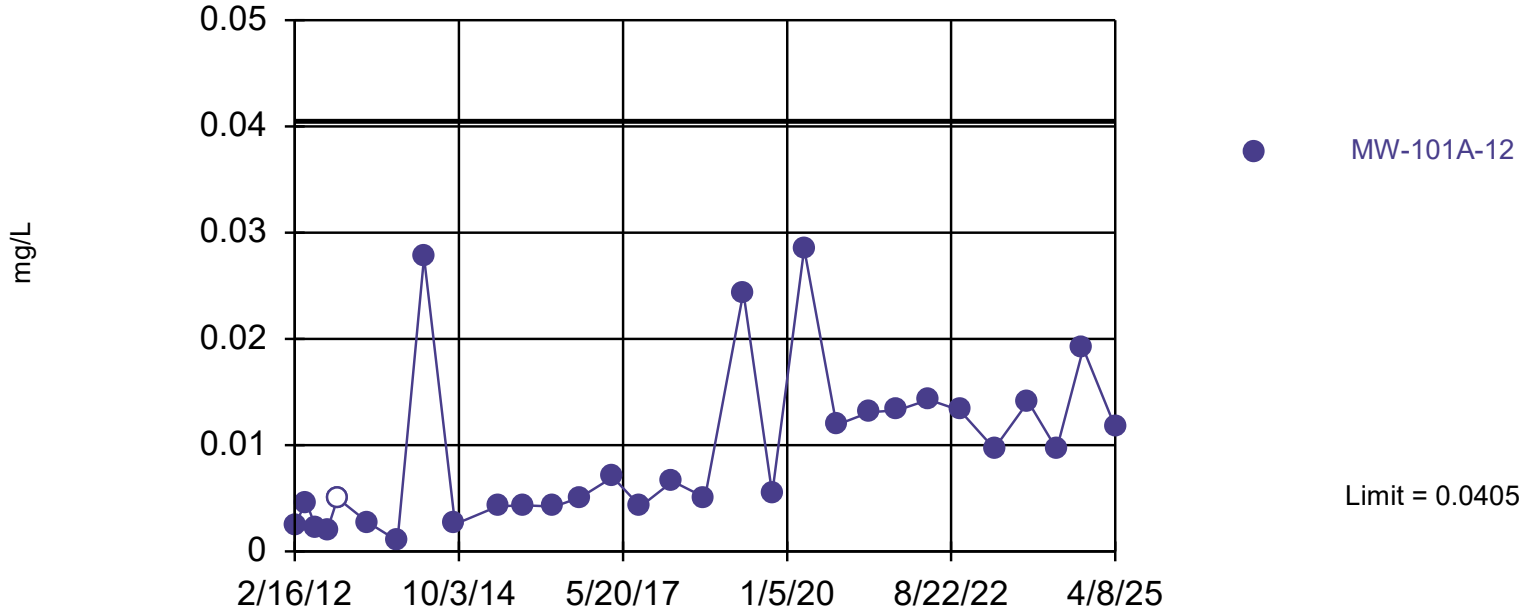
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 157 background values. 31.21% NDs. Annual per-constituent alpha = 0.003825. Individual comparison alpha = 0.0002395 (1 of 2).

Constituent: Arsenic Analysis Run 6/2/2025 11:52 AM

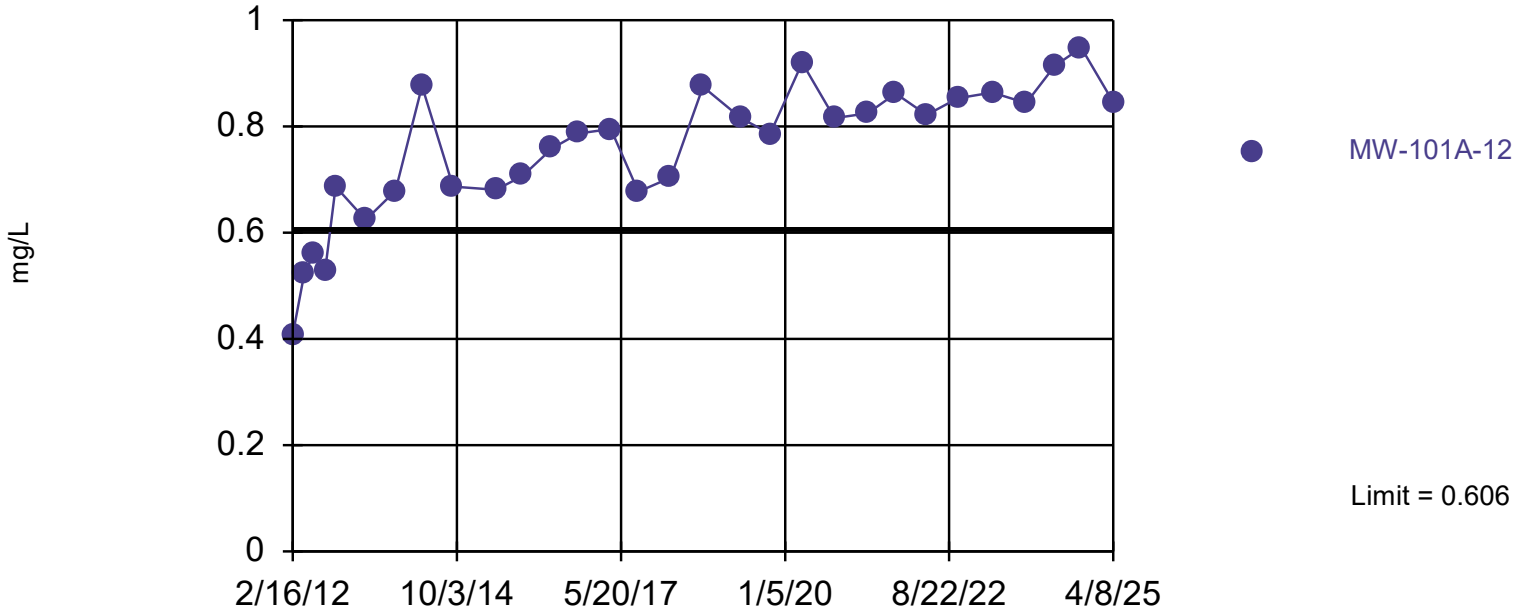
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Exceeds Limit: MW-101A-12

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 161 background values. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Barium Analysis Run 6/2/2025 11:52 AM

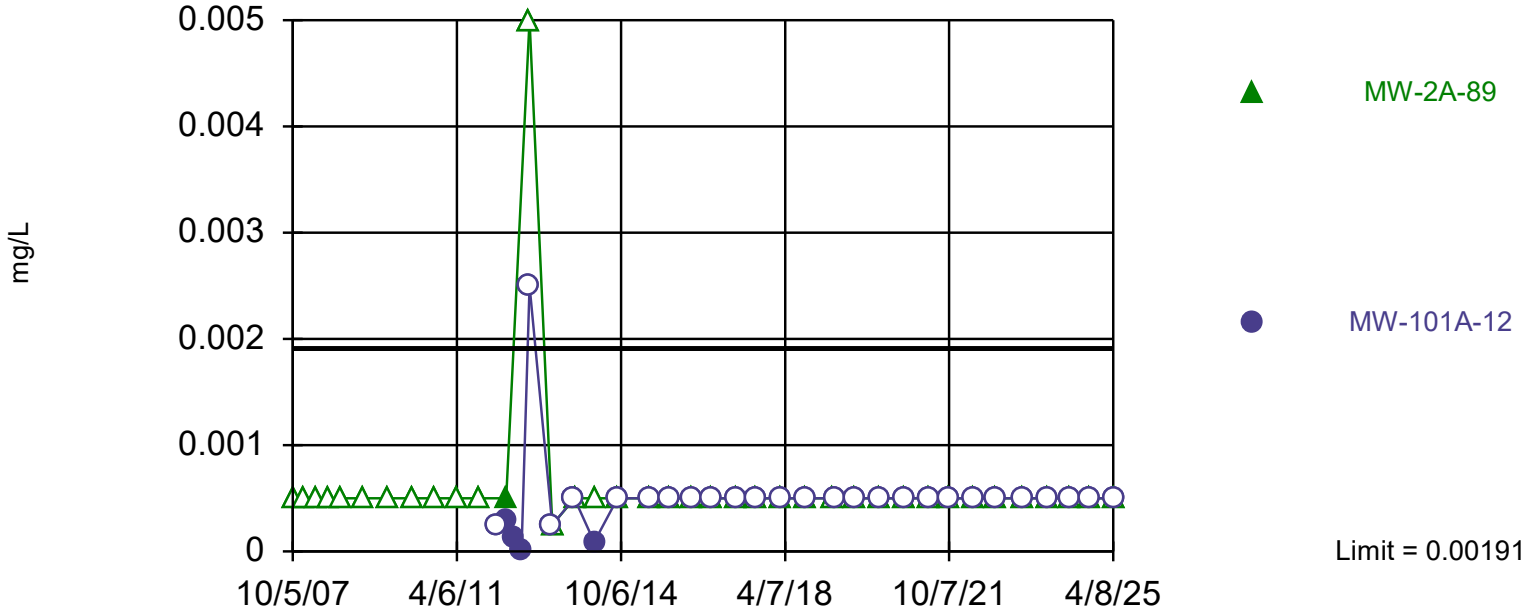
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 161 background values. 91.93% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Beryllium Analysis Run 6/2/2025 11:52 AM

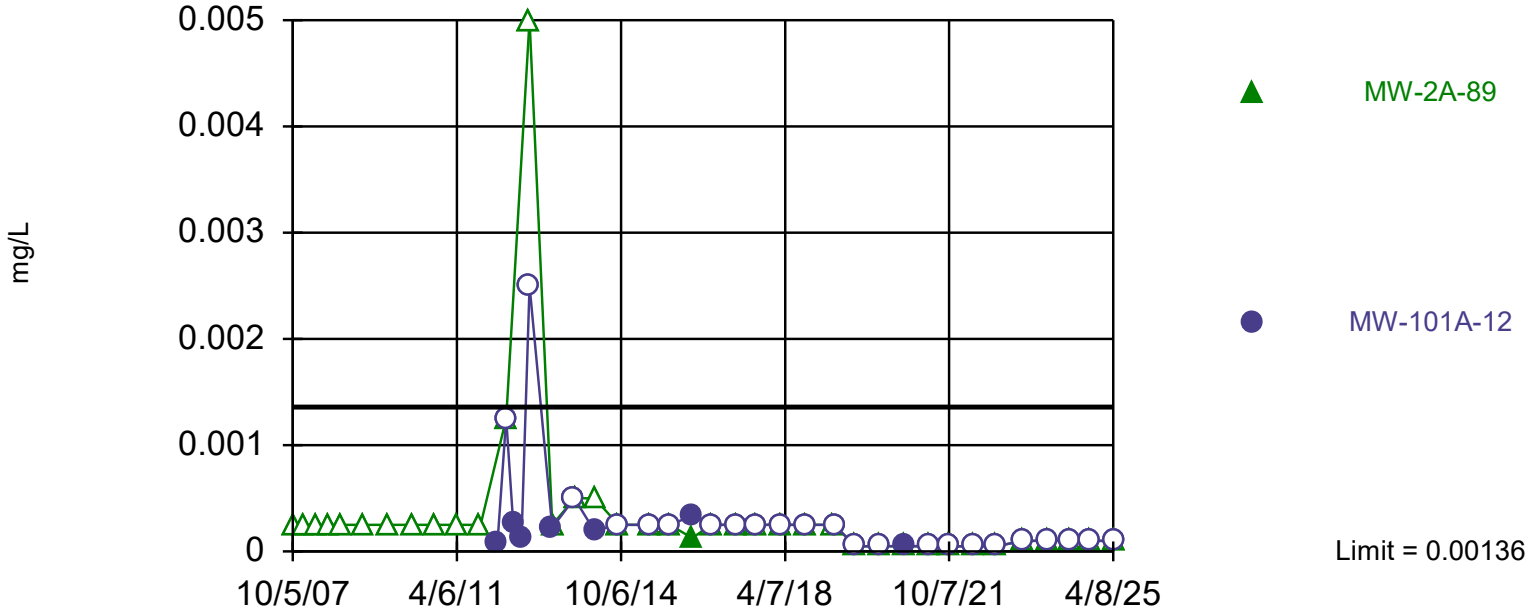
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 161 background values. 59.63% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Cadmium Analysis Run 6/2/2025 11:52 AM

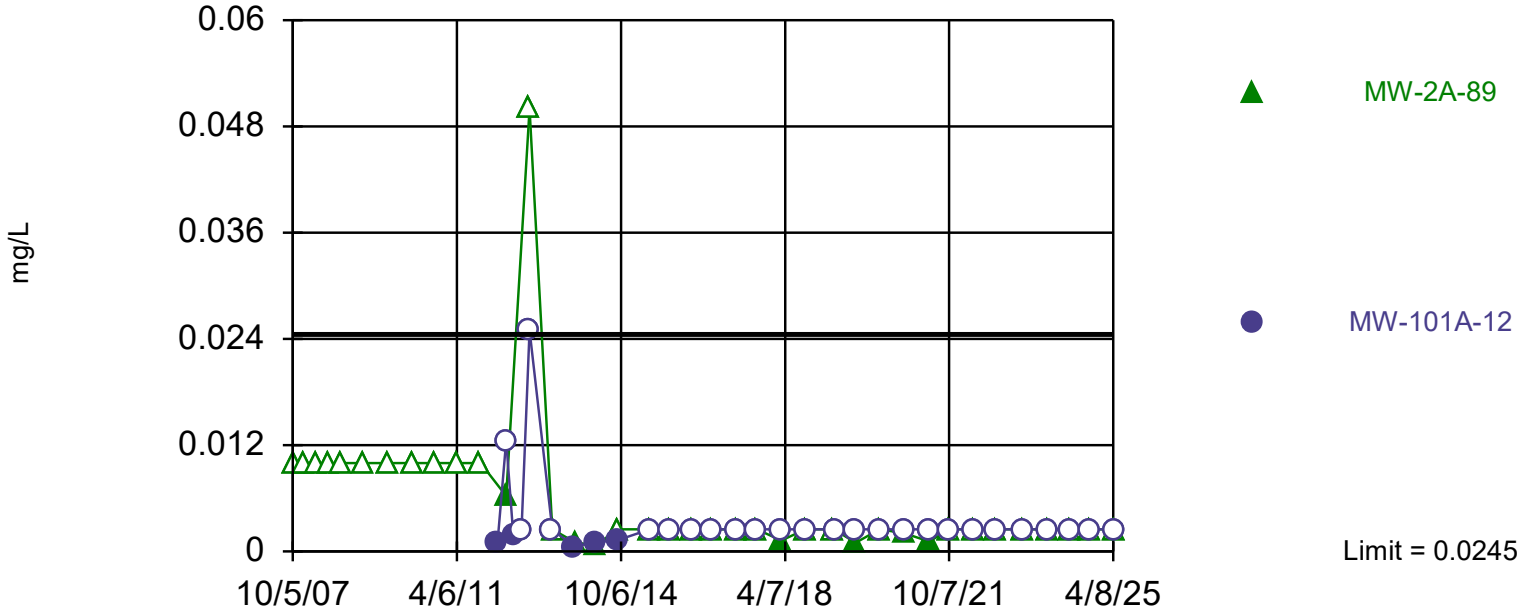
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 162 background values. 84.57% NDs. Annual per-constituent alpha = 0.003584. Individual comparison alpha = 0.0002244 (1 of 2).

Constituent: Chromium Analysis Run 6/2/2025 11:52 AM

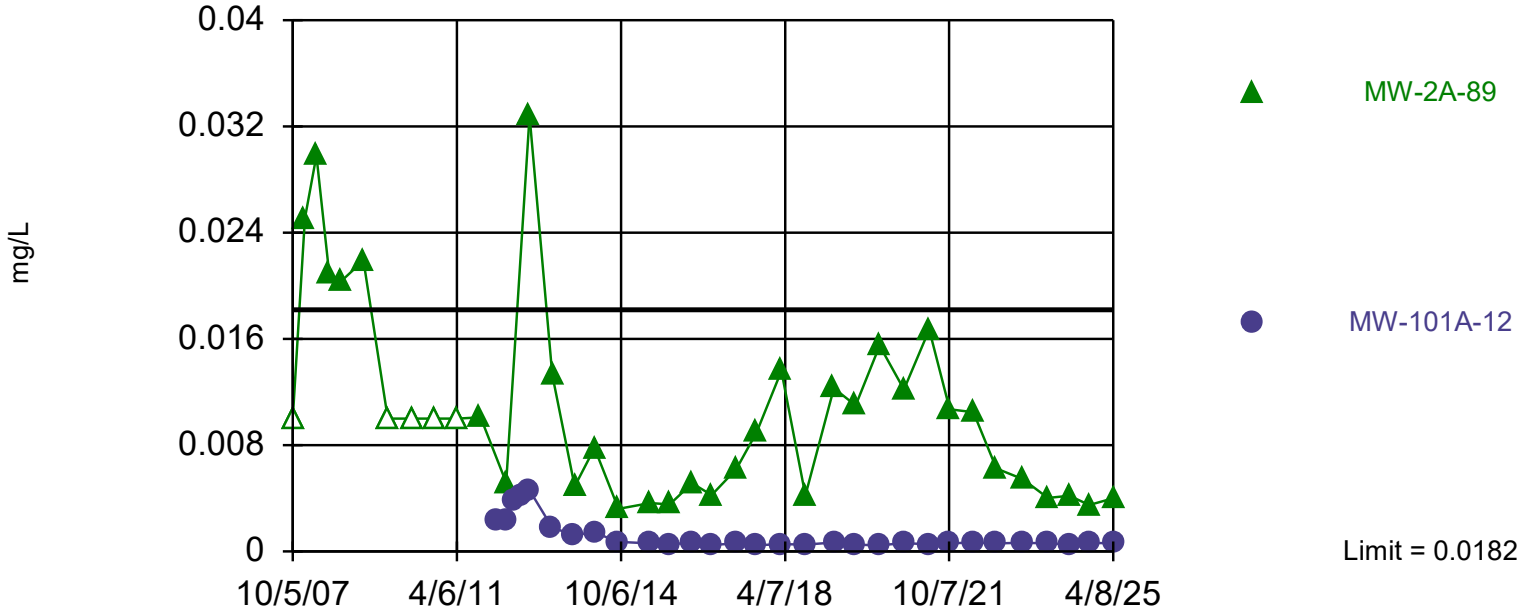
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 157 background values. 21.66% NDs. Annual per -constituent alpha = 0.003825. Individual comparison alpha = 0.0002395 (1 of 2).

Constituent: Cobalt Analysis Run 6/2/2025 11:52 AM

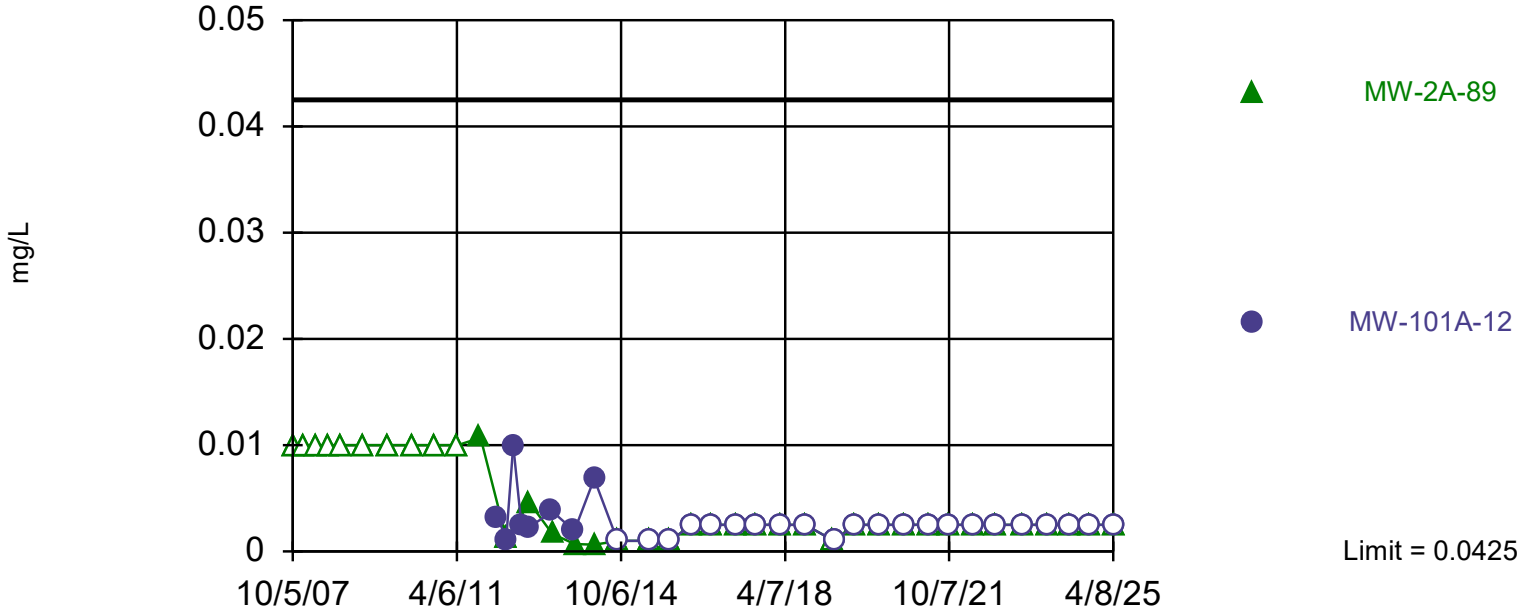
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 68.71% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Copper Analysis Run 6/2/2025 11:52 AM

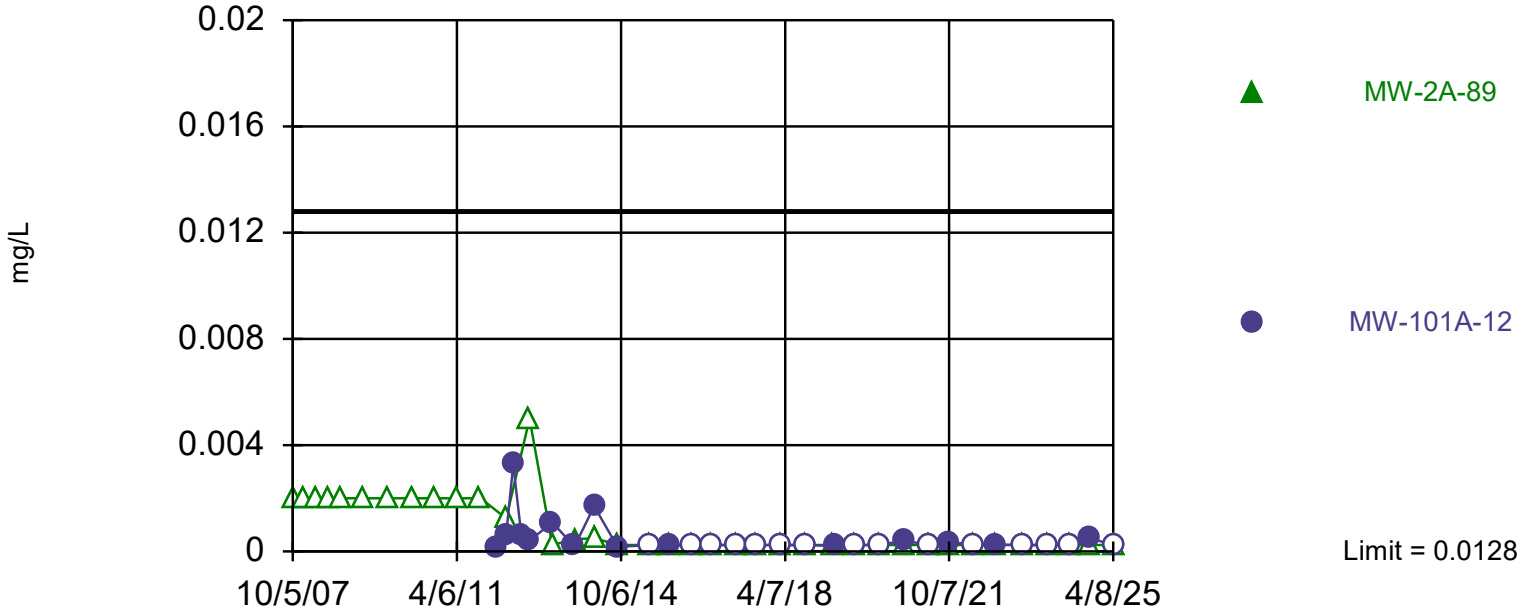
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 78.53% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Lead Analysis Run 6/2/2025 11:52 AM

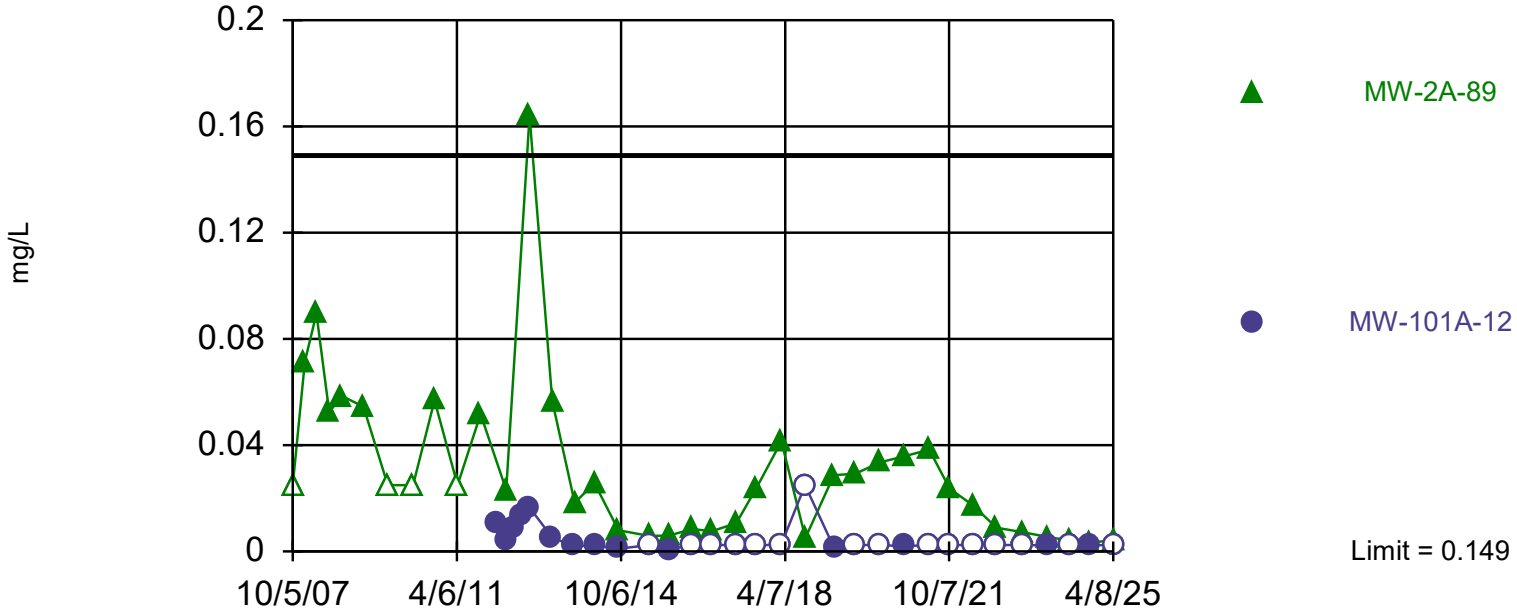
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 161 background values. 34.78% NDs. Annual per-constituent alpha = 0.003622. Individual comparison alpha = 0.0002268 (1 of 2).

Constituent: Nickel Analysis Run 6/2/2025 11:52 AM

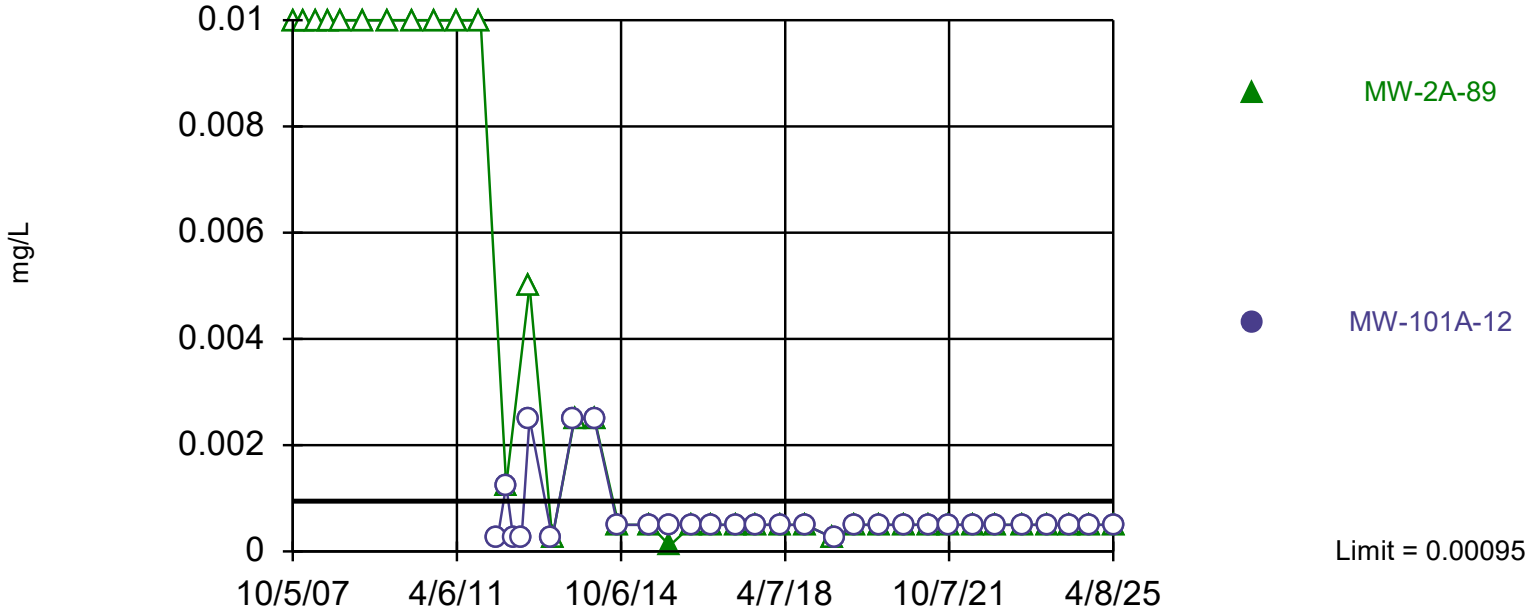
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 137 background values. 94.16% NDs. Annual per-constituent alpha = 0.005012. Individual comparison alpha = 0.000314 (1 of 2).

Constituent: Silver Analysis Run 6/2/2025 11:52 AM

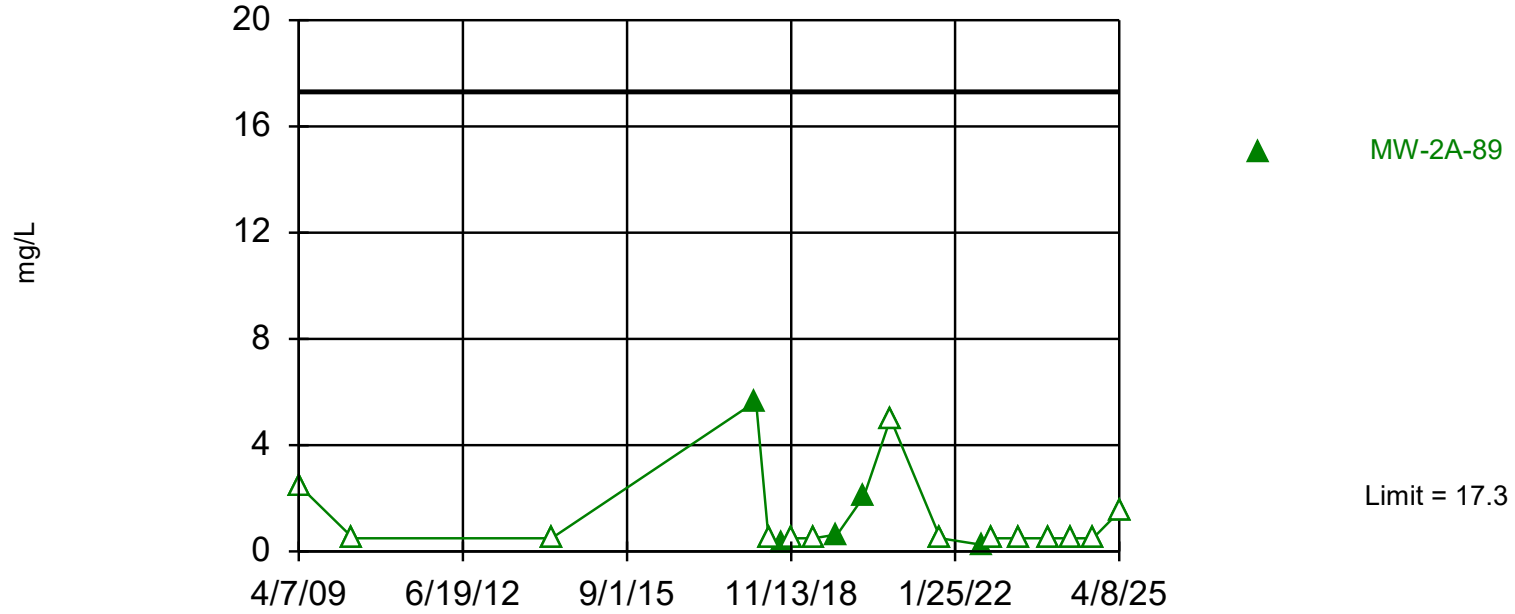
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 95 background values. 91.58% NDs. Annual per-constituent alpha = 0.01023. Individual comparison alpha = 0.0006424 (1 of 2).

Constituent: Sulfide Analysis Run 6/2/2025 11:52 AM

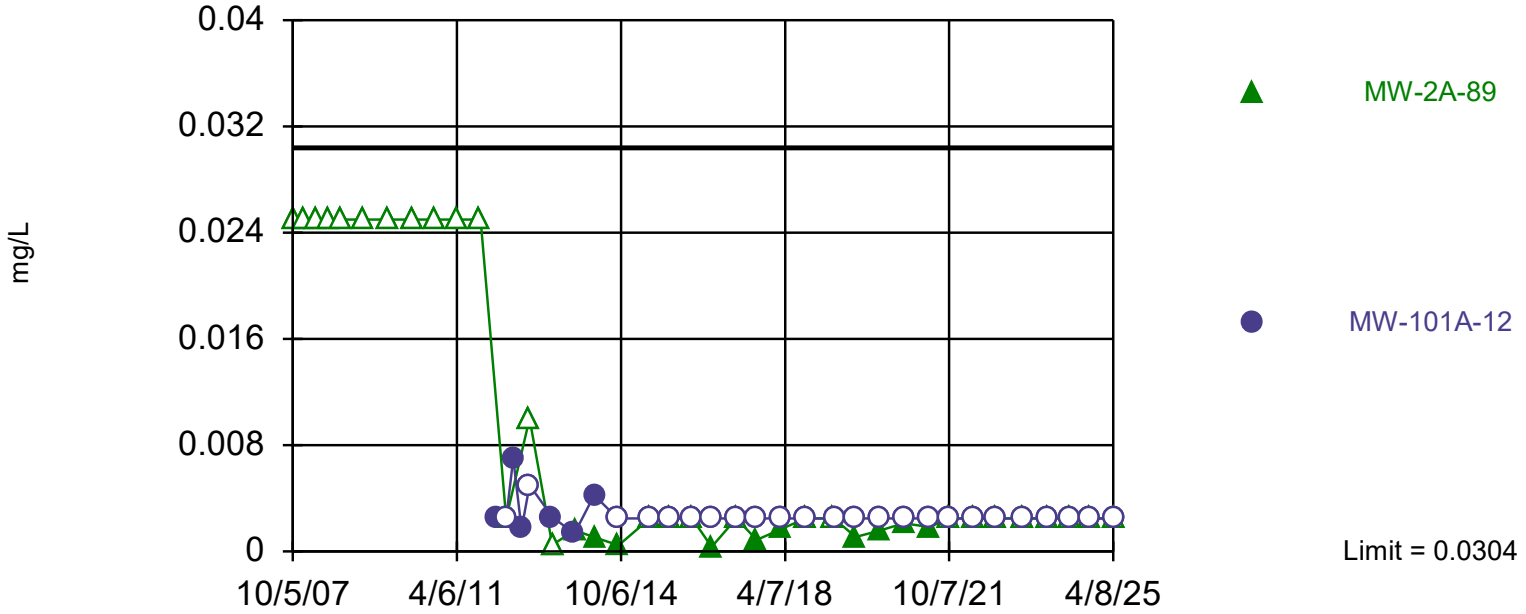
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 163 background values. 59.51% NDs. Annual per-constituent alpha = 0.003546. Individual comparison alpha = 0.000222 (1 of 2).

Constituent: Vanadium Analysis Run 6/2/2025 11:52 AM

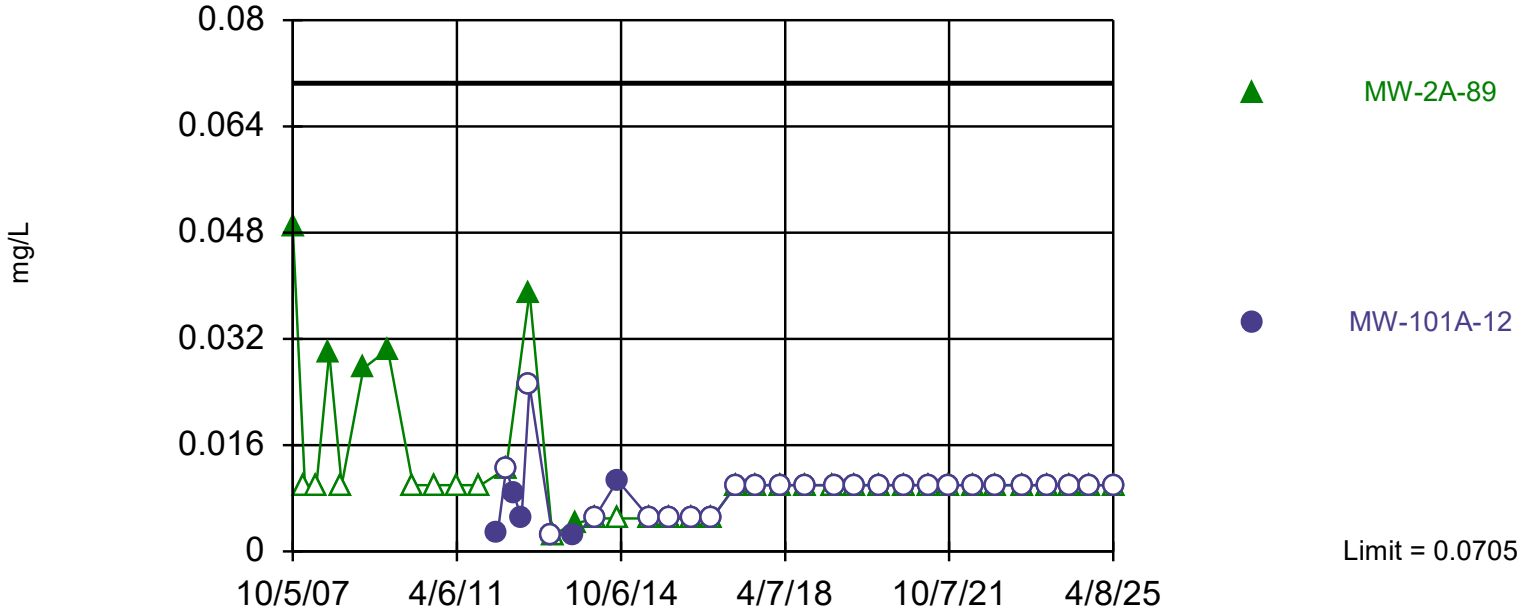
Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Sanitas™ v.10.0.26 Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring - Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 164 background values. 82.93% NDs. Annual per-constituent alpha = 0.003508. Individual comparison alpha = 0.0002196 (1 of 2).

Constituent: Zinc Analysis Run 6/2/2025 11:52 AM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Attachment 3

Sanitas Report Output for Double Quantification Rule Evaluations

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Data Screening - Detection Monitoring

Analysis Run 6/2/2025 12:57 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

A listing of detects for 205 constituents in GUA-1, GUA-1-2, MW-8A-89, and MW-105A-12 in April 2025:

1,1-Dichloroethane, GUA-1, 4/8/2025: 1.42 ug/L
Benzene, GUA-1, 4/8/2025: 0.643 ug/L

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Data Screening - Assessment Monitoring

Analysis Run 6/2/2025 12:55 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

A listing of detects for 205 constituents in MW-9-92 in April 2025:

1,1-Dichloroethane, MW-9-92, 4/8/2025: 6.59 ug/L
Benzene, MW-9-92, 4/8/2025: 0.942 ug/L

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Data Screening - Corrective Action Monitoring

- Assessment Constituents

Analysis Run 6/2/2025 3:02 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

A listing of detects for 205 constituents in MW-2A-89 and MW-101A-12 in April 2025:

1,1-Dichloroethane, MW-101A-12, 4/8/2025: 8.19 ug/L
1,2-Dichloropropane, MW-101A-12, 4/8/2025: 3.11 ug/L
Benzene, MW-101A-12, 4/8/2025: 0.588 ug/L
Chlorobenzene, MW-101A-12, 4/8/2025: 5.11 ug/L
cis-1,2-Dichloroethene, MW-101A-12, 4/8/2025: 16.8 ug/L
Tetrachloroethene, MW-101A-12, 4/8/2025: 1.48 ug/L

Attachment 4
Sanitas Report Output for Confidence Interval Calculations & Confidence Bands around a Trend Line

Calculation of Arsenic Upper Tolerance Limit with 95% Coverage and 95% Confidence [1]

Constituent Name	Upper Limit	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method	Minimum Achieved Coverage
Arsenic (mg/L)	0.0461	157	n/a	n/a	31	n/a	n/a	0.0003181	NP Inter(normality)	98.2%

[1] Interwell tolerance limit data consists of the detected Appendix I and II parameters in the combined MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 data set. Note that background data set adjustments were incorporated in accordance with Section 3.1 of the Fall 2024 Statistical Evaluation memo.

Confidence Interval

Constituent Name	Well	Upper Limit	Lower Limit	Compliance Limit [1]	Exceed [2]	N	Mean	Standard Deviation	CV	Achieve 50% Power at R=1.5 [3,4]	Achieve 80% Power at R=2.0 [3,4]	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Detection Monitoring Locations																
1,1-Dichloroethane (ug/L)	GUA-1	2.6	1.4	140	No	24	2.0	1.2	0.60	<0.01	<0.01	8	None	No	0.01	Param.
Benzene (ug/L)	GUA-1	0.77	0.25	5	No	24	0.51	0.26	0.51	0.01	<0.01	38	None	No	0.01	NP (normality)
Assessment Monitoring Locations																
1,1-Dichloroethane (ug/L)	MW-9-92	9.4	3.3	140	No	39	8.1	7.5	0.92	<0.01	<0.01	21	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-9-92	0.006	0.001	0.0461	No	39	0.018	0.033	1.81	<0.01	<0.01	28	None	No	0.01	NP (normality)
Barium (mg/L)	MW-9-92	0.38	0.22	2	No	39	0.35	0.21	0.58	<0.01	<0.01	0	None	No	0.01	NP (normality)
Benzene (ug/L)	MW-9-92	0.94	0.37	5	No	39	0.79	0.56	0.70	<0.01	<0.01	23	None	No	0.01	NP (normality)
Corrective Action Monitoring Locations - Assessment Constituents																
1,1-Dichloroethane (ug/L)	MW-101A-12	19.4	10.4	140	No	30	15.1	5.0	0.33	<0.01	<0.01	0	None	No	0.01	NP (normality)
1,2-Dichloropropane (ug/L)	MW-101A-12	4.10	2.76	5	No	7	3.43	0.56	0.16	<0.01	<0.01	0	None	No	0.01	Param.
Barium (mg/L)	MW-101A-12	0.81	0.70	2	No	30	0.76	0.13	0.17	<0.01	<0.01	0	None	No	0.01	Param.
Benzene (ug/L)	MW-101A-12	1.01	0.75	5	No	30	0.88	0.28	0.32	<0.01	<0.01	0	None	No	0.01	Param.
Chlorobenzene (ug/L)	MW-101A-12	2.7	0.5	100	No	30	1.6	1.5	0.92	<0.01	<0.01	40	None	No	0.01	NP (normality)
cis-1,2-Dichloroethene (ug/L)	MW-101A-12	45.1	31.3	70	No	30	38.2	15.4	0.40	<0.01	<0.01	0	None	No	0.01	Param.
Tetrachloroethene (ug/L)	MW-101A-12	2.70	1.31	5	No	11	2.01	0.98	0.49	0.02	0.01	0	None	No	0.02	Param.
Corrective Action Monitoring Locations - Corrective Action Constituents																
Arsenic (mg/L)	MW-2A-89	0.1520	0.1020	0.0461	Yes	38	0.1417	0.1000	0.71	N/A	N/A	0	None	No	0.1	NP (normality)
Barium (mg/L)	MW-2A-89	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Oct. 2007.														
Trichloroethene (ug/L)	MW-101A-12	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Apr. 2016.														
Vinyl Chloride (ug/L)	MW-101A-12	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Mar. 2014.														

[1] Value is the 40 CFR Part 141 Safe Drinking Water Act MCL, the IAC 567 Chapter 137 Statewide Standard for a Protected Groundwater Source, or Background in the case of arsenic. The background GWPS for arsenic is the background upper tolerance limit with 95% confidence and 95% coverage (GWPS = 0.0461 mg/L).

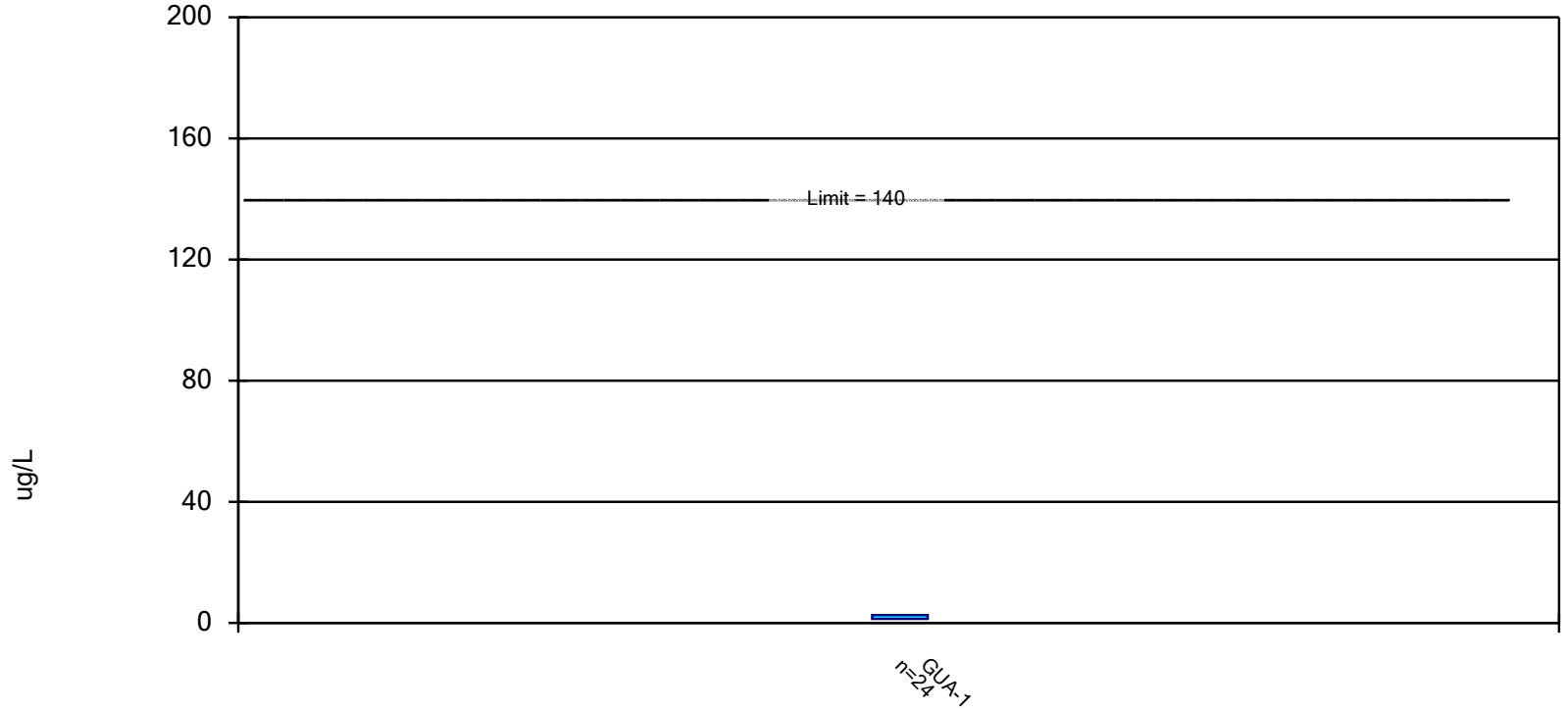
[2] Under assessment mode, an SSL is indicated when the lower confidence limit exceeds the groundwater protection standard (compliance limit).
Under corrective action mode, an SSL is rejected when the upper confidence limit lies below the groundwater protection standard (compliance limit).

[3] For parametric confidence intervals: Except where otherwise indicated, based on Unified Guidance Equation 22.2, i.e., $\alpha \sim 1 - F_{T,n-1}\left(\frac{(R-1)\sqrt{n}}{R \cdot \widehat{CV}} - t_{1-\beta,n-1}\right)$
where R is the desired risk ratio, n is the sample size, CV is the estimated sample coefficient of variation, $t_{1-b,n-1}$ is the (1–b) Student's t-quantile with (n–1) degrees of freedom, and F is the cumulative (central) Student's t-distribution function.

[4] For non-parametric confidence intervals: Based on Unified Guidance Equation 22.1, i.e., $1 - \beta \sim G_{T,n-1}(t_{1-\alpha,n-1}\ \Delta - \sqrt{n}(R-1))$
where R is the desired risk ratio, $t_{1-a,n-1}$ is the (1–a) Student's t-quantile with (n–1) degrees of freedom and G represents the cumulative non-central t-distribution with (n–1) degrees of freedom and noncentrality parameter D.

Parametric Confidence Interval - Detection Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

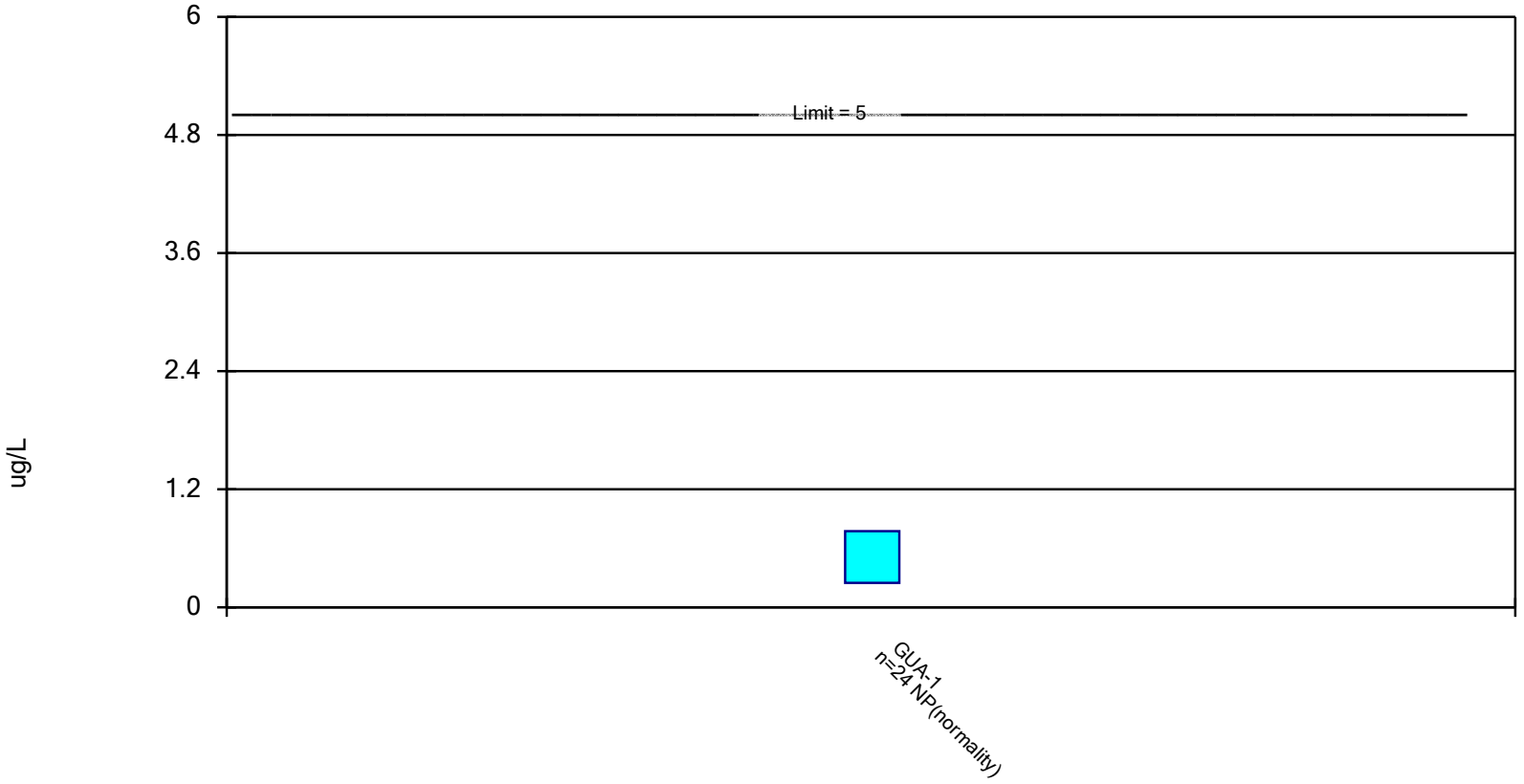


Constituent: 1,1-Dichloroethane Analysis Run 6/4/2025 11:29 AM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Non-Parametric Confidence Interval - Detection Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.



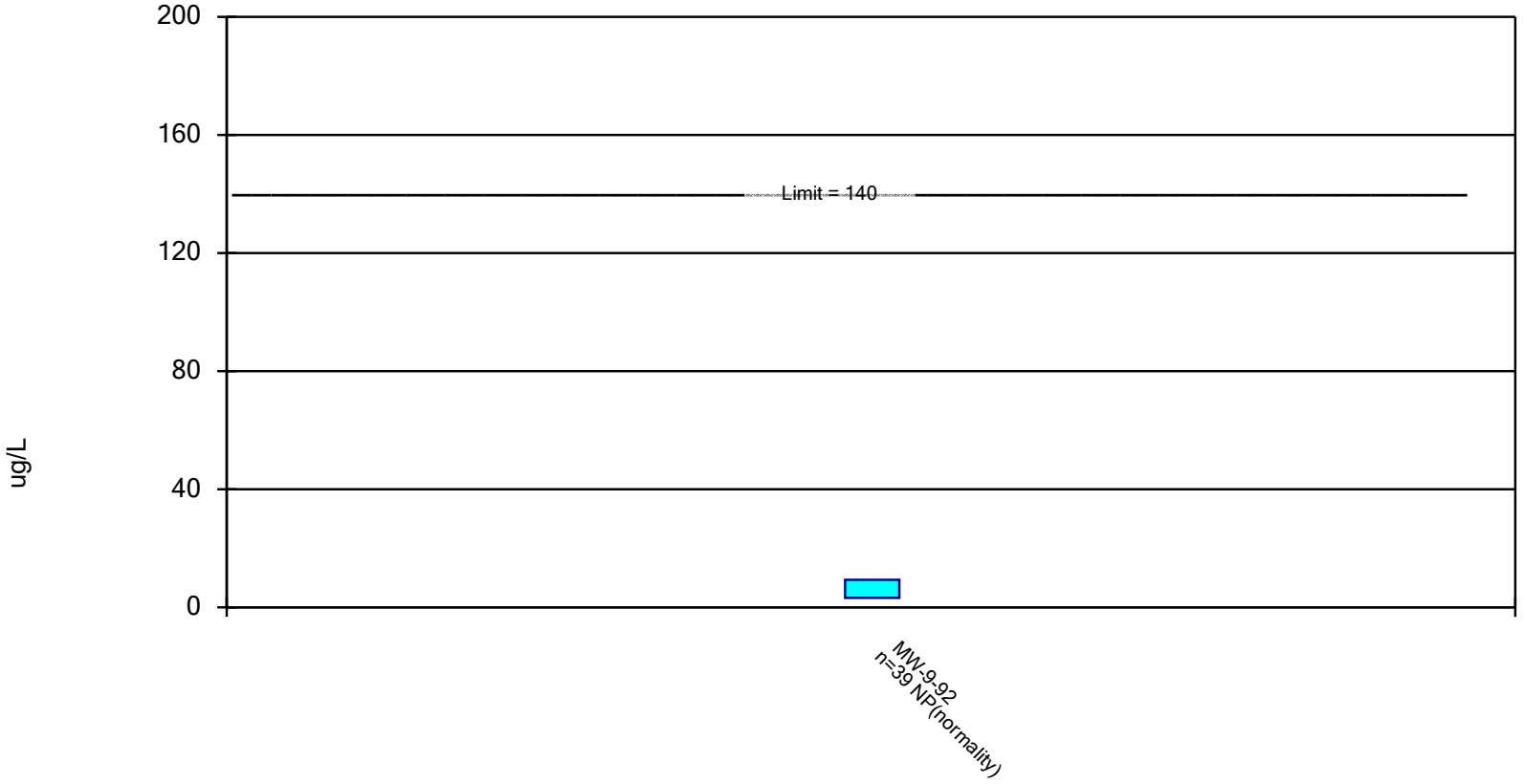
Constituent: Benzene Analysis Run 6/4/2025 11:29 AM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.



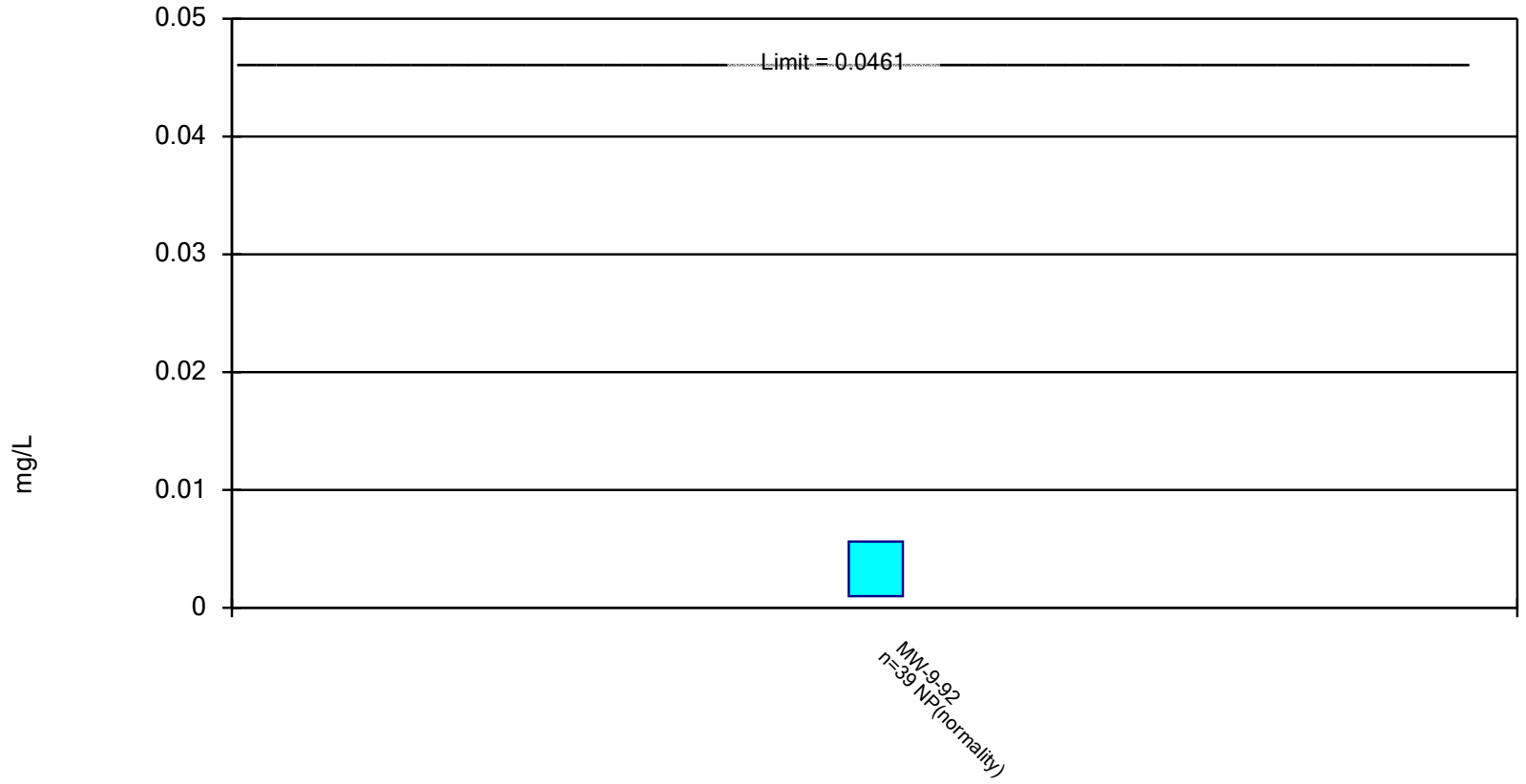
Constituent: 1,1-Dichloroethane Analysis Run 6/4/2025 11:58 AM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Non-Parametric Confidence Interval - Corrective Action Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. - Assessment Constituents



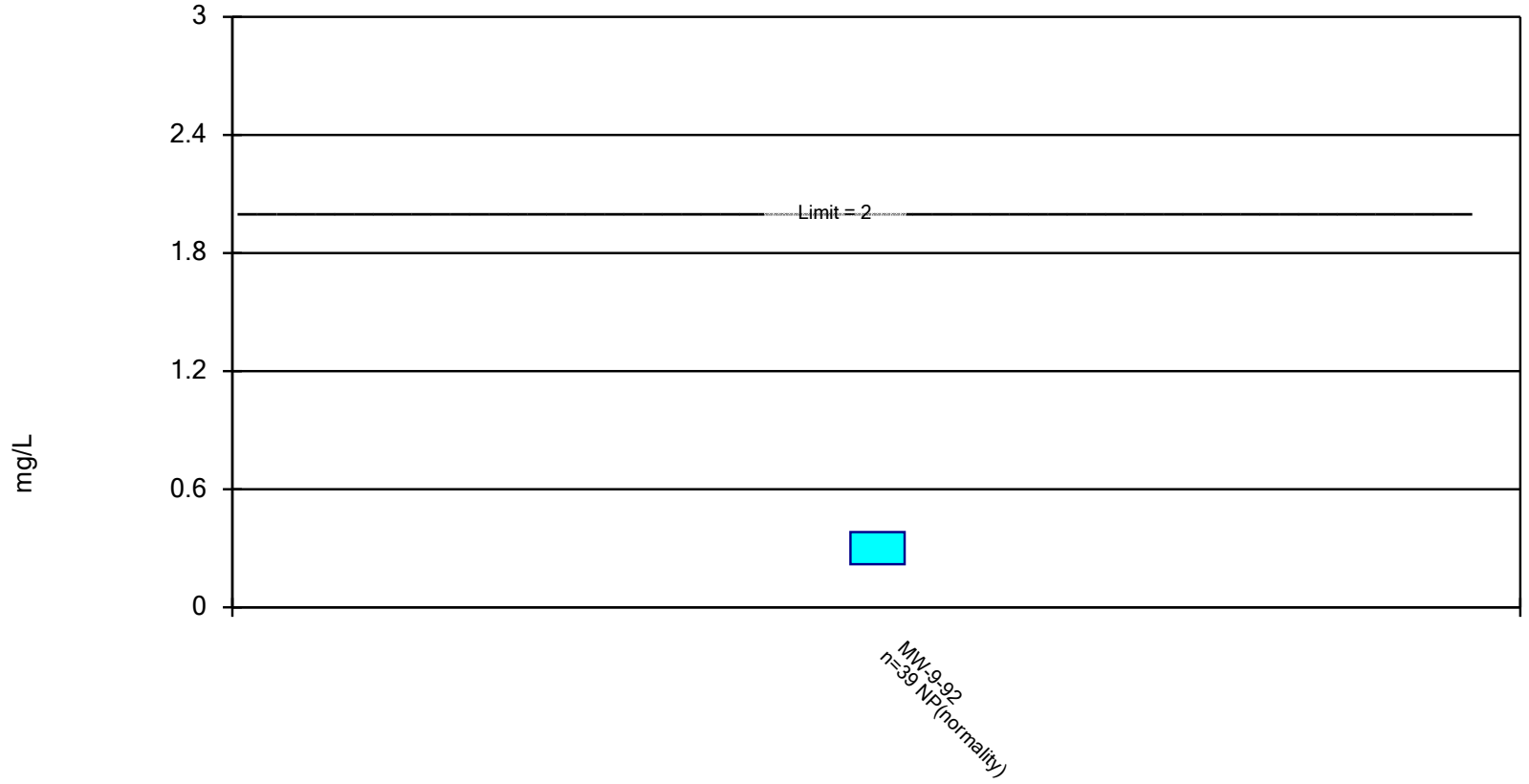
Constituent: Arsenic Analysis Run 6/4/2025 10:06 AM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.



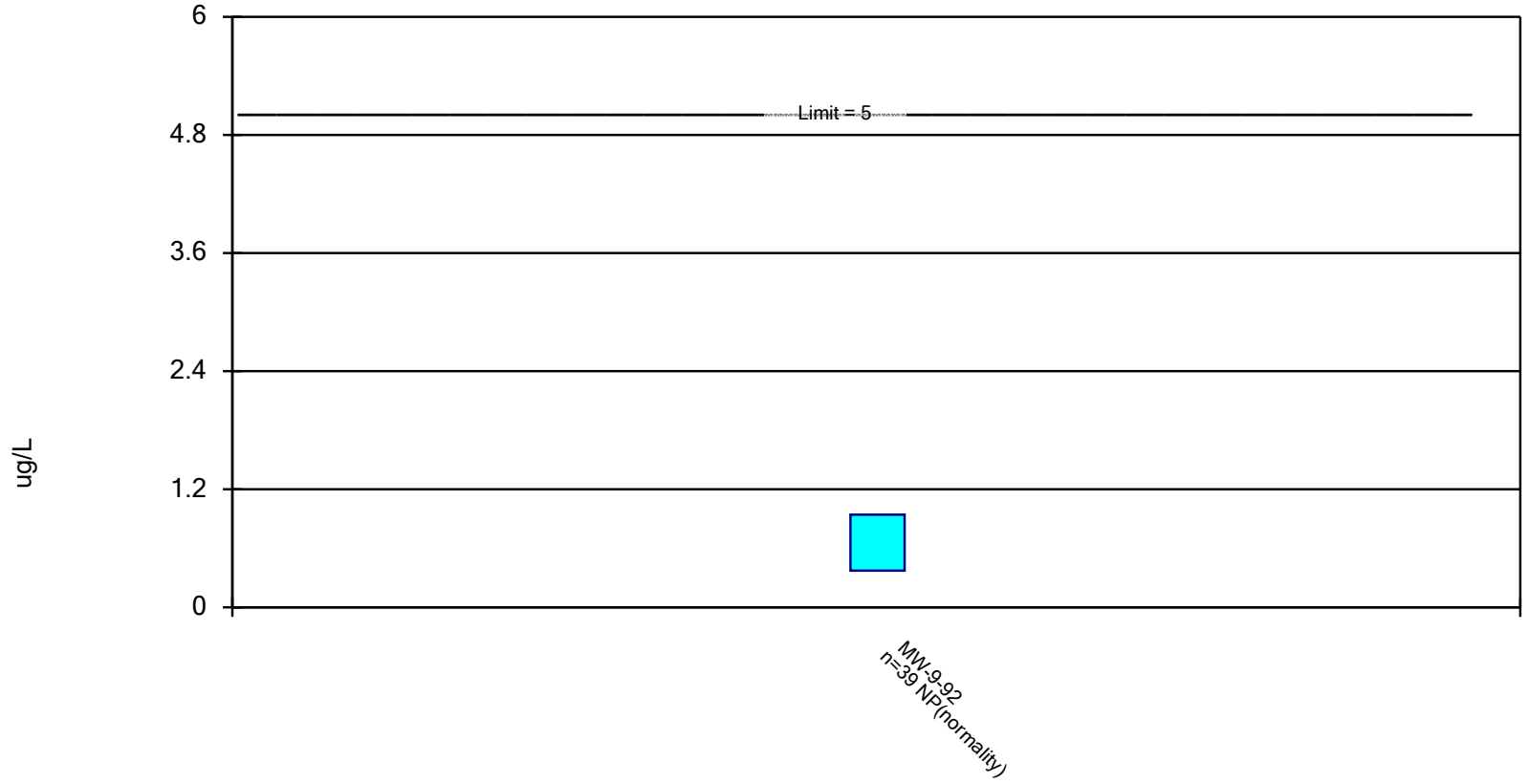
Constituent: Barium Analysis Run 6/4/2025 11:58 AM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.



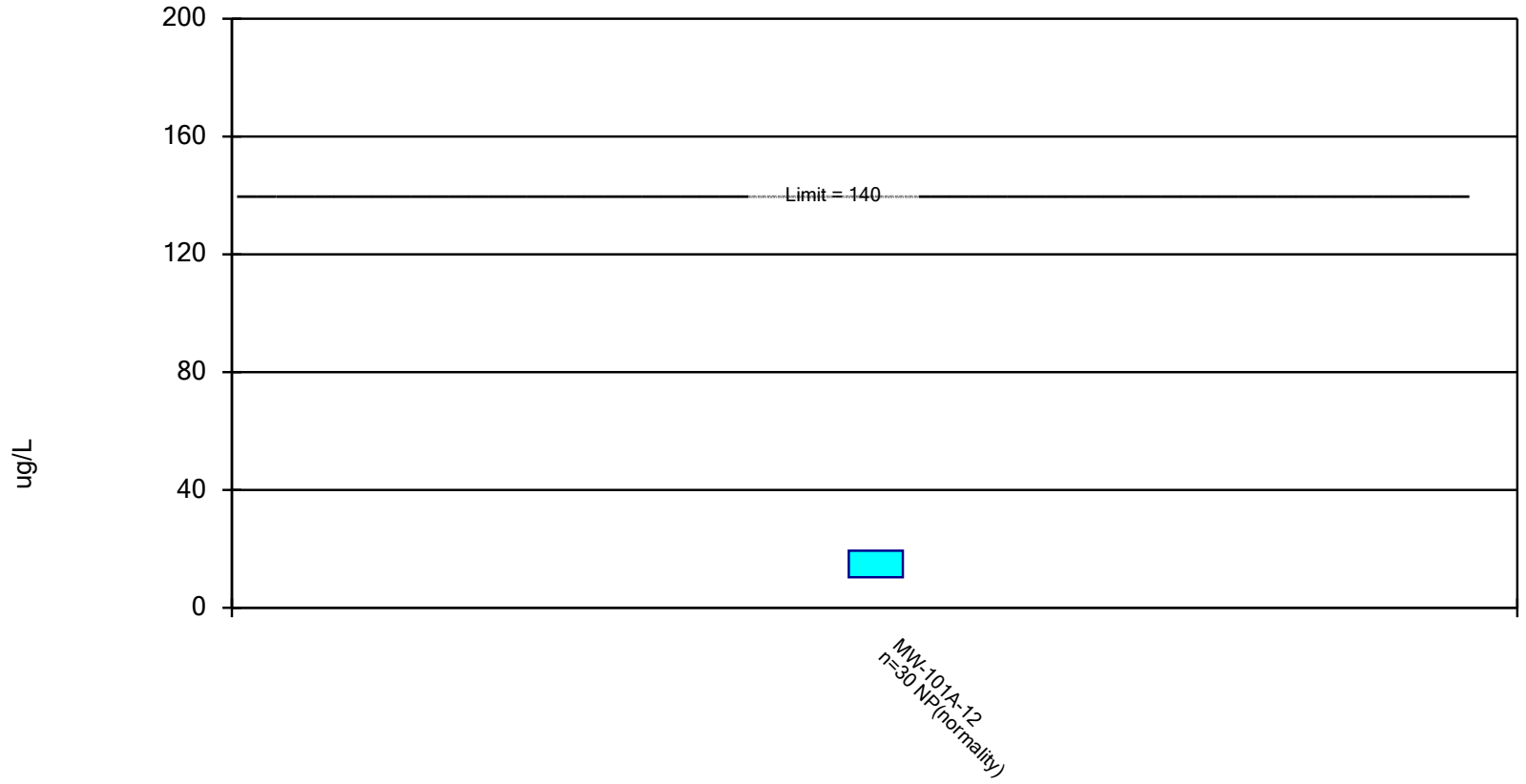
Constituent: Benzene Analysis Run 6/4/2025 11:58 AM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Non-Parametric Confidence Interval - Corrective Action Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. - Assessment Constituents

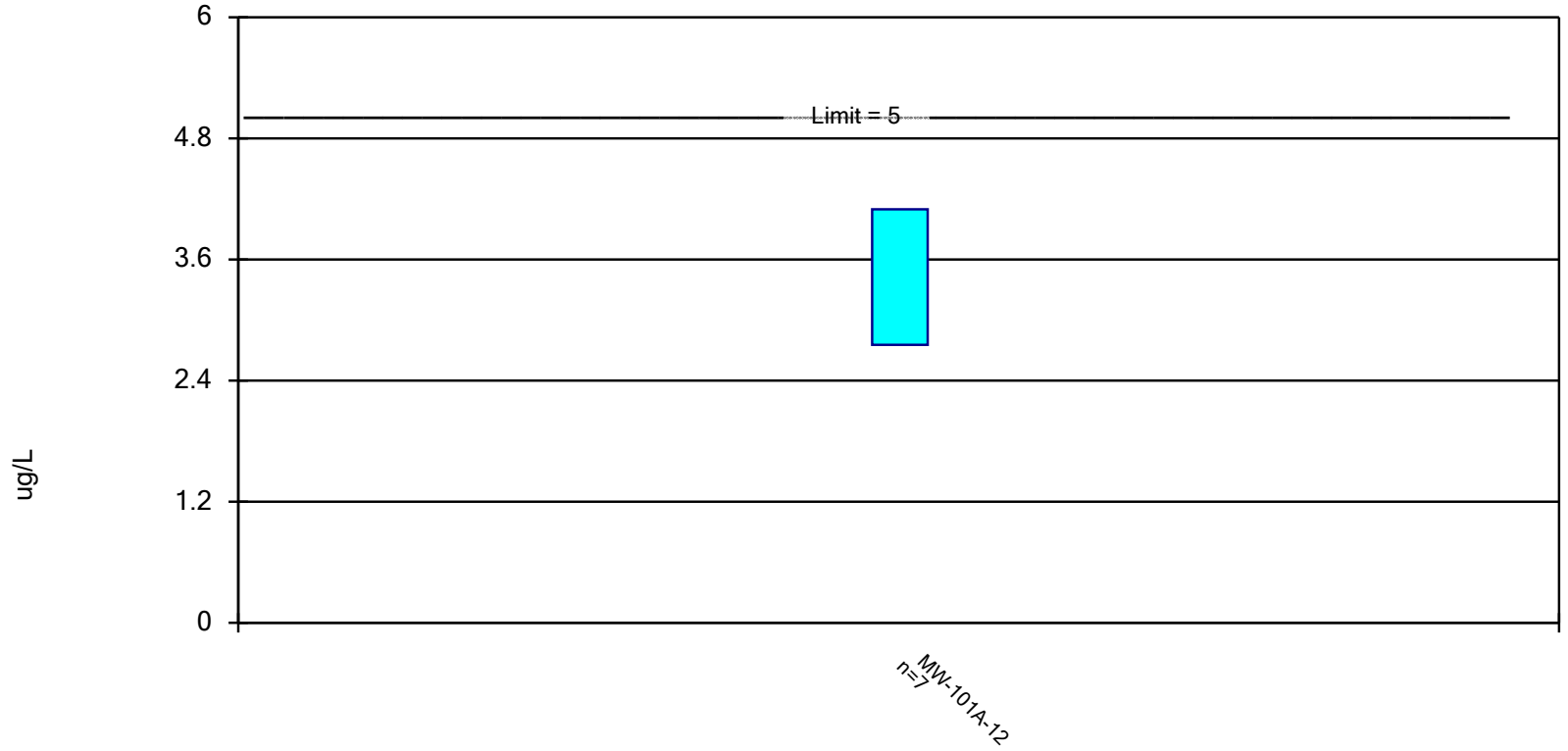


Constituent: 1,1-Dichloroethane Analysis Run 6/4/2025 12:27 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



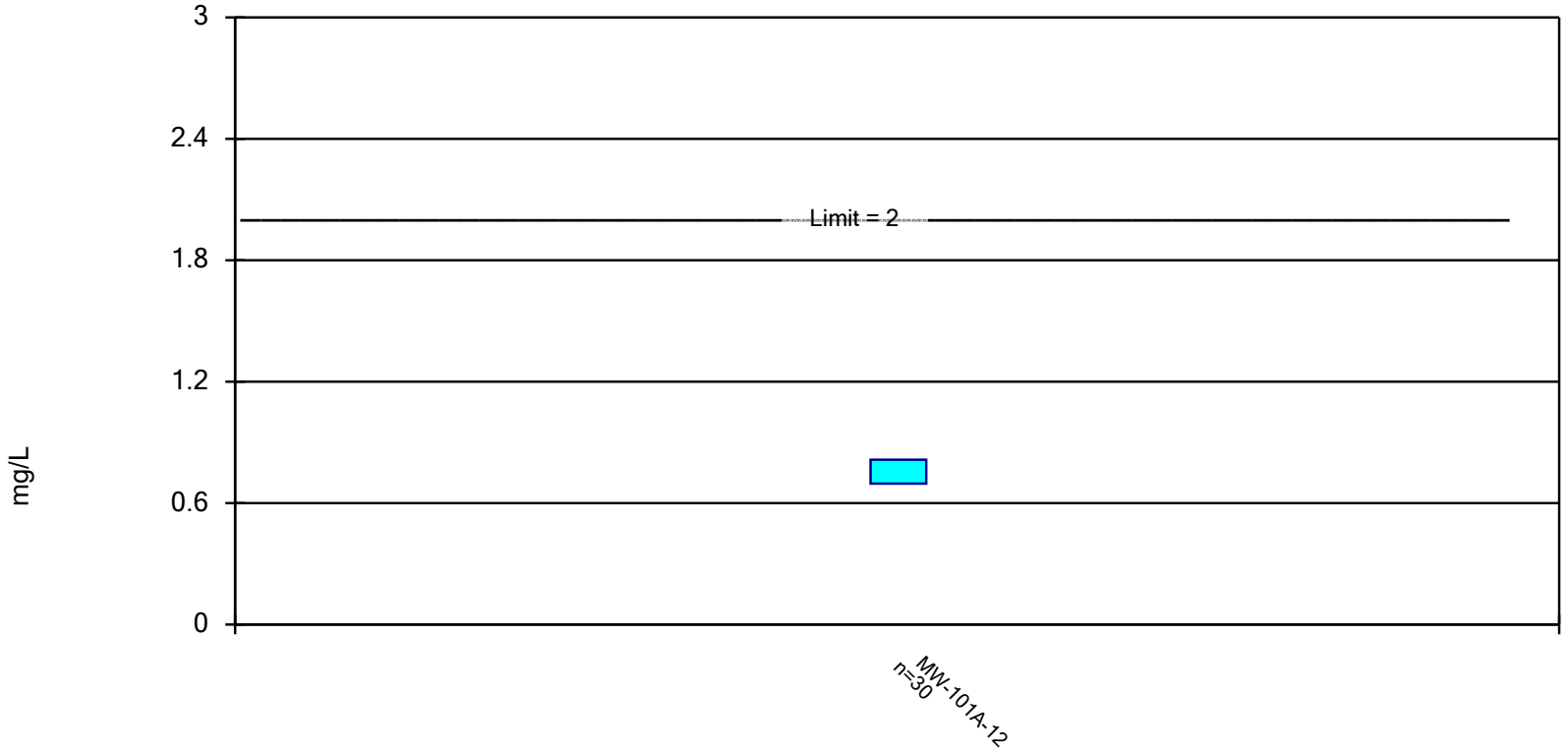
Constituent: 1,2-Dichloropropane Analysis Run 6/4/2025 3:09 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Parametric Confidence Interval - Corrective Action Monitoring - Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 6/4/2025 3:41 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Parametric Confidence Interval - Corrective Action Monitoring - Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Benzene Analysis Run 6/4/2025 12:27 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Non-Parametric Confidence Interval - Corrective Action Monitoring - Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01.



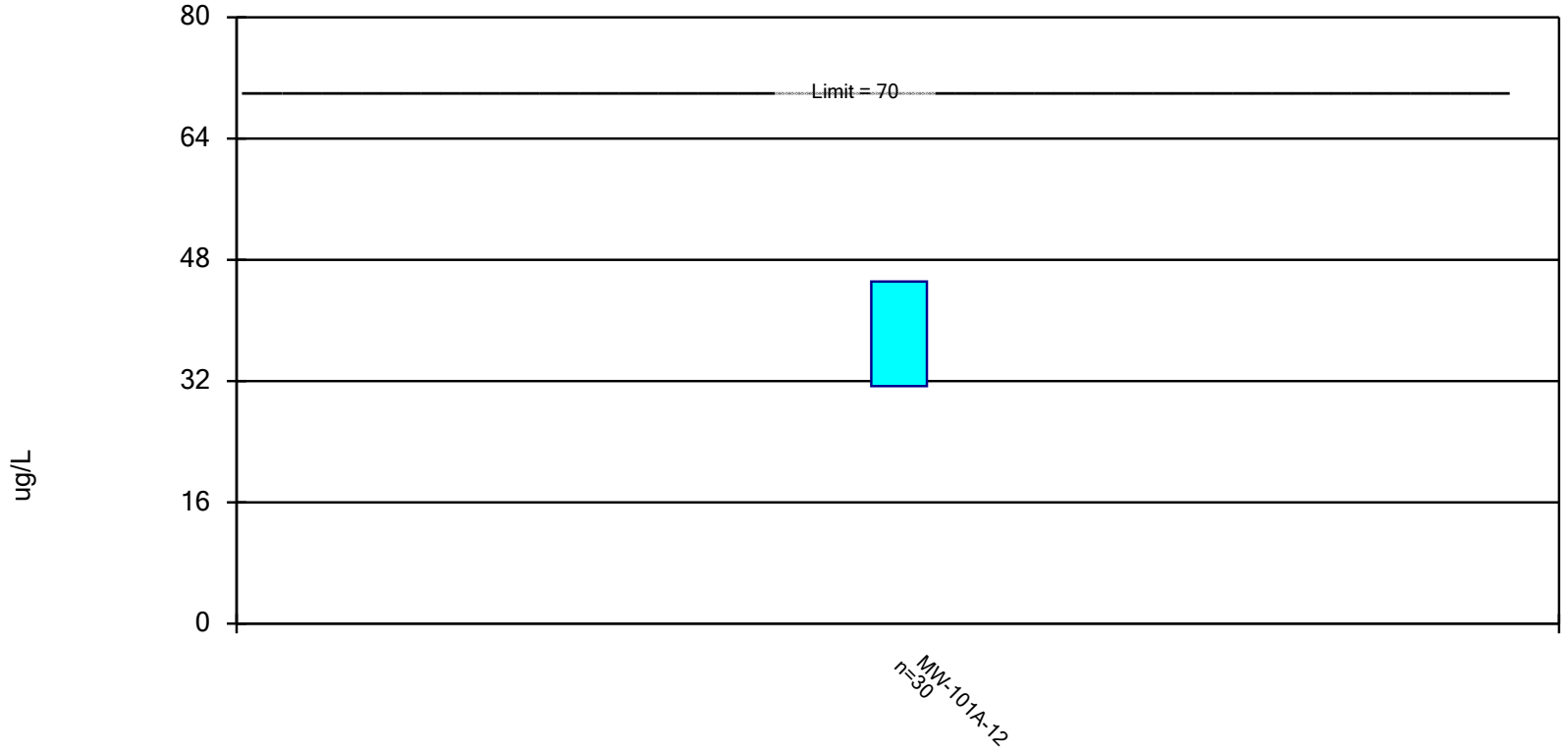
Constituent: Chlorobenzene Analysis Run 6/4/2025 12:27 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Parametric Confidence Interval - Corrective Action Monitoring - Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

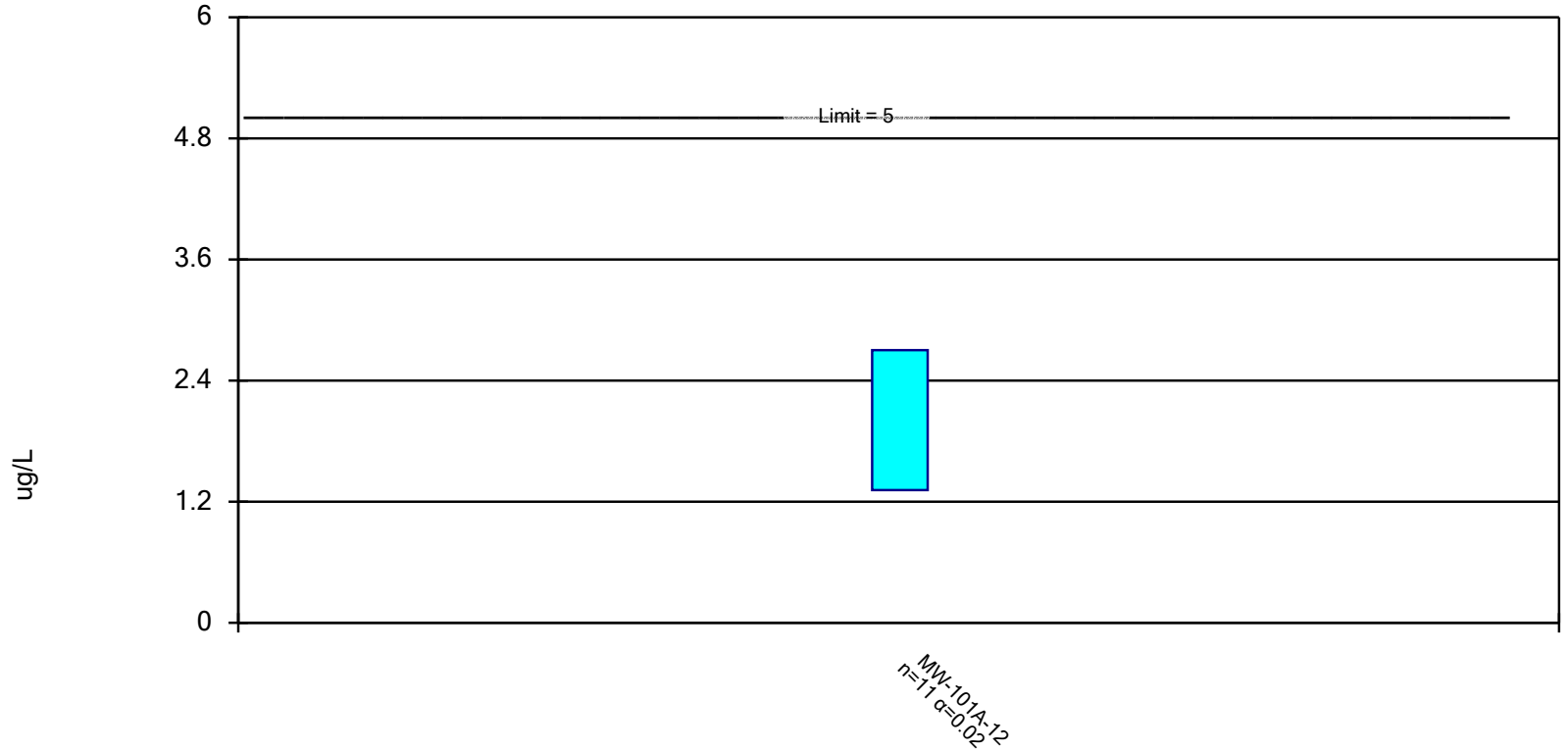


Constituent: cis-1,2-Dichloroethene Analysis Run 6/4/2025 12:27 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Normality Test: Shapiro Wilk, alpha based on n.



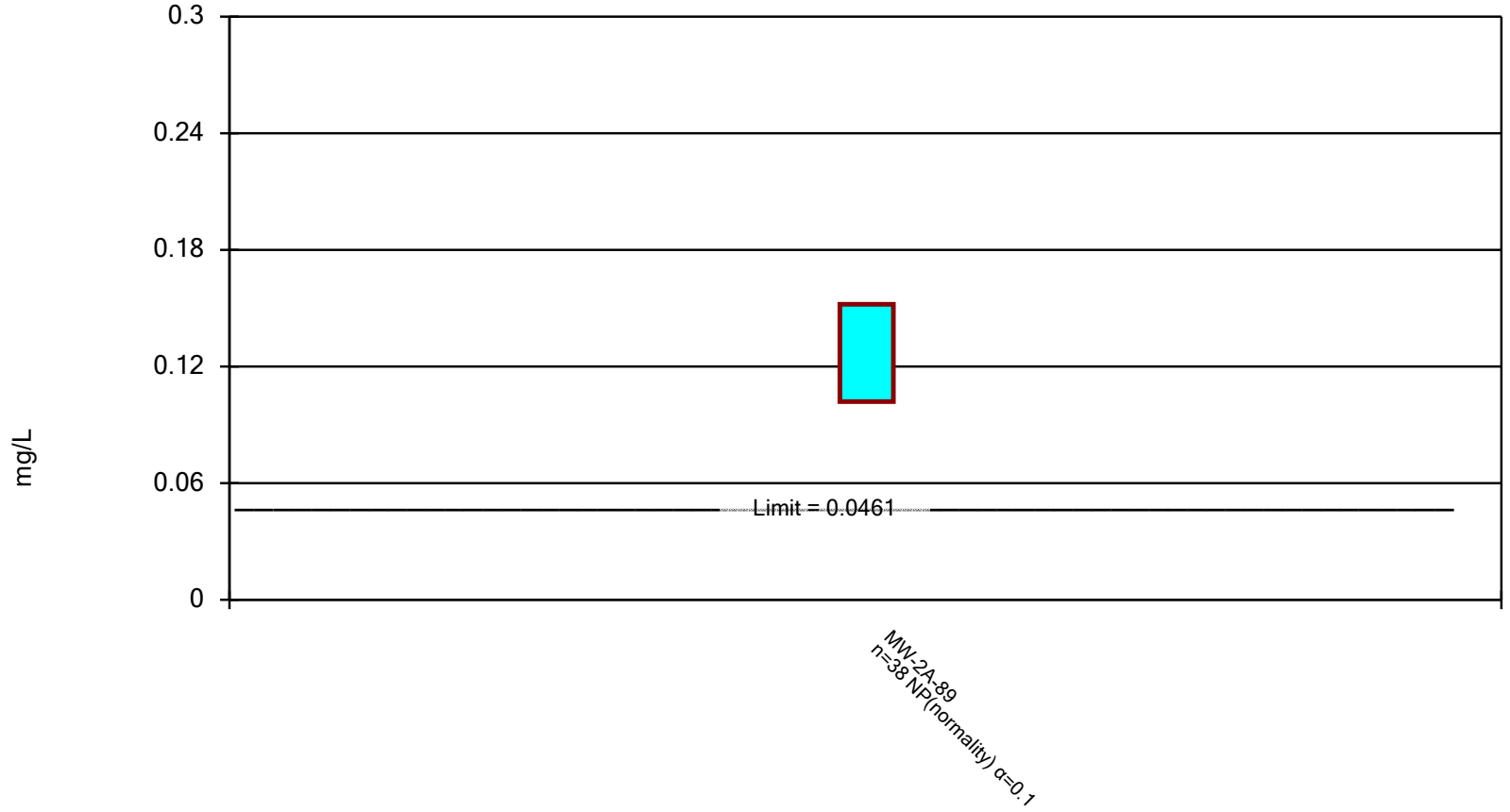
Constituent: Tetrachloroethene Analysis Run 6/4/2025 12:38 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

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Non-Parametric Confidence Interval, Corrective Action Mode

Compliance limit is exceeded.



Constituent: Arsenic Analysis Run 6/4/2025 4:13 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

MW-2A-89 Barium Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.73172989
R Square	0.53542864
Adjusted R Square	0.52252388
Standard Error	0.37231447
Observations	38

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5.751372371	5.751372	41.49079	1.79446E-07
Residual	36	4.990250267	0.138618		
Total	37	10.74162264			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	9.2104363	1.303556563	7.065621	2.69E-08	6.566701058	11.85417155	6.566701058	11.85417155
X Variable 1	-0.0001978	3.07085E-05	-6.441334	1.79E-07	-0.000260083	-0.00013552	-0.00026008	-0.000135524

X	Y	ln(Y)	Predicted-Log Scale	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
10/5/2007	3.81	1.34	1.42	4.16	5.02	3.45	8.01	2.16
1/8/2008	4.22	1.44	1.41	4.08	4.90	3.39	7.85	2.12
4/7/2008	3.97	1.38	1.39	4.01	4.80	3.35	7.71	2.08
7/15/2008	4.02	1.39	1.37	3.93	4.68	3.30	7.55	2.05
10/20/2008	4.06	1.40	1.35	3.86	4.58	3.25	7.40	2.01
4/7/2009	3.21	1.17	1.32	3.73	4.40	3.16	7.14	1.95
10/13/2009	3.33	1.20	1.28	3.59	4.20	3.07	6.87	1.88
4/29/2010	2.69	0.99	1.24	3.45	4.01	2.97	6.59	1.81
10/12/2010	4.81	1.57	1.21	3.34	3.86	2.90	6.37	1.75
4/11/2011	2.89	1.06	1.17	3.22	3.70	2.81	6.14	1.69
10/7/2011	4.35	1.47	1.14	3.11	3.55	2.73	5.91	1.64
4/23/2012	2.3	0.83	1.10	2.99	3.39	2.64	5.68	1.58
10/23/2012	12	2.48	1.06	2.89	3.25	2.56	5.47	1.52
4/19/2013	1.85	0.62	1.02	2.79	3.13	2.48	5.28	1.47
10/10/2013	2.33	0.85	0.99	2.69	3.01	2.41	5.10	1.42
3/13/2014	2.41	0.88	0.96	2.61	2.91	2.34	4.94	1.38
9/17/2014	1.74	0.55	0.92	2.52	2.79	2.26	4.76	1.33
5/19/2015	1.45	0.37	0.87	2.40	2.66	2.16	4.53	1.27
10/21/2015	1.7	0.53	0.84	2.32	2.57	2.10	4.40	1.23
4/13/2016	1.53	0.43	0.81	2.25	2.49	2.03	4.25	1.19
9/12/2016	1.53	0.43	0.78	2.18	2.41	1.97	4.12	1.15
3/22/2017	1.52	0.42	0.74	2.10	2.33	1.89	3.97	1.11
8/30/2017	2.88	1.06	0.71	2.03	2.26	1.83	3.85	1.07
3/8/2018	3.75	1.32	0.67	1.96	2.18	1.75	3.71	1.03
9/12/2018	1.33	0.29	0.63	1.89	2.11	1.68	3.57	1.00
4/23/2019	2.56	0.94	0.59	1.80	2.03	1.60	3.42	0.95
10/9/2019	2.51	0.92	0.56	1.75	1.98	1.54	3.31	0.92
4/14/2020	1.9	0.64	0.52	1.68	1.91	1.48	3.20	0.89
10/20/2020	2.47	0.90	0.48	1.62	1.86	1.41	3.08	0.85
5/4/2021	2.3	0.83	0.44	1.56	1.80	1.35	2.97	0.82
10/12/2021	1.79	0.58	0.41	1.51	1.75	1.30	2.88	0.79
4/13/2022	1.51	0.41	0.38	1.46	1.70	1.25	2.78	0.76
10/11/2022	1.34	0.29	0.34	1.40	1.65	1.19	2.69	0.73
5/2/2023	1.16	0.15	0.30	1.35	1.60	1.14	2.59	0.70
11/15/2023	1.05	0.05	0.26	1.30	1.55	1.09	2.50	0.68
5/1/2024	1.17	0.16	0.23	1.26	1.51	1.04	2.42	0.65
10/2/2024	1.06	0.06	0.20	1.22	1.48	1.00	2.35	0.63
4/8/2025	0.878	-0.13	0.16	1.17	1.44	0.96	2.27	0.61

GWPS = 2 mg/L

MW-2A-89 Barium Regression Analysis

GWPS = 2 mg/L

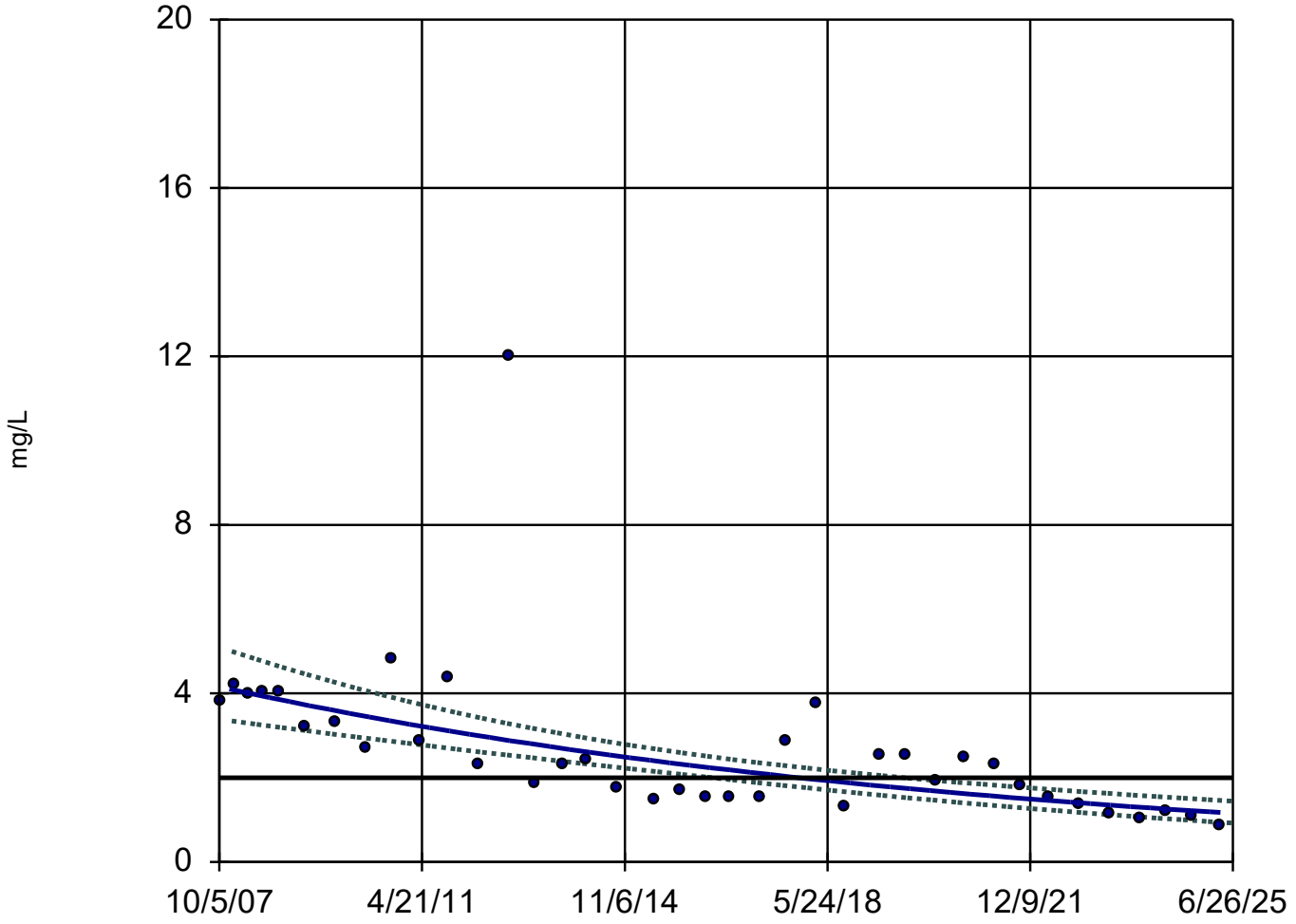
First Achieved Compliance with the GWPS
Fall 2022

Projected Year to Completion
Spring 2025

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Linear Regression and 90% Confidence Band

MW-2A-89



n = 38

Slope = -0.07224
natural log units/year.

alpha = 0.02
t = -6.44
critical = -2.131

Significant decreasing trend.

User-set transformation
= Natural Log

GWPS = 2 mg/L.

Constituent: Barium Analysis Run 6/4/2025 3:42 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

MW-101A-12 Trichloroethene Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.96540859
R Square	0.93201375
Adjusted R Square	0.92801456
Standard Error	1.49046751
Observations	19

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	517.7202861	517.7203	233.0506	2.34179E-11
Residual	17	37.76538757	2.221493		
Total	18	555.4856737			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	241.138038	14.9032678	16.18021	9.25E-12	209.6948915	272.5811847	209.6948915	272.5811847
X Variable 1	-0.00515625	0.000337761	-15.26599	2.34E-11	-0.005868862	-0.004443637	-0.00586886	-0.004443637

X	Y	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
4/13/2016	21.7	19.97	21.15	18.83	22.80	17.14
9/13/2016	21.5	19.34	20.43	18.28	22.14	16.54
3/21/2017	22.7	18.56	19.56	17.59	21.33	15.79
8/29/2017	20	17.90	18.82	17.00	20.64	15.15
3/7/2018	20.6	17.12	17.95	16.30	19.83	14.40
9/11/2018	16.5	16.34	17.10	15.60	19.04	13.64
4/24/2019	17.9	15.42	16.10	14.74	18.10	12.74
10/9/2019	13.7	14.73	15.36	14.09	17.39	12.06
4/14/2020	14.4	13.95	14.56	13.35	16.61	11.29
10/20/2020	11.8	13.17	13.77	12.58	15.83	10.51
5/3/2021	11.6	12.37	12.98	11.77	15.04	9.71
10/12/2021	9.12	11.71	12.34	11.07	14.38	9.04
4/13/2022	9.82	10.95	11.64	10.28	13.63	8.27
10/11/2022	9.62	10.21	10.96	9.47	12.90	7.51
5/2/2023	9.08	9.37	10.21	8.56	12.09	6.66
11/15/2023	7.19	8.56	9.48	7.67	11.31	5.82
4/30/2024	7.54	7.88	8.88	6.91	10.64	5.11
10/2/2024	7.82	7.24	8.32	6.20	10.03	4.44
4/8/2025	7.42	6.47	7.65	5.33	9.30	3.64

GWPS = 5 ug/L

Projected Year to Attain Compliance with the GWPS (Assuming Future First Order Attenuation Instead of Linear Decay)

5/3/2027

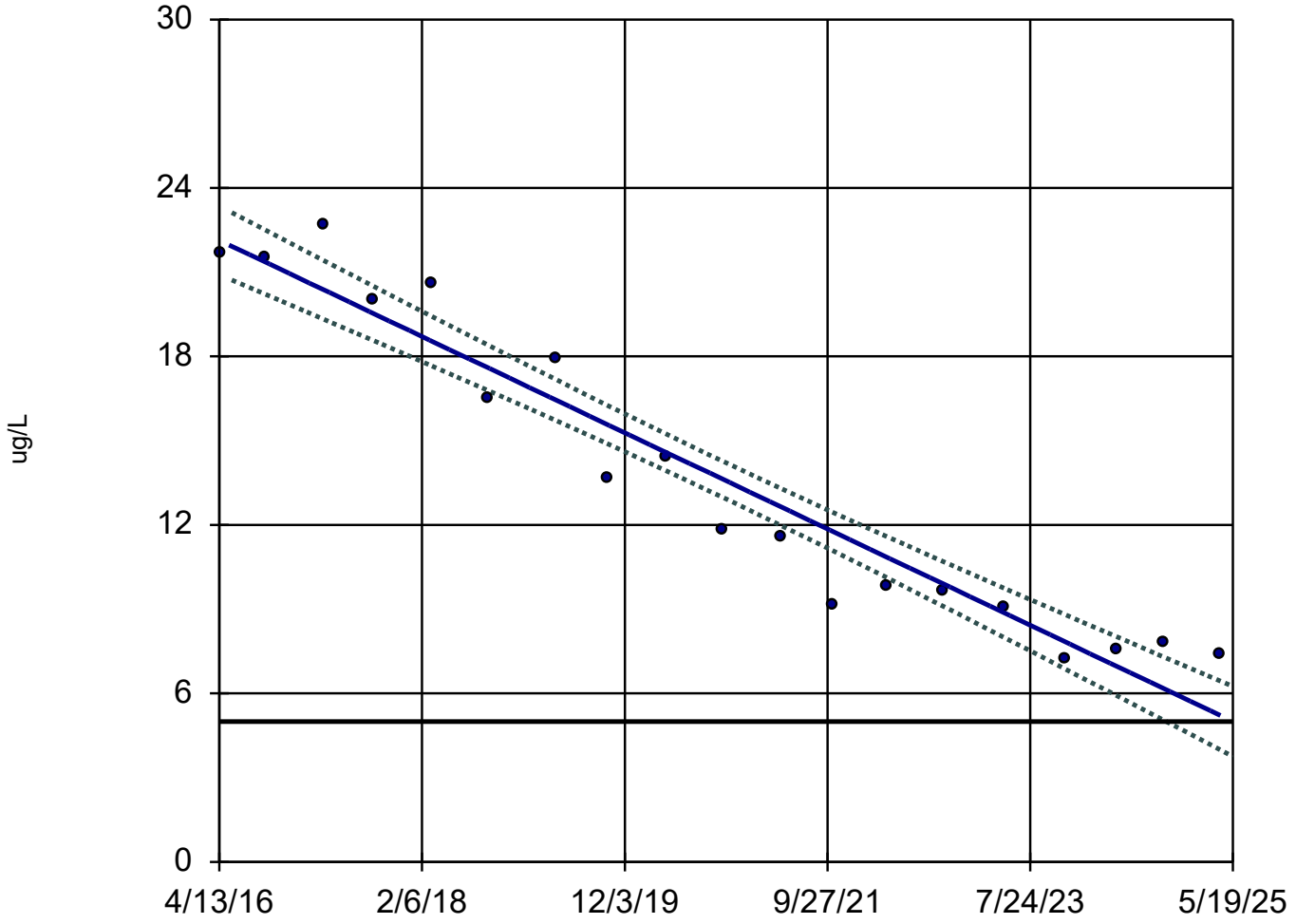
Projected Year to Completion

5/2/2030

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Linear Regression and 90% Confidence Band

MW-101A-12



n = 19

Slope = -1.883
units/year.

alpha = 0.02
t = -15.25
critical = -2.224

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9634, critical
= 0.863.

GWPS = 5 ug/L.

Constituent: Trichloroethene Analysis Run 6/4/2025 3:58 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

MW-101A-12 Vinyl Chloride Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.95750259
R Square	0.91681121
Adjusted R Square	0.91284984
Standard Error	2.08271569
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1003.909089	1003.909	231.4379	8.19416E-13
Residual	21	91.0917979	4.337705		
Total	22	1095.000887			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	249.252629	15.52624255	16.05363	2.89E-13	216.9640402	281.5412181	216.9640402	281.5412181
X Variable 1	-0.00539821	0.00035484	-15.21308	8.19E-13	-0.006136137	-0.004660277	-0.00613614	-0.004660277

X	Y	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
3/12/2014	25.1	24.09	25.54	22.65	27.96	20.23
9/10/2014	23.4	23.11	24.46	21.76	26.94	19.28
5/19/2015	21	21.76	22.98	20.53	25.54	17.97
10/21/2015	21.3	20.92	22.07	19.77	24.68	17.15
4/13/2016	20.8	19.97	21.05	18.90	23.72	16.23
9/13/2016	18.6	19.15	20.16	18.14	22.87	15.43
3/21/2017	22.9	18.13	19.06	17.19	21.83	14.42
8/29/2017	16.3	17.26	18.14	16.38	20.95	13.57
3/7/2018	19.1	16.23	17.06	15.41	19.91	12.56
3/7/2018	14.9	16.23	17.06	15.41	19.91	12.56
4/24/2019	13.7	14.00	14.76	13.25	17.67	10.34
10/9/2019	9.3	13.10	13.84	12.35	16.76	9.44
4/14/2020	11.3	12.08	12.84	11.33	15.75	8.42
10/20/2020	8.92	11.06	11.85	10.28	14.73	7.39
5/3/2021	8.02	10.01	10.84	9.18	13.69	6.33
10/12/2021	5.9	9.13	10.01	8.26	12.82	5.45
4/13/2022	6.87	8.15	9.08	7.21	11.85	4.44
10/11/2022	8.28	7.17	8.18	6.16	10.89	3.45
5/2/2023	6.29	6.07	7.17	4.98	9.82	2.33
11/15/2023	4.24	5.01	6.20	3.83	8.79	1.24
4/30/2024	4.92	4.11	5.38	2.84	7.91	0.31
10/2/2024	5.57	3.27	4.62	1.93	7.10	-0.55
4/8/2025	5.58	2.26	3.70	0.82	6.12	-1.60

GWPS = 2 ug/L

Projected Year to Attain Compliance with the GWPS (Assuming Future First Order Attenuation Instead of Linear Decay)

3/26/2030

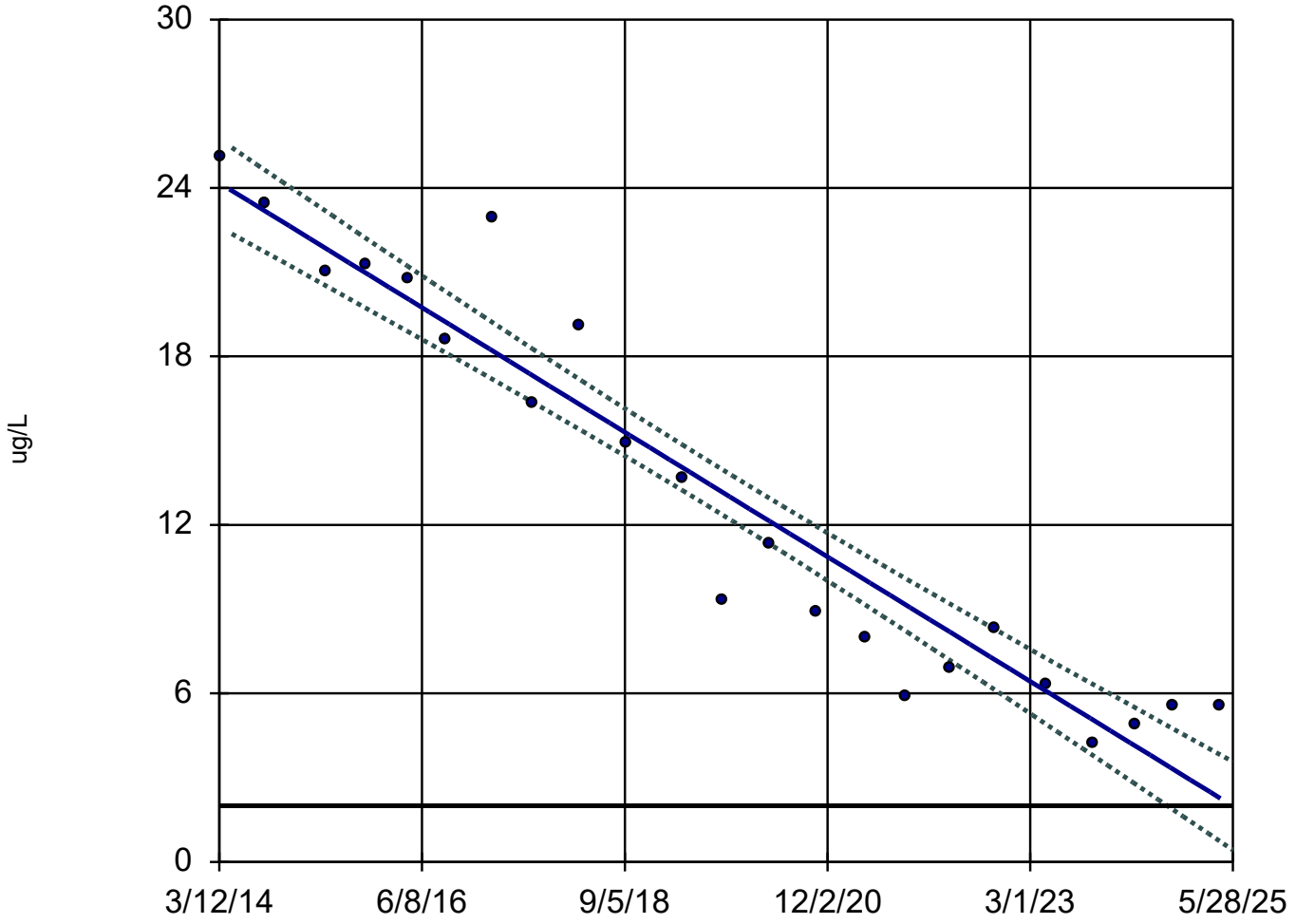
Projected Year to Completion

3/25/2033

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Linear Regression and 90% Confidence Band

MW-101A-12



n = 23

Slope = -1.979
units/year.

alpha = 0.02
t = -15.36
critical = -2.189

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9738, critical
= 0.881.

GWPS = 2 ug/L.

Constituent: Vinyl Chloride Analysis Run 6/4/2025 4:06 PM

Landfill of North Iowa Client: Foth Data: LNI Spring 2025 Evaluation

Attachment 5
References

References

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USEPA, 2006. *On the Computation of a 95% Upper Confidence Limit of the Unknown Population Mean Based Upon Data Sets with Below Detection Limit Observations*. EPA/600/R-06/022. Office of Research and Development, Washington, D.C.

USEPA, 2009. *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance*. EPA 530-R-09-007. Office of Resource Conservation and Recovery, Program Implementation and Information Division, Washington, D.C.

Memorandum

411 6th Avenue SE, Suite 400
Cedar Rapids, IA 52401
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foth.com

December 8, 2025

TO: Iowa Department of Natural Resources

FR: Gina Wilming; Stephen Lehrke, PhD

RE: Landfill of North Iowa Statistical Analysis - Fall 2025 Evaluation

1. Memorandum Organization

This memo addresses the statistical analysis of the groundwater monitoring data collected during October 2025. The statistical methods and results are summarized, with the memo organization given as follows:

Page
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2. Background

The groundwater monitoring locations and the status of the Appendix I and II sampling schedules are summarized in Table 1. The Appendix I and II analytical results will be provided in Table 14 of the 2025 Annual Water Quality Report (AWQR).

Table 1
Groundwater Monitoring Locations & Sampling Schedules
Oct. 2007 – Oct. 2025 Appendix I and II Data

Monitoring Location	Monitoring Program	Current Schedule (Oct. 2025) [1,2]	Appendix I Initiated	# Events to Complete Baseline Appendix I or Completion Date [113.10(5)b]	Appendix II Initiated	# Events to Complete Baseline Appendix II or Completion Date [113.10(6)b]	Returned to Detection Monitoring
Downgradient Monitoring Locations							
GUA-1	Detection	N/A [3]	Dec-11	Oct-12	N/A	N/A	N/A
GUA-1-2	Detection	Appendix I	Apr-16	Mar-17	N/A	N/A	N/A
MW-1-89	Assessment	Appendix II	Oct-07	Oct-08	Apr-09	Apr-10	No
MW-2A-89	Corrective Action	Appendix II	Oct-07	Oct-08	Apr-09	Apr-10	No
MW-3-89	Detection	Appendix I	Oct-07	Oct-08	Apr-09	Apr-10	Apr-16
MW-4A-89	Detection	Appendix I	Oct-07	Oct-08	Apr-09	Apr-10	Apr-16
MW-4B-89	Assessment	Appendix II	Oct-07	Oct-08	Jul-09	Apr-10	No
MW-5-89	Assessment	Appendix II	Oct-07	Oct-08	May-23	Feb-24	No
MW-6-89	Detection	Appendix I	Oct-07	Oct-08	Apr-09	Apr-10	Apr-16

Table 1 Continued
Groundwater Monitoring Locations & Sampling Schedules
Oct. 2007 – Oct. 2025 Appendix I and II Data

Monitoring Location	Monitoring Program	Current Schedule (Oct. 2025) [1,2]	Appendix I Initiated	# Events to Complete Baseline Appendix I or Completion Date [113.10(5)b]	Appendix II Initiated	# Events to Complete Baseline Appendix II or Completion Date [113.10(6)b]	Returned to Detection Monitoring
Downgradient Monitoring Locations (Continued)							
MW-8A-89	Detection	Appendix I	Oct-07	Oct-08	N/A	N/A	N/A
MW-9-92	Assessment	Appendix II	Oct-07	Oct-08	Jun-11	Apr-12	No
MW-11	Delineation	App. I VOCs, Arsenic, Barium	Oct-07	Oct-08	N/A	N/A	N/A
MW-101A-12	Corrective Action	Appendix II	Feb-12	Oct-12	Jun-12	Jan-13	No
MW-101B	Delineation	App. I VOCs	Aug. 17	Sep-18	N/A	N/A	N/A
MW-102A-12	Assessment	Appendix II	Feb-12	Oct-12	Jun-12	Jan-13	Apr-16
					Sep-18	Nov-18	No
MW-103A-12	Assessment	Appendix II	Feb-12	Oct-12	May-23	Feb-24	No
MW-104A-12	Assessment	Appendix II	Feb-12	Oct-12	Oct-15	Apr-16	Mar-17
					Mar-18	Jun-18	No
MW-105A-12	Detection	Appendix I	Feb-12	Oct-12	Oct-15	Apr-16	Mar-18
					Apr-19	Jul-19	Oct-20
MW-107A	Delineation	App. I VOCs, Arsenic, Barium	Oct-15 [4]	Sep-16 [4]	N/A	N/A	N/A
MW-108A	Delineation	App. I VOCs, Arsenic, Barium	Oct-15 [4]	Sep-16 [4]	N/A	N/A	N/A
Background Monitoring Locations							
MW-15-10R	Background	Appendix II	Jun-10	Feb-11	May-15 [5]	NA	NA
MW-16-03	Background	Appendix II	Oct-15	Oct-17 [6]	Sep-16 [5]	NA	NA
MW-20-03	Background	Appendix II	Oct-12	Aug-13	May-15 [5]	NA	NA
MW-22A-03	Background	Appendix II	Oct-12	Aug-13	May-15 [5]	NA	NA
MW-23-03	Background	Appendix II	Oct-15	Oct-17 [6]	Sep-16 [5]	NA	NA
MW-106A-12	Background	Appendix II	Feb-12	Oct-12	May-15 [5]	NA	NA

N/A = not applicable
VOCs = volatile organic compounds

[1] In Oct. 2025, semiannual monitoring was conducted at GUA-1-2, MW-2A-89, MW-8A-89, MW-9-92, MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, MW-101A-12, MW-105A-12, and MW-106A-12. In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-1-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-11, MW-101B, MW-102A-12, MW-103A-12, MW-104A-12, MW-107A, and MW-108A in Fall 2024.

[2] Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Oct. 2025. Resampling for the full set of Appendix II constituents is conducted every 5 years.

[3] In accordance with Special Provision X.5.a.ii, the next annual compliance monitoring event at GUA-1 is scheduled for Fall 2026.

[4] MW-107A and MW-108A are utilized for delineation; therefore, baseline monitoring consisted of the Appendix I VOCs only. Arsenic and barium were added starting in March 2017. Five samples were collected for arsenic and barium at these wells after the Apr. 2019 event.

[5] Baseline monitoring for the detected Appendix II constituents was initiated in May 2015 at MW-15-10R, MW-20-03, MW-22A-03, and MW-106A-12 in May 2015 and in Sep. 2016 at MW-16-03 and MW-23-03. Baseline monitoring for the full Appendix II list was conducted at MW-15-10R, MW-20-03, MW-22A-03, and MW-106A-12 in Apr. 2016 and at MW-16-03 and MW-23-03 in Mar. 2017. The full Appendix II list will be analyzed again at the background monitoring locations during the Appendix II resampling event scheduled for Spring 2024.

[6] The first two baseline monitoring events at background wells MW-16-03 and MW-23-03 were for the Appendix I metals and tin only.

In October 2025, semiannual detection, assessment, corrective action, and background monitoring were continued at GUA-1-2, MW-2A-89, MW-8A-89, MW-9-92, MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, MW-101A-12, MW-105A-12, and MW-106A-12. In accordance with Special Provision X.5.o, annual detection, assessment, and delineation monitoring was also conducted at GUA-1-2, MW-1-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-11, MW-101B, MW-102A-12, MW-103A-12, MW-104A-12, MW-107A, and MW-108A in October 2025. The assessment, corrective action, and background monitoring locations

were sampled for the Appendix I and detected Appendix II constituents. In accordance with Special Provision X.5.a.ii, the annual compliance monitoring event at GUA-1 is scheduled for Fall 2026. Therefore, GUA-1 was not monitored in October 2025.

In accordance with Special Provision X.5.f, the next five-year resampling events for the full Appendix II list are scheduled for:

- Spring 2027 at MW-9-92;
- Fall 2028 at MW-102A-12 and MW-104A-12;
- Spring 2029 at MW-2A-89 and MW-101A-12 and background wells MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12; and
- Fall 2029 at MW-1-89, MW-4B-89, MW-5-89 and MW-103A-12.

Under the detection and assessment monitoring programs of 567 Iowa Administrative Code (IAC) 113.10(5) and 113.10(6), Appendix I and II monitoring results are statistically compared to background levels as given in 567 IAC 113.10(5)c and 113.10(6)e and to the groundwater protection standard (GWPS) as given in 567 IAC 113.10(6)g and h. A well may return to detection monitoring when all Appendix II constituents are "shown to be at or below background values, using the statistical procedures in paragraph 113.10(4)g for two consecutive sampling events." Consequently, in order to return to detection monitoring in accordance with 567 IAC 113.10(6)e, all Appendix II constituents must be below the interwell prediction limit (for constituents which are detected in the background data set) or below the laboratory reporting limit (for constituents which are not detected in the background data set) during two consecutive sampling events. Three consecutive sampling events may be utilized to make the determination to return to detection monitoring to limit frequent fluctuation of wells moving between the detection and assessment monitoring programs. Assessment monitoring continues when Appendix II concentrations are above background values but below the GWPS using the statistical procedures in 567 IAC 113.10(4)g.

If Appendix II constituents are detected at statistically significant levels (SSLs) above the groundwater protection standard (GWPS), characterization [567 IAC 113.10(6)g] is initiated and the owners or operators are required to initiate an assessment of corrective measures (ACM), select a remedy, and implement a remedy in accordance with 567 IAC 113.10(7), (8), and (9). For remedy completion [567 IAC 113.10(9)e(2)], compliance with the GWPS is considered achieved by demonstrating that concentrations of Appendix II constituents have not exceeded the GWPS for a period of three consecutive years or an alternate length of time established by the Iowa Department of Natural Resources (IDNR).

Based on the October 2007 through October 2025 results, this memo presents an evaluation of statistically significant increases (SSIs) and SSLs under the requirements of 567 IAC 113.10(4)g and h.

3. Statistical Methodology

The statistical methods utilized for locations in detection, assessment, corrective action, and delineation monitoring were consistent with the methods used in previous statistical evaluations. Detailed descriptions of the statistical methods are provided in Attachment 1.

Sanitas® v10.1 (Sanitas Technologies) software is utilized to complete the statistical comparisons.

During the Fall 2025 evaluation, the combined MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 background data set was utilized to evaluate SSIs over background for the shallow aquifer.

3.1 Background Data Set Adjustments

Background data set adjustments were made prior to conducting statistical comparisons and are listed as crossed-out concentrations in Table 14 of the 2025 AWQR.

3.1.1 Underdrain Gradient Change

Background data set adjustments were conducted during the Spring 2019 statistical evaluation to remove the April 2019 data at MW-15-10R and MW-106A-12 from the background data set. These adjustments were conducted due to a gradient change that occurred during that sampling event because of the groundwater underdrain for Cell A being temporarily turned off. Details regarding the temporary shutdown of the groundwater underdrain for Cell A, the gradient change resulting from shutdown of the underdrain, and the April 2019 background data set adjustments for MW-15-10R and MW-106A-12 are provided in the *Spring 2019 Statistical Notification & Underdrain Plan* (Foth, 2019).

3.1.2 Adjustments Associated with Turbidity and Total Suspended Solids

No background data set adjustments are recommended for background wells MW-15-10R, MW-20-03, MW-22A-03, and MW-23-03 based on review of the field turbidity and total suspended solids (TSS) data from the October 2025 sampling event. The October 2025 TSS concentrations in MW-20-03 and MW-23-03 were below the 5 mg/L limit for acceptable sample quality. At MW-15-10R and MW-22A-03, the October 2025 TSS concentrations of 11 and 6.5 mg/L, respectively, only slightly exceeded the 5 mg/L limit for acceptable sample quality. At these low-level TSS concentrations, correlation between TSS and metals concentrations is not evident.

At background well MW-16-03, the October 2025 TSS concentration of 38 mg/L exceeded the 5 mg/L limit for acceptable sample quality. Arsenic, barium, cobalt, nickel, and vanadium were detected above the method detection limit (MDL) in MW-16-03 in October 2025. The October 2025 concentrations of arsenic, cobalt, nickel, and vanadium were within the range of historic concentrations, and the October 2025 barium concentration is consistent with the recent trend in barium concentrations. Therefore, no adjustments are recommended for the October 2025 arsenic, barium, cobalt, nickel, and vanadium results in MW-16-03.

At background well MW-106A-12, the October 2025 TSS concentration of 38 mg/L exceeded the 5 mg/L limit for acceptable sample quality. Arsenic, barium, chromium, cobalt, and nickel were detected above the MDL in MW-106A-12 in October 2025. The October 2025 concentrations of barium, chromium, cobalt, and nickel were within the range of historic concentrations; therefore, no adjustments are recommended for the October 2025 barium, chromium, cobalt, and nickel results in MW-106A-12. Conversely, the October 2025 arsenic concentration is much higher than the range of historic concentrations; therefore, removal is recommended. MW-106A was redeveloped in August 2025, and the TSS concentration reduced from 88 mg/L in April 2025 to 38 mg/L in October 2025. TSS concentrations will be reviewed during subsequent sampling events to evaluate the effectiveness of redevelopment and the suitability of MW-106A-12 in the combined background data set.

The background dataset adjustments currently and previously recommended and incorporated based on review of turbidity data include:

- Removal of the April 2019 cobalt concentration in MW-22A-03.
- Removal of the October 2021 arsenic concentration in MW-15-10R.
- Removal of the April 2022 arsenic concentration in MW-15-10R.
- Removal of the April 2022 barium, cadmium, cobalt, nickel, selenium, silver, and thallium concentrations in MW-16-03.
- Removal of the May 2023 cobalt concentration in MW-106A-12.
- Removal of the November 2023 arsenic concentration in MW-15-10R.
- Removal of the April 2024 arsenic and cobalt concentrations in MW-106A-12.
- Removal of the October 2024 arsenic and cobalt concentrations in MW-106A-12.
- Removal of the April 2025 arsenic, barium, cobalt, copper, lead, and nickel concentrations in MW-106A-12.
- Removal of the October 2025 arsenic concentration in MW-106A-12.

A detailed discussion regarding compliance with the turbidity requirements outlined in Special Provision X.5.e will be provided in the 2025 AWQR.

3.1.3 Background Data Set Review for Prediction Limits

The background data set and practical quantitation limits (PQLs) were reviewed in the Spring 2015 statistical evaluation. This consisted of reviewing the PQLs for metals constituents used in the prediction limit evaluation to determine whether PQLs have been lowered over time, and whether some of the earlier non-detect data with elevated PQLs should be removed from the background data due to the increased uncertainty it added. During the Spring 2015 through Spring 2022 statistical evaluations, non-detect background samples with a PQL of at least two times the maximum detected background concentration were recommended for removal. Starting with the Fall 2022 statistical evaluation, non-detect background data with a PQL of at least two times the second-highest maximum detected background concentration were recommended for removal. No background data set adjustments are recommended in the current (Spring 2025) statistical evaluation based on review of PQLs.

The background data set adjustments previously recommended and incorporated based on the review of PQLs include:

- Removal of non-detect antimony background samples with PQLs greater than or equal to 0.003 mg/L
- Removal of non-detect beryllium background samples with PQLs of 0.004, 0.005, and 0.01 mg/L.
- Removal of non-detect cadmium background samples with a PQL of 0.01 mg/L.

- Removals of non-detect chromium background samples with PQLs of 0.05 and 0.1 mg/L.
- Removal of non-detect silver background samples with PQLs of 0.0025, 0.05, 0.01, and 0.02 mg/L.

3.1.4 Review of Single Background Detections

A single volatile organic compound (VOC) detection was identified for acetone in MW-106A-12 in October 2019. The October 2019 detected metals (arsenic, barium, cadmium, cobalt, nickel, and vanadium) in MW-106A-12 were recommended for removal from the background data set due to the potential impact indicated by the acetone detection. Since VOCs are considered "never detected" constituents, acetone was not added as a prediction limit constituent. Downgradient acetone results continue to be evaluated using the DQR.

3.2 Corrective Action Constituents

In accordance with the Unified Guidance (USEPA, 2009), corrective action statistics were conducted for analyte/well pairs with previously identified SSLs, as listed in Table 2. No new corrective action constituents were added based on the results of the previous Spring 2025 statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), barium in MW-2A-89 returned to an assessment constituent in Fall 2025 since compliance with the GWPS was maintained for three consecutive years.

Table 2
Corrective Action Constituents

Monitoring Location	Corrective Action Constituents [1]
MW-2A-89	Arsenic
MW-101A-12	Trichloroethene, Vinyl Chloride
MW-107A	Arsenic

[1] Corrective action constituents are analyte/well pairs with SSLs over the GWPS identified during previous statistical evaluations and have not achieved compliance with the GWPS for a period of at least three consecutive years in accordance with 567 IAC 113.10(9)e(2).

Under corrective action statistics, comparisons to background are not conducted (unless the GWPS is the background value); therefore, the analyte/well pairs listed in Table 2 are not included in the Section 4 comparisons to background. As detailed in Attachment 1, corrective action statistics compare the upper confidence limit to the compliance standard to determine whether concentration levels are in compliance with the GWPS. In the case of decreasing concentrations, the upper confidence limit on a regression trend line is utilized. All other compliance constituents in the corrective action monitoring locations (i.e., those without SSLs over the GWPS during prior statistical evaluations) are evaluated using the assessment monitoring procedures.

4. Comparison to Background

Comparisons to background levels were conducted using interwell prediction limits and the Double Quantification Rule (DQR). As noted in Section 3.2, comparisons to background were not conducted for the corrective action constituents listed in Table 2.

4.1 Interwell Prediction Limits

Interwell prediction limits were used to formally assess SSIs over background for analytes that have had at least two detections above the PQL in the shallow aquifer background data set (MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12). These analytes were arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, sulfide, vanadium, and zinc. Prediction limits calculated utilizing background sample data collected from June 2010 through October 2025 are summarized in Table 3. The background data set adjustments discussed in Section 3.1 were utilized.

Phenol, silver, and thallium have only been detected once above the reporting limit in background and cannot be analyzed using a non-parametric interwell prediction limit with the second-highest maximum order statistic. For antimony, the PQL changed from 0.001 to 0.002 mg/L starting May 2021 and has remained at 0.002 mg/L since. The second-highest background detection for antimony is lower than the current PQL of 0.002 mg/L. Antimony, phenol, silver, and thallium will be analyzed using the DQR unless there are subsequent detections greater than the current PQL in background.

Table 3
Interwell Prediction Limit Summary
Jun. 2010 – Oct. 2025 Interwell Data [(1)]

Chemical Name	Prediction Limit	Units	Prediction Limit Type	Retesting Plan	Prediction Limit Method
Arsenic	0.0405	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Barium	0.606	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Beryllium	0.00191	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Cadmium	0.00136	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Chromium	0.0245	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Cobalt	0.0182	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Copper	0.0425	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Lead	0.0128	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Nickel	0.149	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Sulfide [(2)]	17.3	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Vanadium	0.0304	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic
Zinc	0.0705	mg/L	Non-Parametric	1-of-2	Second-Highest Maximum Order Statistic

(1) Interwell data consists of the detected Appendix I and II parameters in the Jun. 2010 through Oct. 2025 data at shallow aquifer background wells MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12. Note that background data set adjustments were incorporated in accordance with Section 3.1.
(2) Sulfide is included only for assessment and corrective action monitoring locations.

Non-parametric prediction limits were used since either normality assumptions could not be met or there were less than 50% detects in the background data set. Interwell prediction limit output is included in Attachment 2. The monitoring locations exhibiting a prediction limit exceedance during the October 2025 event are listed in Table 4.

Table 4
Oct. 2025 Prediction Limit Exceedances

Prediction Limit	Arsenic (mg/L) 0.0405	Barium (mg/L) 0.606
Detection Monitoring Locations		
None		

Assessment Monitoring Locations		
MW-4B-89		0.73
MW-5-89		1.04
MW-9-92	0.123	0.711

Table 4 Continued
Oct. 2025 Prediction Limit Exceedances

Prediction Limit	Arsenic (mg/L) 0.0405	Barium (mg/L) 0.606
Assessment Monitoring Locations Continued		
MW-102A-12	0.0917	0.618
MW-103A-12		0.757
MW-104A-12	0.0616	
Corrective Action Monitoring Locations – Assessment Constituents		
MW-2A-89		1.11
MW-101A-12		0.831
Delineation Monitoring Locations – Assessment Constituents		
None		

4.2 Double Quantification Rule

The DQR was used to evaluate SSIs over background for the Appendix I and II constituents which have not been detected above the reporting limit in the shallow aquifer background data set; i.e., those which have not been evaluated using interwell prediction limits and the corrective action constituents listed in Table 2. The DQR output is included in Attachment 3, with a summary of the October 2025 DQR detections listed in Table 5.

Table 5
Double Quantification Rule
Oct. 2025 Detections

Well	Constituent(s)
Detection Monitoring Locations	
None	
Assessment Monitoring Locations	
MW-4B-89	Benzene; Chlorobenzene
MW-9-92	1,1-Dichloroethane; Benzene
Corrective Action Monitoring Locations - Assessment Constituents	
MW-101A-12	1,1-Dichloroethane; 1,2-Dichloropropane; Benzene; Chlorobenzene; cis-1,2-Dichloroethene; Tetrachloroethene
Delineation Monitoring Locations - Assessment Constituents	
None	

4.3 Summary of Comparison to Background

4.3.1 Detection Monitoring Locations

No prediction limit exceedances or DQR detections were identified at GUA-1-2, MW-3-89, MW-4A-89, MW-6-89, MW-8A-89, and MW-105A-12 in October 2025. In addition, the barium concentration of 0.662 mg/L at GUA-1-2 was below the 1 mg/L limit established for barium in the underdrain discharge in the alternate source demonstration approval (IDNR, 2024).

4.3.2 Assessment Monitoring Locations

No prediction limit exceedances or DQR detections were identified at MW-1-89. Prediction limit exceedances and DQR detections were identified at MW-4B-89, MW-5-89, MW-9-92, MW-102A-12, MW-103A-12, and MW-104A-12 as listed in Tables 4 and 5, respectively. In lieu of retesting for the prediction limit exceedances and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

4.3.2.1 Exiting Assessment Monitoring

Table 6 presents a summary of the assessment monitoring locations and statistical comparisons required for exiting assessment monitoring. As discussed in Section 2, assessment monitoring locations may return to detection monitoring when Appendix II constituents fall below the interwell prediction limit (for constituents that are detected in the background data set) and below the laboratory reporting limit (for constituents that are not detected in the background data set) for three consecutive sampling events.

Table 6
Evaluation to Exit Assessment Monitoring

Monitoring Location and Date [1]	Constituents Detected in Background are Below Prediction Limits	DQR Constituents are Below Reporting Limit
MW-1-89		
Nov. 2023	**Yes**	No
Oct. 2024	**Yes**	No
Oct. 2025	**Yes**	**Yes**
MW-4B-89		
Nov. 2023	No	No
Oct. 2024	No	No
Oct. 2025	No	No
MW-5-89		
Feb. 2024	No	**Yes**
Oct. 2024	No	**Yes**
Oct. 2025	No	**Yes**
MW-9-92		
Oct. 2024	No	No
Apr. 2025	No	No
Oct. 2025	No	No
MW-102A-12		
Nov. 2023	No	No
Oct. 2024	No	No
Oct. 2025	No	**Yes**
MW-103A-12		
Feb. 2024	No	**Yes**
Oct. 2024	No	**Yes**
Oct. 2025	No	**Yes**
MW-104A-12		
Nov. 2023	**Yes**	No
Oct. 2024	No	No
Oct. 2025	No	**Yes**

[1] Table lists the assessment monitoring locations and the last three consecutive assessment monitoring events for each location.

As shown in Table 6, MW-1-89, MW-4B-89, MW-5-89, MW-9-92, MW-102A-12, MW-103A-12, and MW-104A-12 have not had all Appendix II constituents below background values for three consecutive sampling events. Therefore, these locations will not exit assessment monitoring at this time.

4.3.3 Corrective Action Monitoring Locations - Assessment Constituents

Prediction limit exceedances and DQR detections were identified at MW-2A-89 and MW-101A-12 as listed in Tables 4 and 5. In lieu of retesting for the prediction limit exceedance and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

4.3.4 Delineation Monitoring Locations

No prediction limit exceedances or DQR detections were identified at MW-11, MW-101B, MW-107A, and MW-108A.

5. Comparison to Groundwater Protection Standard

The prediction limit exceedances and DQR detections listed in Tables 4 and 5 were evaluated for SSLs over the GWPS per 567 IAC 113.10(6)f and g. Comparisons to the GWPS were evaluated through statistical confidence intervals under the assessment monitoring null hypothesis. SSLs were declared to exist with statistical certainty when the lower confidence limit exceeds the GWPS.

In contrast, corrective action analyte/well pairs (i.e., those where SSLs have been previously declared) were evaluated to determine compliance with the GWPS per 567 IAC 113.10(9)e. A summary of the corrective action constituents was provided in Table 2. Comparisons to the GWPS in this case were evaluated through statistical confidence intervals under the corrective action monitoring null hypothesis or confidence bands (upper 95% confidence limits) placed around the linear trend line. For corrective action constituents, compliance with the GWPS has been achieved with statistical certainty when the UCL or the upper 95% confidence limit on the trend line is lower than the GWPS for a period of three consecutive years or an alternate length of time established by the IDNR.

Statistical outputs for confidence intervals in assessment mode, regression statistics, confidence bands, and confidence intervals in corrective action mode are included in Attachment 4.

5.1 Adjustments Due to Exiting Corrective Action

As further detailed in Attachment 1, the historical data prior to when statistical compliance with the GWPS was first achieved will be removed when analyte/well pairs exit corrective action and return to assessment constituents. Arsenic in MW-4B-89, tetrachloroethene in MW-1-89, tetrachloroethene in MW-101A-12, and 1,2-dichloropropane in MW-101A-12 exited corrective action and returned to an assessment constituent during the Fall 2019, Fall 2020, Spring 2023, and Spring 2025 statistical evaluations, respectively. Compliance with the GWPS was first achieved in Fall 2016 for arsenic in MW-4B-89, Fall 2017 for tetrachloroethene in MW-1-89, Spring 2020 for tetrachloroethene in MW-101A-12, and Spring 2022 for 1,2-dichloropropane in MW-101A-12. The historical data prior to the initial compliance date were previously recommended for removal. In addition, barium in MW-2A-89 exited corrective action and

returned to an assessment constituent in Fall 2025. Compliance with the GWPS was first achieved in Fall 2022 for barium in MW-2A-89; therefore, the historical data prior to Fall 2022 were removed during this statistical evaluation.

The following data set adjustments currently and previously recommended and incorporated due to exiting corrective action include:

- Removal of the Oct. 2007 through Apr. 2016 arsenic data in MW-4B-89.
- Removal of the Oct. 2007 through Mar. 2017 tetrachloroethene data in MW-1-89.
- Removal of the Feb. 2012 through Oct. 2019 tetrachloroethene data in MW-101A-12.
- Removal of the Feb. 2012 through Oct. 2021 1,2-dichlorpropane data in MW-101A-12.
- Removal of the Oct. 2007 through Apr. 2022 barium data in MW-2A-89.

5.2 Background as the Arsenic GWPS

With arsenic, the concentrations in the background data set exceed the 40 Code of Federal Regulations (CFR) Part 141 Safe Drinking Water Act Maximum Contaminant Level (MCL) of 0.01 mg/L. Therefore, pursuant to 567 IAC 113.10(6)h, the GWPS for arsenic is taken as background and evaluated with the statistical methods described in Attachment 1 and as recommended in the Unified Guidance (USEPA, 2009). In this instance, the confidence interval (i.e., one-sample) method was evaluated. With background as the GWPS, the upper confidence limit is compared to the background upper tolerance limit with 95% confidence and 95% coverage (discussed in detail in Attachment 1). Statistical output for the arsenic upper tolerance limit is included in Attachment 4.

5.3 Data Concentration Shifts During Corrective Action

Statistically significant decreasing linear trends continued to be identified for trichloroethene and vinyl chloride in MW-101A-12. Consistent with previous memos, 90% confidence bands (upper 95% confidence limits) placed around the linear trend line were used since significantly decreasing linear trends were identified for these well/analyte pairs. Statistical outputs for the 90% confidence bands placed around the linear trend line are included in Attachment 4.

The upper 95% confidence limits were above the GWPS for trichloroethene and vinyl chloride in MW-101A-12.

5.4 First Order Regression Calculations

As initiated with the Fall 2019 statistical evaluation (Foth, 2020), remedy completion timeframes were estimated for the individual analyte/well pairs in corrective action (i.e., those listed in Table 2 of this memo) for inclusion in Table 11 of the 2025 AWQR.

For corrective action constituents that have achieved compliance with the GWPS, first order regression calculations are not utilized. The projected year to completion is 3 years after compliance with the GWPS was first statistically achieved. For the Fall 2025 statistical evaluation, none of the corrective action constituents have achieved compliance with the GWPS.

For the remaining corrective constituents (i.e., those that have not achieved compliance with the GWPS), the projected year to completion was based on the first order regression calculations for each individual analyte/well pair. The projected years to completion are 3 years after the first order regression calculations projected initial compliance with the GWPS. For the corrective

action constituents with decreasing trends (i.e., trichloroethene and vinyl chloride in MW-101A-12), the first order regression calculations and projected year to completion are included on the regression statistics output in Attachment 4. The first order regression calculations for the remaining corrective action constituents (i.e., arsenic in MW-2A-89 and MW-107A) are included in the "Sample Values and Corresponding 1st-Order Regression Calculations for Date to Completion" table in Attachment 4.

5.5 SSL Summary

A summary of the SSLs evaluated using confidence intervals in assessment mode, confidence intervals in corrective action mode, and confidence bands placed around the linear trend line is provided in Table 7.

Table 7
SSL Summary

Chemical Name	Wells with SSL [1]	Wells without SSL	Groundwater Protection Standard [2]
Assessment Monitoring Locations			
1,1-Dichloroethane (ug/L)		MW-9-92	140
Arsenic (mg/L)		MW-9-92, MW-102A-12, MW-104A-12	0.0461 [3]
Barium (mg/L)		MW-4B-89, MW-5-89, MW-9-92, MW-102A-12, MW-103A-12	2
Benzene (ug/L)		MW-4B-89, MW-9-92	5
Chlorobenzene (ug/L)		MW-4B-89	100
Corrective Action Monitoring Locations - Assessment Constituents			
1,1-Dichloroethane (ug/L)		MW-101A-12	140
1,2-Dichloropropane (ug/L)		MW-101A-12	5
Barium (mg/L)		MW-2A-89, MW-101A-12	2
Benzene (ug/L)		MW-101A-12	5
Chlorobenzene (ug/L)		MW-101A-12	100
cis-1,2-Dichloroethene (ug/L)		MW-101A-12	70
Tetrachloroethene (ug/L)		MW-101A-12	5
Corrective Action Monitoring Locations - Corrective Action Constituents			
Arsenic (mg/L)	MW-2A-89		0.0461 [3]
Trichloroethene (ug/L)	MW-101A-12		5
Vinyl Chloride (ug/L)	MW-101A-12		2
Delineation Monitoring Locations - Corrective Action Constituents			
Arsenic (mg/L)	MW-107A		0.0461 [3]

[1] Under corrective action null hypothesis, an SSL remains when the upper confidence limit exceeds the GWPS.
[2] Values are the 40 CFR Part 141 Safe Drinking Water Act MCL or 567 IAC Chapter 137 Statewide Standard for a Protected Groundwater Source.
[3] GWPS for arsenic is background. The hypothesis was evaluated through the one-sample confidence limit method where the fixed GWPS was based on the background upper tolerance limit with 95% confidence and 95% coverage (GWPS = 0.0461 mg/L).

5.6 Summary of Comparison to Groundwater Protection Standard

5.6.1 Assessment Monitoring Locations

No SSLs were identified at the assessment monitoring locations.

5.6.2 Corrective Action Monitoring Locations

No SSLs were identified for the assessment constituents in the corrective action monitoring locations. For the corrective action constituents listed in Table 2, SSLs continue to be identified for arsenic in MW-2A-89 and trichloroethene and vinyl chloride in MW-101A-12. Statistically significant decreasing linear trends continue to be identified for trichloroethene and vinyl chloride in MW-101A-12.

5.6.3 Delineation Monitoring Locations

For corrective action constituent arsenic in MW-107A, an SSL continues to be identified.

6. Effective Power and Site-Wide False Positive Rate

Statistical power calculations, effective power curves for the 1-of-2 prediction limit plan, and the current site-wide false positive rate (SWFPR) are discussed in detail in Attachment 5. The interwell non-parametric prediction limits for the Spring and Fall 2025 statistical evaluations have good power ratings. The current cumulative annual SWFPR is approximately 6%, which is within the Unified Guidance target 10% false positive rate.

Statistical power calculations for confidence intervals in assessment mode are included in the confidence interval output of Attachment 4. Details regarding the purpose and procedures for these calculations are provided in Attachment 1. Confidence limits are calculated to meet statistical power levels of 50% for increases in the true concentration mean of 1.5 times a fixed standard, and 80% for increases in the true concentration mean of 2.0 times a fixed standard, as discussed in Unified Guidance Chapter 22 (USEPA, 2009).

7. Conclusions

The methodology described in Attachment 1 was utilized to conduct the statistical evaluations for locations in the detection, assessment, corrective action, and delineation monitoring programs. A summary of the Fall 2025 statistical results is presented in Table 8 and detailed in the following subsections.

Table 8
Summary of the Fall 2025 Evaluation

Monitoring Location	Monitoring Program	Current Schedule (Oct. 2025) [1,2]	Current SSIs	Corrective Action Constituents [3]		Retesting Parameter [4]	Monitoring Program Changes
				Current SSLs	Achieved Compliance with GWPS		
Downgradient Monitoring Locations							
GUA-1	Detection	N/A [5]					
GUA-1-2	Detection	Appendix I					
MW-1-89	Assessment	Appendix II					
MW-2A-89	Corrective Action	Appendix II	Barium	Arsenic			
MW-3-89	Detection	Appendix I					
MW-4A-89	Detection	Appendix I					
MW-4B-89	Assessment	Appendix II	Barium; Benzene; Chlorobenzene				
MW-5-89	Assessment	Appendix II	Barium				
MW-6-89	Detection	Appendix I					
MW-8A-89	Detection	Appendix I					
MW-9-92	Assessment	Appendix II	1,1-Dichloroethane; Arsenic; Barium; Benzene				
MW-11	Delineation	App. I VOCs, Arsenic, Barium					
MW-101A-12	Corrective Action	Appendix II	1,1-Dichloroethane; 1,2-Dichloropropane; Barium; Benzene; Chlorobenzene; cis-1,2-Dichloroethene; Tetrachloroethene	Trichloroethene; Vinyl Chloride			
MW-101B	Delineation	App. I VOCs					
MW-102A-12	Assessment	Appendix II	Arsenic; Barium				
MW-103A-12	Assessment	Appendix II	Barium				
MW-104A-12	Assessment	Appendix II	Arsenic				
MW-105A-12	Detection	Appendix I					
MW-107A	Delineation	App. I VOCs, Arsenic, Barium		Arsenic			
MW-108A	Delineation	App. I VOCs, Arsenic, Barium					

Table 8 (Continued)
Summary of the Fall 2025 Evaluation

Monitoring Location	Monitoring Program	Current Schedule (Oct. 2025) [1,2]	Current SSIs	Corrective Action Constituents [3]		Retesting Parameter [4]	Monitoring Program Changes
				Current SSLs	Achieved Compliance with GWPS		
Background Monitoring Locations							
MW-15-10R	Background	Appendix II					
MW-16-03	Background	Appendix II					
MW-20-03	Background	Appendix II					
MW-22A-03	Background	Appendix II					
MW-23-03	Background	Appendix II					
MW-106A-12	Background	Appendix II					

N/A = not applicable
VOCs = volatile organic compounds
[1] In Oct. 2025, semiannual monitoring was conducted at GUA-1-2, MW-2A-89, MW-8A-89, MW-9-92, MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, MW-101A-12, MW-105A-12, and MW-106A-12. In accordance with Special Provision X.5.o, annual monitoring was conducted at MW-1-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-11, MW-101B, MW-102A-12, MW-103A-12, MW-104A-12, MW-107A, and MW-108A.
[2] The Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Oct. 2025. Resampling for the full set of Appendix II constituents is conducted every 5 years.
[3] Analyte/well pairs with SSLs over the GWPS identified during previous statistical evaluations and have not achieved compliance with the GWPS for 3 consecutive years in accordance with 567 IAC 113.10(9)e(2).
[4] Retest samples will be collected prior to the next semiannual sampling event and will be utilized to determine if any monitoring program changes will be initiated.
[5] In accordance with Special Provision X.5.a.ii, the next annual compliance monitoring event at GUA-1 is scheduled for Fall 2026.

7.1 Detection Monitoring

Semiannual detection monitoring for the Appendix I list was conducted at GUA-1-2, MW-3-89, MW-4A-89, MW-6-89, MW-8A-89, and MW-105A-12 in October 2025.

No SSIs were identified at GUA-1-2, MW-3-89, MW-4A-89, MW-6-89, MW-8A-89, and MW-105A-12. In addition, the barium concentration of 0.662 mg/L at GUA-1-2 was below the 1 mg/L limit established in the alternate source demonstration approval (IDNR, 2024).

Semiannual detection monitoring for the Appendix I list will be conducted at GUA-1-2, MW-8A-89, and MW-105A-12 in Spring 2026. In accordance with Special Provision X.5.o, annual detection monitoring for the Appendix I list will be conducted at MW-3-89, MW-4A-89, and MW-6-89 in Fall 2026. In accordance with Special Provision X.5.a.ii, annual monitoring for the Appendix I constituents will be conducted at GUA-1 in Fall 2026 to verify concentrations at the discharge pipe and to evaluate changes in the underdrain discharge conditions prior to passive treatment.

7.2 Assessment Monitoring

Semiannual assessment monitoring for the Appendix I and detected Appendix II constituents was conducted at MW-1-89, MW-4B-89, MW-5-89, MW-9-92, MW-102A-2, MW-103A-12, and MW-104A-12 in October 2025.

No SSIs were identified at MW-1-89. The SSIs identified at the remaining assessment monitoring locations are summarized in Table 8. Note that arsenic was evaluated against background concentrations by one-sample confidence interval method since background arsenic concentrations exceed the 40 CFR Part 141 Safe Drinking Water Act MCL. The arsenic GWPS was taken as the background upper tolerance limit with 95% confidence and 95% coverage. No SSLs were identified in the assessment monitoring locations.

The Fall 2025 statistical evaluation did not identify all Appendix II constituents below the interwell prediction limit or laboratory reporting limit for three consecutive sampling events at MW-1-89, MW-4B-89, MW-5-89, MW-9-92, MW-102A-2, MW-103A-12, and MW-104A-12. Therefore, these locations will not exit assessment monitoring at this time.

Semiannual assessment monitoring for the Appendix I and detected Appendix II constituents will be conducted at MW-9-92 in Spring 2026. In accordance with Special Provision X.5.o, annual assessment monitoring for the Appendix I and detected Appendix II constituents will be conducted at MW-1-89, MW-4B-89, MW-5-89, MW-102A-12, MW-103A-12, and MW-104A-12 in Fall 2026. In accordance with Special Provision X.5.f, the next five-year full Appendix II resampling events are scheduled for MW-9-92 in Spring 2027; MW-102A-12 and MW-104A-12 in Fall 2028; and MW-1-89, MW-4B-89, MW-5-89, and MW-103A-12 in Fall 2029.

7.3 Corrective Action Monitoring

Semiannual corrective action monitoring for the Appendix I and detected Appendix II constituents was conducted at MW-2A-89 and MW-101A-12 in October 2025.

The SSIs identified for the assessment constituents at MW-2A-89 and MW-101A-12 are summarized in Table 8. No SSLs were identified for the assessment constituents in the corrective action monitoring locations.

Confidence intervals in corrective action mode or 90% confidence bands around linear trend lines were utilized to evaluate the corrective action constituents listed in Table 2. Arsenic in MW-2A-89 was evaluated against background concentrations by one-sample confidence interval method since background arsenic concentrations exceed the 40 CFR Part 141 Safe Drinking Water Act MCL. The arsenic GWPS was taken as the background upper tolerance limit with 95% confidence and 95% coverage. As shown in Table 8, SSLs over the GWPS remain for arsenic in MW-2A-89 and trichloroethene and vinyl chloride in MW-101A-12. Note that statistically significant decreasing linear trends were identified for trichloroethene and vinyl chloride in MW-101A-12.

In accordance with 567 IAC 113.10(9)a(1) and the updated remedy implementation schedule (Foth, 2022), semiannual corrective action will be continued at MW-2A-89 and MW-101A-12 in Spring 2026. In accordance with Special Provision X.5.f, the five-year resampling for the full Appendix II list will be conducted at MW-2A-89 and MW-101A-12 in Spring 2029.

7.4 Delineation Monitoring

In accordance with Special Provision X.5.o and the updated remedy implementation schedule (Foth, 2022), annual delineation monitoring was conducted for the Appendix I VOCs at vertical delineation well MW-101B and for the Appendix I VOCs, arsenic, and barium at horizontal delineation wells MW-11, MW-107A, and MW-108A in October 2025.

No SSIs were identified at MW-11, MW-101B, MW-107A, and MW-108A. Arsenic in MW-107A continued to be evaluated as a corrective action constituent. As shown in Table 8, an SSL over the GWPS remains for arsenic in MW-107A.

In accordance with Special Provision X.5.o and the updated remedy implementation schedule (Foth, 2022), annual delineation monitoring will be conducted in Fall 2026 for Appendix I VOCs at MW-101B and for the Appendix I VOCs, arsenic, and barium at MW-11, MW-107A, and MW-108A.

7.5 Background Monitoring

Semiannual background monitoring for the Appendix I and detected Appendix II constituents was conducted at MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 in October 2025. This combined background data set was utilized to evaluate SSIs over background for the shallow aquifer. The background data set adjustments discussed in Section 3.1 were utilized.

Semiannual background monitoring for the Appendix I and detected Appendix II constituents will be continued at MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 in Fall 2026. In accordance with Special Provision X.5.f, the next five-year resampling for the full Appendix II list is scheduled for Spring 2029 at the background monitoring wells.

Attachment 1
Detailed Discussion of Statistical Methods

Foth

Memorandum

Statistical Methodology

1. Comparison to Background

For determining which parameters will need a formal statistical treatment, the Unified Guidance (USEPA, 2009) suggests splitting monitoring parameters into three distinct groups: a) reliable indicators selected for formal testing; b) other analytes which are monitored for general groundwater quality information but not statistically tested; and c) those meeting the "never-detected" criteria. Only those parameters with some historically detected presence in background need to be included in the first group and treated with a formal statistical test. Any parameter that has never been detected in background is eligible for the third group of "never-detected" constituents. Constituents with detection below the reporting limit (J-flagged data) will be considered "never-detected." As a means of evaluating the third group, the Unified Guidance suggests the Double Quantification Rule (DQR). The DQR is stated in the Unified Guidance as:

"A confirmed exceedance is registered if any well-constituent pair in the '100% non-detect' group exhibits quantified measurements (i.e., at or above the reporting limit[RL]) in two consecutive sample and resample events."

The Unified Guidance also recommends establishing background sample sizes as large as feasible. The guidance recognizes that small sample sizes in background can be "particularly" troublesome, especially in controlling statistical test false positive and negative rates. With parametric tests (such as parametric prediction limits), the false positive rate may be controlled, but at the expense of statistical power. With non-parametric tests (such as non-parametric prediction limits or the "quasi-statistical" DQR), the false positive rate may be unacceptably high. The Unified Guidance suggests that generally at least 8 to 10 separate background measurements be available, recognizing that statistical power continues to increase with larger sample sizes.

Double Quantification Rule

The DQR will be used to evaluate SSIs over background for the Appendix I and II constituents that have not been detected above the reporting limit in the background data set. An SSI will be indicated for any well-constituent pair with quantified measurements at or above the reporting limit noted for two consecutive sample and resample events. If applicable, the resample will be collected prior to next semiannual sampling event.

Interwell Prediction Limits

Interwell prediction limits will be used to statistically evaluate SSIs over background for the Appendix I and II constituents which have been detected above the reporting limit in the background data set. A "1-of-2" retesting plan will be utilized on individual sample results. The 1-of-2 retesting plan as defined in the Unified Guidance concludes that an SSI has occurred when two out of two sample results exceed the prediction limit, while no SSI is concluded if 1-of-2 is below the limit. If applicable, resamples will be collected prior to next semiannual sampling event. The prediction limit for each constituent will be recalculated semiannually.

For interwell constituents with less than or equal to 50% detects in the background data set, a non-parametric prediction limit will be utilized. Prior to the Fall 2022 statistical evaluation, the non-parametric prediction limit was taken as the maximum order statistic (maximum value) of

the background data. With the Fall 2022 statistical evaluation, the analyte sample sizes of the cumulative background dataset were now sufficiently large to warrant using the second highest maximum order statistic for the interwell non-parametric prediction limit as opposed to the maximum value. Based on power curve comparisons to USEPA reference power curves, as well as statistical power estimates given in Unified Guidance Table 19-19, the non-parametric prediction limits were approaching the point of no longer achieving good statistical power when using the maximum value with the current background sample sizes. Utilizing the second highest value as the non-parametric prediction limit attains good levels of statistical power. Therefore, the second highest maximum order statistic (second highest maximum value) of the background data was utilized starting with the Fall 2022 statistical evaluation.

For interwell constituents with greater than 50% detects in the background data set, normality assumptions will be verified using the Shapiro-Wilk normality test. If the background data is not normally distributed, a non-parametric prediction limit will be utilized (as described in the paragraph above). If the background data is normally distributed or can be fit to a normal distribution utilizing a normalizing transformation, then a normal-based parametric prediction limit will be applied.

When considering a lognormal prediction limit, a comparison will be made to the maximum order statistic for the background data set. Lognormal prediction limits can be sensitive to smaller departures from lognormality. That is, if data are not truly lognormal, but also not rejected as lognormal, the prediction limit may be inflated because of the transformation. In choosing a lognormal limit, in addition to the percent detections and lognormal goodness of fit criteria, an additional convention will be applied. If the lognormal limit exceeds the level of twice the maximum background concentration, it is assumed that the lognormal model does not adequately fit the background distribution and a non-parametric prediction limit will be selected.

For interwell constituents with 50% to 85% detects in the background data set, Kaplan-Meier estimation will be applied to manage statistical bias introduced by non-detects. For interwell constituents with over 85% detects in the background data set, half the reporting limit will be used for non-detect data. These estimation methods follow Unified Guidance recommendations and are given in detail in Unified Guidance Chapter 15 (USEPA, 2009).

The parametric prediction limit will be calculated as:

$$PL = \bar{x} + k \cdot s$$

where $\bar{x}$ is the sample mean of the June 2010 through current event background data, *s* is the sample standard deviation, and *k* is the multiplier obtained from the Unified Guidance Table 19-1 (USEPA, 2009) for 1-of-2 interwell prediction limits on observations. In determining *k*, the number of constituents of concern (COCs) for formal statistical evaluation along with the number of downgradient wells need to be identified. Per the basic subdivision discussion presented in Section 19.2.1 of the Unified Guidance, along with the discussion regarding the use of the appendix tables for parametric retesting plans given in pages 19-13 through 19-15 of the Unified Guidance (USEPA, 2009), the *k*-multiplier is chosen based on the number of constituents, wells and evaluations performed annually. When an exact well and COC configuration is not given in the appendix tables, the *k*-multiplier is linearly interpolated as described in page 19-14 of the Unified Guidance (USEPA, 2009).

Sanitas v10.1 software (Sanitas Technologies) is used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects in the upgradient well, and calculate the *k*-multipliers and subsequent prediction limits.

Intrawell Prediction Limits

Intrawell prediction limits are calculated in a similar manner to that described above for the interwell case. A main difference between the two methods is the intrawell limit is calculated from a collection of background measurements within the compliance well. A minimum of eight compliance well background samples will be used when calculating the limit.

A second difference is for the parametric prediction limit, in which the *k*-multiplier is modified from the interwell case, as given in Appendix D Tables 19-10 through 19-18 of the Unified Guidance (USEPA, 2009).

Updating intrawell background is performed periodically. The Unified Guidance (Section 5.3.2) recommends that 4 to 8 new compliance observations be collected prior to updating the background dataset. The guidance also states that "a potential update is predicated on there being no statistically significant increase [SSI] recorded for that well constituent, including since the last update." A two-sample t-test or Wilcoxon rank-sum test between existing intrawell background data and the potential set of newer background data is performed, and a non-significant result (α = 0.05) implies that the newer compliance data can be re-classified as background measurements.

For Wilcoxon rank-sum tests, non-detect results cannot be ranked with certainty and the problem is compounded with multiple PQLs and/or J-flagged values (USEPA, 2009). In comparisons where a substantial fraction of non-detect and/or J-flagged measurements or changing PQLs occur, professional judgment will be utilized for evaluating significant differences between the existing intrawell background data and the potential newer set of background data. Consideration will be given to whether significant differences are due to artificial variation introduced by censored data.

2. Comparison to Groundwater Protection Standard – Assessment Monitoring

According to 567 IAC 113.10(6)f and g, under the assessment monitoring program Appendix II results which have been determined to be statistically above background are also statistically compared to the GWPS. If "Appendix II constituents are detected at statistically significant levels above the GWPS" a notice is placed in the operating record and characterization is begun.

Under 567 IAC 113.10(6)h, the GWPS is the maximum contaminant level (MCL) promulgated under Section 1412 of the Safe Drinking Water Act in 40 Code of Federal Regulations (CFR) Part 141. If no MCL exists, or if background concentrations are higher than the MCL, the GWPS is defined as background. Also, per 567 IAC 113.10(6)i, an alternative GWPS may be established by the Department for constituents for which there is no MCL such as the "health-based concentrations that comply with the statewide standards for groundwater established pursuant to 567-Chapter 137."

When the GWPS is background concentrations, the statistical methods discussed in the above "1. Comparison to Background" are used. When the GWPS is the MCL or an alternative health-based concentration, per the Unified Guidance (USEPA, 2009), "confidence intervals are the recommended general statistical strategy in compliance/assessment or corrective action monitoring." In the case of normally distributed data, a normal-based parametric confidence

interval is used. If the data are not normally distributed a non-parametric confidence interval on the median is used. A lower 99% confidence limit falling above the GWPS implies that concentrations are detected at statistically significant levels above the GWPS with an α-level of 0.01, which is the minimum RCRA regulatory limit from §264.97(i)(2) for an individual test false positive error rate.

The Unified Guidance recognizes that statistical power is also of prime concern to USEPA and that there "should be a high probability that the statistical test will positively identify concentrations that have exceeded a fixed regulatory standard." In compliance/assessment monitoring, instead of pre-specifying the false positive rate prior to computing confidence interval limits, the Unified Guidance suggests the desired level of power (1-β) should be set as an initial target.

For compliance/assessment monitoring purposes, the Unified Guidance (Chapter 22) suggests evaluating increases in the true concentration mean of 1.5 and 2.0 times a fixed standard. (This is similar in concept to the critical power targets in detection monitoring, i.e., 55-60% power at 3σ above background and 80-85% power at 4σ over background). As a general guide, the Unified Guidance suggests there should be at least 70-80% statistical power for detecting increases of 2 times a fixed standard. Specifically, the Unified Guidance recommends there be 50% power of detecting increases in the true concentration mean of 1.5 times a fixed standard (risk ratio of 1.5) and 80% power of detecting increases in the true concentration mean of 2.0 times a fixed standard (risk ratio of 2.0).

To meet these levels of statistical power, α is chosen based on either Unified Guidance Equation 22.1:

$$1 - \beta = G_{T,n-1}\left(t_{1-\alpha,n-1}\middle|\Delta - \sqrt{n}(R-1)\right);$$

where R is the desired risk ratio, $t_{(1-\alpha,n-1)}$ is the (1−α) Student's t-quantile with (n−1) degrees of freedom and G represents the cumulative non-central t-distribution with (n−1) degrees of freedom and noncentrality parameter Δ;

or Unified Guidance Equation 22.2:

$$\alpha \sim 1 - F_{T,n-1}\left(\frac{(R-1)\sqrt{n}}{R\cdot\widehat{CV}} - t_{1-\beta,n-1}\right);$$

where R is the desired risk ratio, n is the sample size, CV is the estimated sample coefficient of variation, $t_{(1-\beta,n-1)}$ is the (1−β) Student's t-quantile with (n−1) degrees of freedom, and F is the cumulative (central) Student's t-distribution function.

The first equation (Unified Guidance Equation 22.1) assumes a coefficient of variation (CV) =1. This version is used if only poorer estimates of the true CV are available. In practice, a convention has been adopted with the statistical updates to utilize Unified Guidance Equation 22.2 in all cases where a parametric confidence interval is calculated and use Unified Guidance Equation 22.1 when non-parametric confidence intervals are calculated. Since a non-parametric confidence interval is based on the median, it is not as sensitive to departures from normality, and the assumption of a CV=1 in Unified Guidance Equation 22.1 should provide a conservative estimate.

Since 0.01 is the minimum RCRA regulatory limit for α, it is never set lower than this. Conversely, the Unified Guidance recognizes the "difficulty of simultaneously attaining the recommended level of power while controlling the false positive rate, especially for small sample sizes and highly variable data." The Unified Guidance suggests a maximum false positive rate of α=0.2 is a reasonable upper bound.

Finally, like the need for defining a SWFPR under detection monitoring, the Unified Guidance (Chapter 7) recognizes there may be concern about the "use of relatively high individual test-wise false positive rates (α) in order to meet a pre-specified power, especially when considering the cumulative false positive error rate across multiple wells and/or constituents." However, "the Unified Guidance considers computation of cumulative SWFPRs in compliance/assessment testing to be problematic, and reliance on individual test false positive rates preferable." Notwithstanding, if several confidence limit calculations are compared to the GWPS with high α-levels, caution should be taken in the interpretation.

For calculation of confidence intervals, Sanitas® v10.1 software is again used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects, and calculate either parametric or nonparametric confidence limits.

3. Comparison to Groundwater Protection Standard – Corrective Action Monitoring

As stated above, if "Appendix II constituents are detected at statistically significant levels above the GWPS" a notice is placed in the operating record and characterization is begun. Owners or operators are required to initiate an assessment of corrective measures, select a remedy, and implement a remedy in accordance with 567 IAC 113.10(7), (8), and (9). For remedy completion in accordance with 567 IAC 113.10(9)e(2), compliance with the GWPS is considered achieved by demonstrating that concentrations of Appendix II constituents have not exceeded the GWPS for a period of three consecutive years or an alternate length of time established by the Department.

Starting with the Fall 2019 statistical evaluation, individual analyte/well pairs may return to assessment constituents (at the corrective action monitoring location) once compliance with the GWPS has been achieved for a period of 3 years. Note that monitoring wells will not move out of the corrective action monitoring program until all Appendix II constituents have achieved compliance with the GWPS for a period of three consecutive years.

Confidence Intervals in Corrective Action Mode

In the case of the GWPS being a fixed standard as either the 40 CFR Part 141 Safe Drinking Water Act MCL or the 567 IAC Chapter 137 Statewide Standard for a Protected Groundwater Source, "confidence intervals are the recommended general statistical strategy in compliance/assessment or corrective action monitoring" (USEPA, 2009). However, a primary difference between confidence intervals as used under assessment monitoring and confidence intervals used under corrective action is reversal of the null hypothesis. As detailed in Section 7.2 of the Unified Guidance (USEPA, 2009), the hypothesis testing structure under assessment monitoring is to presume compliance point concentrations do not to exceed the fixed standard unless sampling data indicates otherwise. As a formal statistical hypothesis, this is written as:

$$H_0: \Theta \leq G \quad \text{vs.} \quad H_A: \Theta > G$$

In corrective action mode, the hypothesis is reversed. Namely, compliance point concentrations are presumed to exceed the fixed standard and evidence must be presented to demonstrate regulatory compliance. In the case of corrective action, the statistical hypothesis is written as:

$$H_0: \Theta > G \quad \text{vs.} \quad H_A: \Theta \leq G$$

For testing under assessment monitoring, a lower confidence limit (LCL) is compared to the compliance standard *G*. If the LCL is larger than the standard *G*, it is concluded that the compliance standard has been violated.

However, under corrective action monitoring, the upper confidence limit (UCL) is compared to the compliance standard *G*. In this case, the UCL should lie below the standard to accept the alternative hypothesis that concentration levels are in compliance.

The UCL α-level under corrective action monitoring is set so that a high degree of confidence is achieved in declaring successful remediation. Per the Unified Guidance (Section 7.4.2) "EPA's overriding concern in corrective action is that remediation efforts are not declared successful without sufficient statistical proof." The Unified Guidance "recommends the use of a reasonably low, fixed test-wide false positive rate (e.g., α = 0.05 or 0.10)." In this case, α = 0.10 corresponds to a 90% UCL.

<u>GWPS as Background</u>

Pursuant to 567 IAC 113.10(6)h, when background concentrations of an analyte exceed the applicable MCL or IAC Statewide Standard for a Protected Groundwater Source, the GWPS is the background concentration. In this case, the GWPS is not a fixed standard but based on a distribution of background sample results.

Section 7.5 of the Unified Guidance (USEPA, 2009) details statistical hypothesis testing under corrective action when the GWPS is background. The Unified Guidance offers two alternative statistical approaches to hypothesis testing in this case. These alternatives are as follows:

A. The first represents a *two-sample* test of two distinct populations, namely the compliance well to background populations. Similar to the statistical tests used under detection and assessment monitoring, with this alternative under corrective action, the Unified Guidance states that "one highly recommended statistical test approach is a prediction limit." The Unified Guidance also states, "whatever the critical value for a selected background test, it becomes the GWPS under compliance/assessment or corrective action monitoring." Further, "the only allowable hypothesis test structure for the two-sample approach follows that of detection and compliance monitoring. Once exceeded and in corrective action, a return to compliance is through evidence that future samples lie below the GWPS using the same hypothesis structure." Therefore, with this approach in corrective action, prediction limits are calculated similarly as in assessment monitoring. Compliance well concentrations below a prediction limit indicate a return to concentrations below the background GWPS.
B. The second involves computation of a fixed statistic from the background data as the GWPS. The Unified Guidance recommendation in this case is to define a fixed GWPS based on a background upper tolerance limit with 95% confidence and 95% coverage. This is designed to be a "reasonable maximum on the likely range of background concentrations." This upper tolerance limit based on background data is then used as a fixed standard in statistical comparisons with 90% or 95% UCLs from compliance wells as discussed previously. Also, with the UCL method, the null hypothesis is reversed from

that of assessment monitoring, assuming contamination is above the GWPS. A UCL falling below the background GWPS offers evidence of a return to concentrations below the GWPS. The Unified Guidance refers to this approach as a *single-sample* testing method, since the compliance well population is tested against a defined fixed standard.

The Unified Guidance discusses tradeoffs between the two approaches and does not necessarily prescribe either approach over the other. The Unified Guidance suggests that both approaches may be used, where "the background GWPS would be a range based on the two testing methods rather than a single value."

Normality

For calculation of confidence intervals, Sanitas® v10.1 software is again used to check distributional assumptions, perform Kaplan-Meier estimation in the case of 50% to 85% detects, and calculate either parametric or nonparametric confidence limits. "Corrective Action Mode" is selected for this analysis.

Non-Corrective Action Constituents

As recommended in the Unified Guidance (USEPA, 2009), confidence intervals in corrective action mode will be utilized to evaluate only constituents and monitoring locations with previously identified SSLs over the GWPS. Other compliance constituents (i.e., those without SSLs over the GWPS during prior statistical evaluations) will continue to be evaluated using the "1. Comparison to Background" and "2. Comparison to Groundwater Protection Standard – Assessment Monitoring" methods described above.

Note: The Unified Guidance (USEPA, 2009) states: "it should be recognized that once corrective action or remediation activities are initiated, there will be a considerable time during which the GWPS may still be exceeded. As provided in the RCRA regulations, it is at the conclusion of remediation activities that formal corrective action monitoring evaluation is appropriate. However, in the intervening period of remedial activity, well constituents can still be monitored, and the relative efficacy of remediation measures tracked. The same corrective action hypothesis can be assumed for the targeted constituents; techniques such as trend testing may be appropriate interim applications." Given the statement above and the intentions of 567 IAC 113.10(6)g, as soon as an SSL is identified for an assessment monitoring constituent/location, then the next statistical evaluation will utilize corrective action monitoring (confidence intervals in corrective action mode).

Data Concentration Shifts During Corrective Action

Confidence intervals assume that the population is stable over time. As a result, confidence intervals may not accurately represent the current well concentrations if increasing or decreasing trends are observed (i.e., during a release or under active remediation). Per the Unified Guidance (USEPA, 2009), lower or upper confidence limits constructed on accumulated data may be overly wide (due to high sample variability caused by combining pre- and post-shift data) and may not be reflective of more recent upward/downward shifts in the contaminant distribution.

Alternative procedures may be applied to data sets with shifting distributions. For example, where trends tests are significant, pre-shift data may be removed from the well/parameter data set for the purposes of constructing the confidence interval. "The reduction in sample size will often be more than offset by the gain in statistical power. More recent measurements may exhibit less variation around the shifted mean value, resulting in a shorter confidence interval" (USEPA, 2009).

Another alternative is to construct confidence bands around the trend line to track progress towards exceeding or meeting a fixed standard. As suggested in the Unified Guidance (Chapter 22), if a trend is present, a 90% confidence band (upper 95% confidence limit) is placed on the linear trend line. If the upper 95% confidence limit on the trend line falls below the GWPS, the well is found to have reduced to levels statistically below the GWPS.

As the discussed in the Unified Guidance, "inferences concerning a linear regression are generally appropriate when two conditions hold: 1) the residuals from the regression are approximately normal or at least reasonably symmetric in distribution; and 2) a plot of residuals versus concentrations indicates a scatter cloud of essentially uniform vertical thickness or width." These conditions are assessed through normal probability plots of the regression residuals and plots of residuals against the predicted concentrations.

Data Adjustments Due to Exiting Corrective Action

When analyte/well pairs exit corrective action and return to assessment constituents, the hypothesis testing structure is reversed again. In corrective action mode, compliance point concentrations were presumed to exceed the GWPS, and evidence must be presented to demonstrated regulatory compliance (i.e., UCLs below the GWPS for three consecutive years). With the return to assessment constituents, analyte/well pairs have demonstrated regulatory compliance. The hypothesis testing structure reverts to the assessment monitoring structure where compliance point concentrations are presumed to not exceed the GWPS unless sampling data indicates otherwise (i.e., LCL is above the GWPS). With this reversion in hypothesis, the focus shifts to evaluating concentration changes in the analyte/well pair that would indicate an increase over the GWPS and re-trigger corrective action. For constituents with historical SSLs, earlier concentrations that had previously triggered corrective action are no longer providing useful information regarding the current assessment monitoring hypothesis. Retaining the historical data during the timeframe in which the GWPS was exceeded will result in the regression or confidence interval methods being slower to respond to new increases. As a result, the historical data prior to when statistical compliance with the GWPS was first achieved will be removed when analyte/well pairs exit corrective action and return to assessment constituents.

Attachment 2
Sanitas Report Output for Interwell Prediction Limit Calculations

Interwell Prediction Limit [1]

Constituent Name	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Detection Monitoring Locations													
Arsenic (mg/L)	GUA-1-2	0.0405	10/8/2025	0.00928	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-3-89	0.0405	10/8/2025	0.000826J	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-4A-89	0.0405	10/8/2025	0.00309	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-6-89	0.0405	10/7/2025	0.00333	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-8A-89	0.0405	10/9/2025	0.00212	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-105A-12	0.0405	10/8/2025	0.0125	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-3-89	0.606	10/8/2025	0.265	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-4A-89	0.606	10/8/2025	0.316	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-6-89	0.606	10/7/2025	0.205	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-8A-89	0.606	10/9/2025	0.0545	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-105A-12	0.606	10/8/2025	0.296	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Beryllium (mg/L)	GUA-1-2	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-3-89	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-4A-89	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-6-89	0.00191	10/7/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-8A-89	0.00191	10/9/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-105A-12	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	GUA-1-2	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-3-89	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-4A-89	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-6-89	0.00136	10/7/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-8A-89	0.00136	10/9/2025	0.000191J	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-105A-12	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GUA-1-2	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-3-89	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-4A-89	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-6-89	0.0245	10/7/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-8A-89	0.0245	10/9/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-105A-12	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	GUA-1-2	0.0182	10/8/2025	0.000632	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-3-89	0.0182	10/8/2025	0.000812	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-4A-89	0.0182	10/8/2025	0.00247	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-6-89	0.0182	10/7/2025	0.00117	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-8A-89	0.0182	10/9/2025	0.00025ND	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-105A-12	0.0182	10/8/2025	0.00503	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Copper (mg/L)	GUA-1-2	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-3-89	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-4A-89	0.0425	10/8/2025	0.00359J	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-6-89	0.0425	10/7/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-8A-89	0.0425	10/9/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-105A-12	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	GUA-1-2	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-3-89	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-4A-89	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-6-89	0.0128	10/7/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-8A-89	0.0128	10/9/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-105A-12	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2

Interwell Prediction Limit [1]

Constituent Name	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Detection Monitoring Locations Continued													
Nickel (mg/L)	GUA-1-2	0.149	10/8/2025	0.0154	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-3-89	0.149	10/8/2025	0.00928	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-4A-89	0.149	10/8/2025	0.00639	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-6-89	0.149	10/7/2025	0.0025ND	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-8A-89	0.149	10/9/2025	0.0079	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-105A-12	0.149	10/8/2025	0.00611	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GUA-1-2	0.0304	10/8/2025	0.0025ND	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-3-89	0.0304	10/8/2025	0.0021J	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-4A-89	0.0304	10/8/2025	0.00823	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-6-89	0.0304	10/7/2025	0.00615	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-8A-89	0.0304	10/9/2025	0.00532	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-105A-12	0.0304	10/8/2025	0.0025ND	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GUA-1-2	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-3-89	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-4A-89	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-6-89	0.0705	10/7/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-8A-89	0.0705	10/9/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-105A-12	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Assessment Monitoring Locations													
Arsenic (mg/L)	MW-1-89	0.0405	10/8/2025	0.00129J	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-4B-89	0.0405	10/8/2025	0.0287	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-5-89	0.0405	10/8/2025	0.0028	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-9-92	0.0405	10/8/2025	0.123	Yes	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-102A-12	0.0405	10/8/2025	0.0917	Yes	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-103A-12	0.0405	10/8/2025	0.00549	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-104A-12	0.0405	10/8/2025	0.0616	Yes	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-1-89	0.606	10/8/2025	0.0753	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-4B-89	0.606	10/8/2025	0.73	Yes	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-5-89	0.606	10/8/2025	1.04	Yes	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-9-92	0.606	10/8/2025	0.711	Yes	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-102A-12	0.606	10/8/2025	0.618	Yes	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-103A-12	0.606	10/8/2025	0.757	Yes	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-104A-12	0.606	10/8/2025	0.578	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Beryllium (mg/L)	MW-1-89	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-4B-89	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-5-89	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-9-92	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-102A-12	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-103A-12	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-104A-12	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-1-89	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-4B-89	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-5-89	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-9-92	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-102A-12	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-103A-12	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-104A-12	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2

Interwell Prediction Limit [1]

Constituent Name	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Assessment Monitoring Locations Continued													
Chromium (mg/L)	MW-1-89	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-4B-89	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-5-89	0.0245	10/8/2025	0.00609	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-9-92	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-102A-12	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-103A-12	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-104A-12	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-1-89	0.0182	10/8/2025	0.00167	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-4B-89	0.0182	10/8/2025	0.00181	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-5-89	0.0182	10/8/2025	0.0015	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-9-92	0.0182	10/8/2025	0.00535	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-102A-12	0.0182	10/8/2025	0.00595	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-103A-12	0.0182	10/8/2025	0.00362	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-104A-12	0.0182	10/8/2025	0.000308J	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Copper (mg/L)	MW-1-89	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-4B-89	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-5-89	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-9-92	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-102A-12	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-103A-12	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-104A-12	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-1-89	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-4B-89	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-5-89	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-9-92	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-102A-12	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-103A-12	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-104A-12	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-1-89	0.149	10/8/2025	0.0102	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-4B-89	0.149	10/8/2025	0.0158	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-5-89	0.149	10/8/2025	0.0237	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-9-92	0.149	10/8/2025	0.0125	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-102A-12	0.149	10/8/2025	0.00695	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-103A-12	0.149	10/8/2025	0.0337	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-104A-12	0.149	10/8/2025	0.00262J	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Sulfide (mg/L)	MW-4B-89	17.3	10/8/2025	0.5ND	No	101	n/a	n/a	92	n/a	n/a	0.000567	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-104A-12	17.3	10/8/2025	0.5ND	No	101	n/a	n/a	92	n/a	n/a	0.000567	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-1-89	0.0304	10/8/2025	0.0025ND	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-4B-89	0.0304	10/8/2025	0.00635	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-5-89	0.0304	10/8/2025	0.00602	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-9-92	0.0304	10/8/2025	0.00284J	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-102A-12	0.0304	10/8/2025	0.00253J	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-103A-12	0.0304	10/8/2025	0.00388J	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-104A-12	0.0304	10/8/2025	0.00259J	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-1-89	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-4B-89	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-5-89	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2

Interwell Prediction Limit [1]

Constituent Name	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Assessment Monitoring Locations Continued													
Zinc (mg/L)	MW-9-92	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-102A-12	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-103A-12	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-104A-12	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Corrective Action Monitoring Locations - Assessment Constituents													
Arsenic (mg/L)	MW-101A-12	0.0405	10/8/2025	0.00951	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-2A-89	0.606	10/8/2025	1.11	Yes	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-101A-12	0.606	10/8/2025	0.831	Yes	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Beryllium (mg/L)	MW-2A-89	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-101A-12	0.00191	10/8/2025	0.0005ND	No	167	n/a	n/a	92	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-2A-89	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-101A-12	0.00136	10/8/2025	0.0001ND	No	167	n/a	n/a	61	n/a	n/a	0.0002123	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-2A-89	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-101A-12	0.0245	10/8/2025	0.0025ND	No	168	n/a	n/a	85	n/a	n/a	0.0002099	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-2A-89	0.0182	10/8/2025	0.00372	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-101A-12	0.0182	10/8/2025	0.000509	No	163	n/a	n/a	21	n/a	n/a	0.0002218	NP Inter (normality) 1 of 2
Copper (mg/L)	MW-2A-89	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-101A-12	0.0425	10/8/2025	0.0025ND	No	169	n/a	n/a	70	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-2A-89	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-101A-12	0.0128	10/8/2025	0.00025ND	No	169	n/a	n/a	79	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-2A-89	0.149	10/8/2025	0.00249J	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Nickel (mg/L)	MW-101A-12	0.149	10/8/2025	0.0025ND	No	167	n/a	n/a	35	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Sulfide (mg/L)	MW-2A-89	17.3	10/8/2025	0.5ND	No	101	n/a	n/a	92	n/a	n/a	0.000567	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-2A-89	0.0304	10/8/2025	0.0025ND	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-101A-12	0.0304	10/8/2025	0.0038J	No	169	n/a	n/a	58	n/a	n/a	0.0002075	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-2A-89	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-101A-12	0.0705	10/8/2025	0.01ND	No	170	n/a	n/a	84	n/a	n/a	0.0002051	NP Inter (NDs) 1 of 2
Delineation Monitoring Locations - Assessment Constituents													
Arsenic (mg/L)	MW-11	0.0405	10/8/2025	0.00117J	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-108A	0.0405	10/8/2025	0.001ND	No	162	n/a	n/a	30	n/a	n/a	0.0002241	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-11	0.606	10/8/2025	0.184	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-107A	0.606	10/8/2025	0.563	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-108A	0.606	10/8/2025	0.246	No	167	n/a	n/a	0	n/a	n/a	0.0002123	NP Inter (normality) 1 of 2

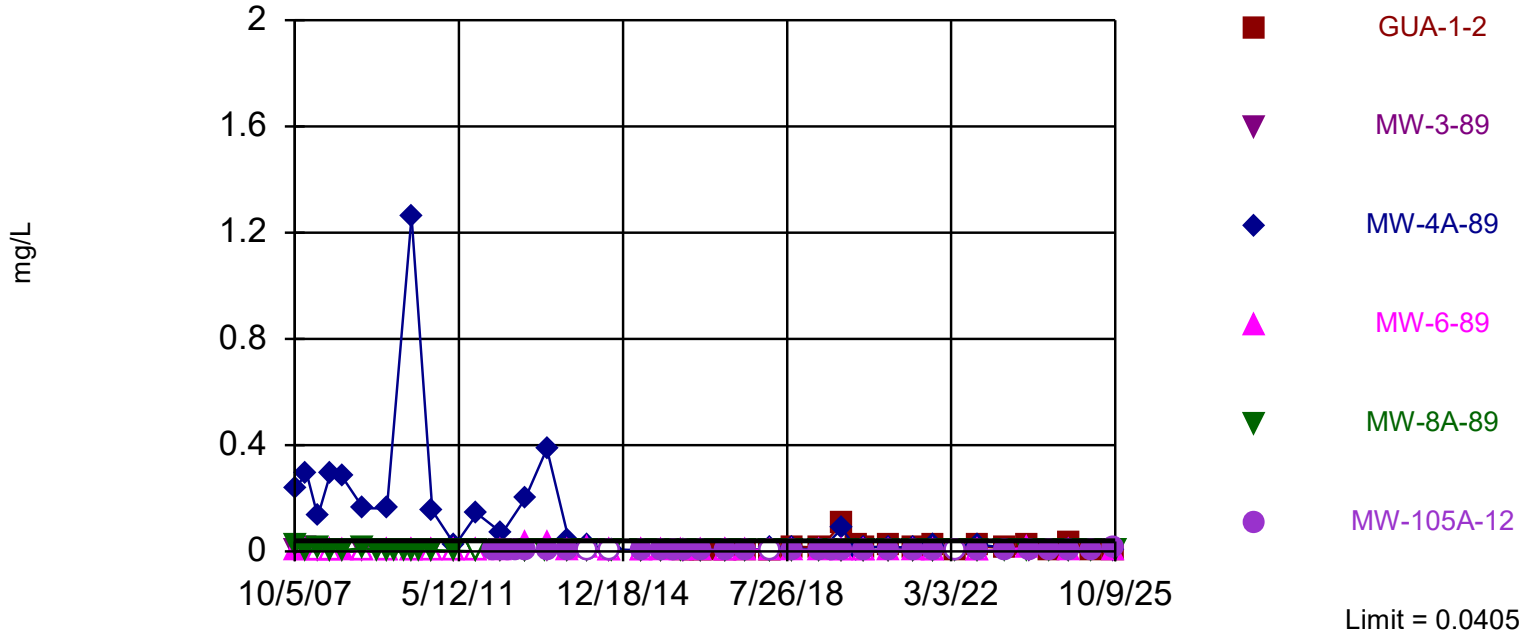
[1] Interwell prediction limit data consists of the detected Appendix I and II parameters in the combined MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 data set. Note that background data set adjustments were incorporated in accordance with Section 3.1 of the Fall 2025 Statistical Evaluation memo.

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 162 background values. 30.25% NDs. Annual per-constituent alpha = 0.004473. Individual comparison alpha = 0.0002241 (1 of 2).

Constituent: Arsenic Analysis Run 12/2/2025 9:25 AM

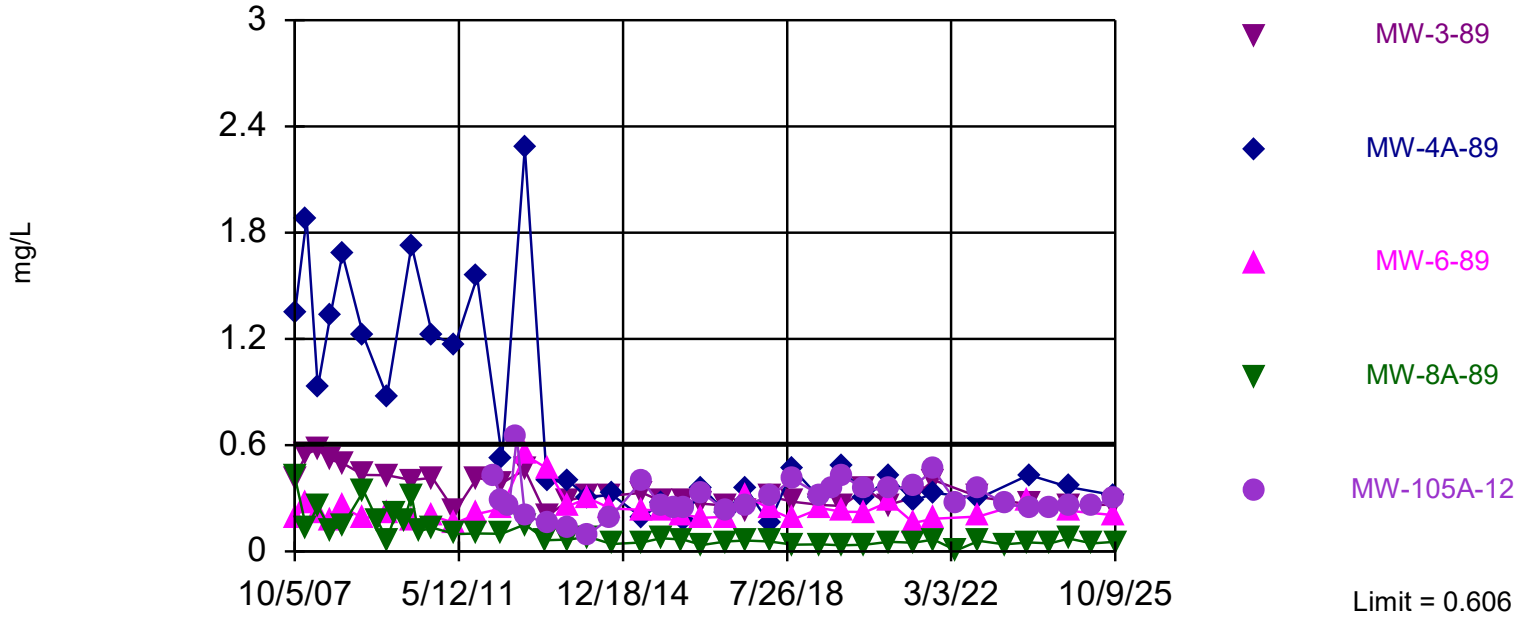
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Barium Analysis Run 12/2/2025 9:26 AM

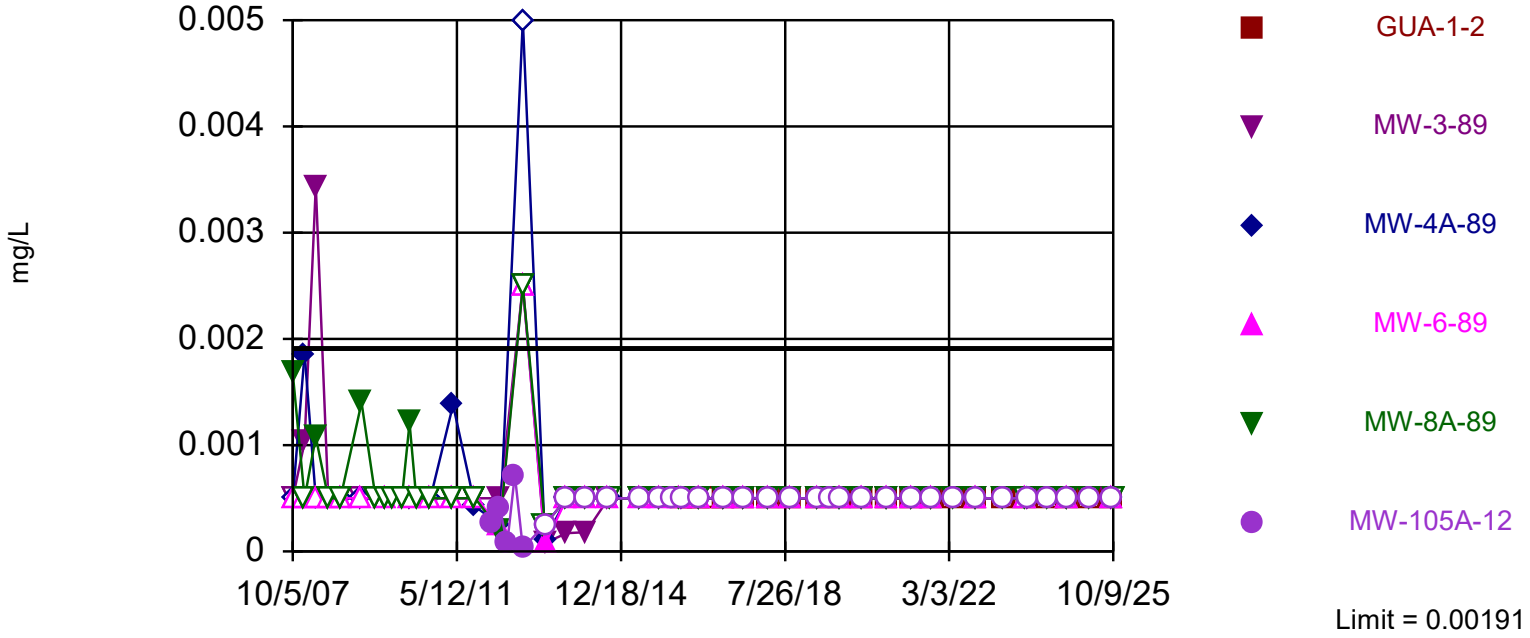
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 167 background values. 92.22% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Beryllium Analysis Run 12/2/2025 9:25 AM

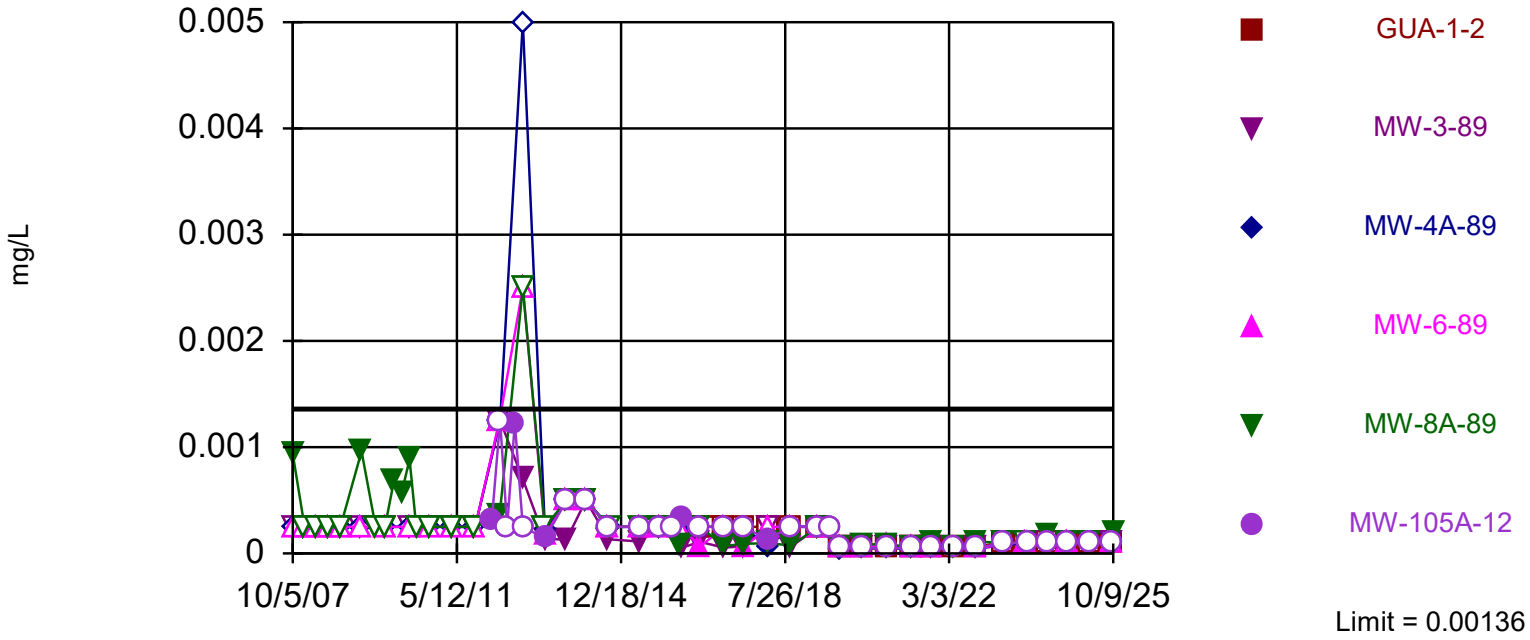
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 167 background values. 61.08% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Cadmium Analysis Run 12/2/2025 9:25 AM

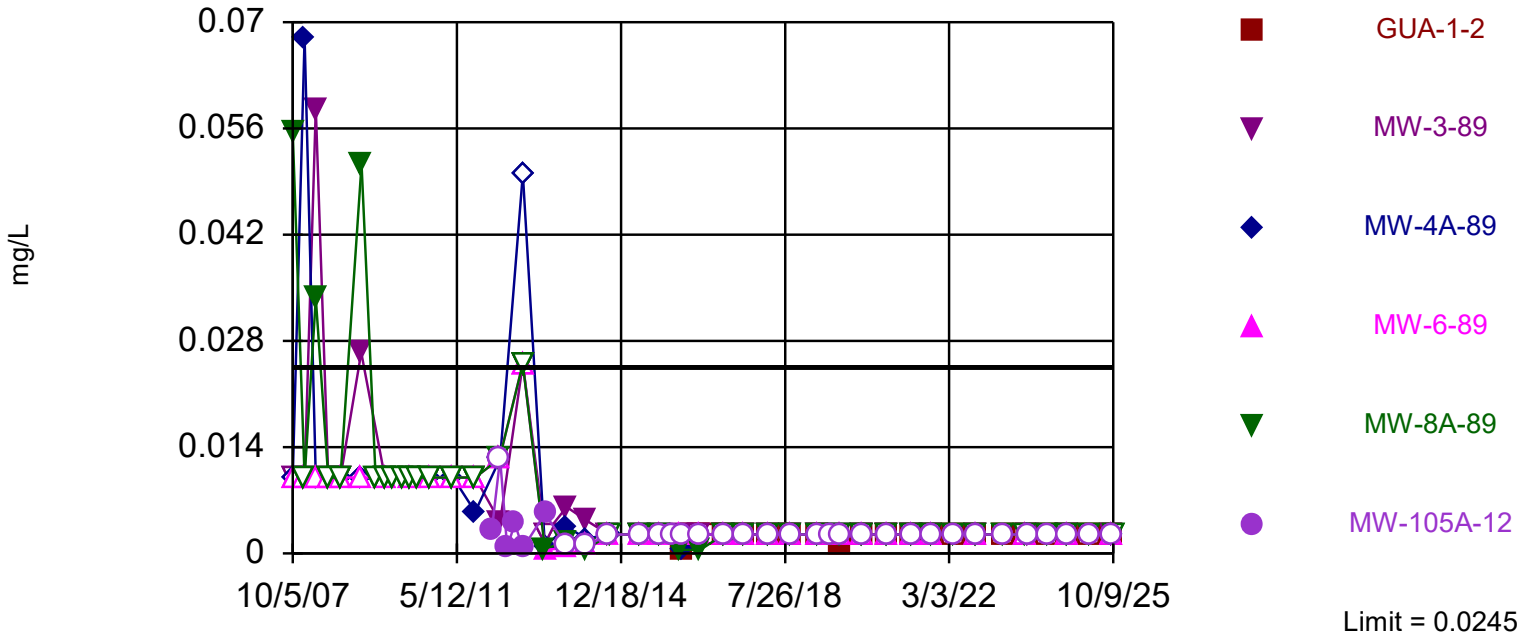
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 168 background values. 84.52% NDs. Annual per-constituent alpha = 0.00419. Individual comparison alpha = 0.0002099 (1 of 2).

Constituent: Chromium Analysis Run 12/2/2025 9:25 AM

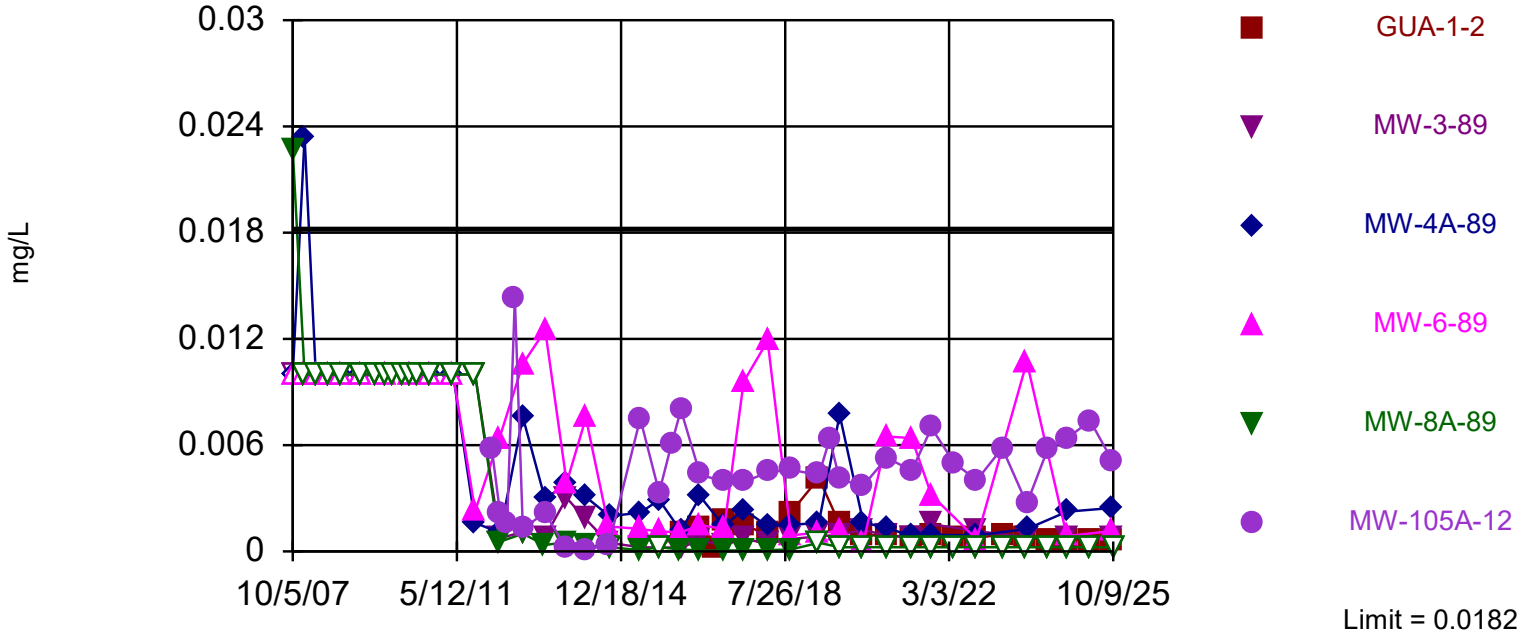
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 163 background values. 21.47% NDs. Annual per-constituent alpha = 0.004426. Individual comparison alpha = 0.0002218 (1 of 2).

Constituent: Cobalt Analysis Run 12/2/2025 9:25 AM

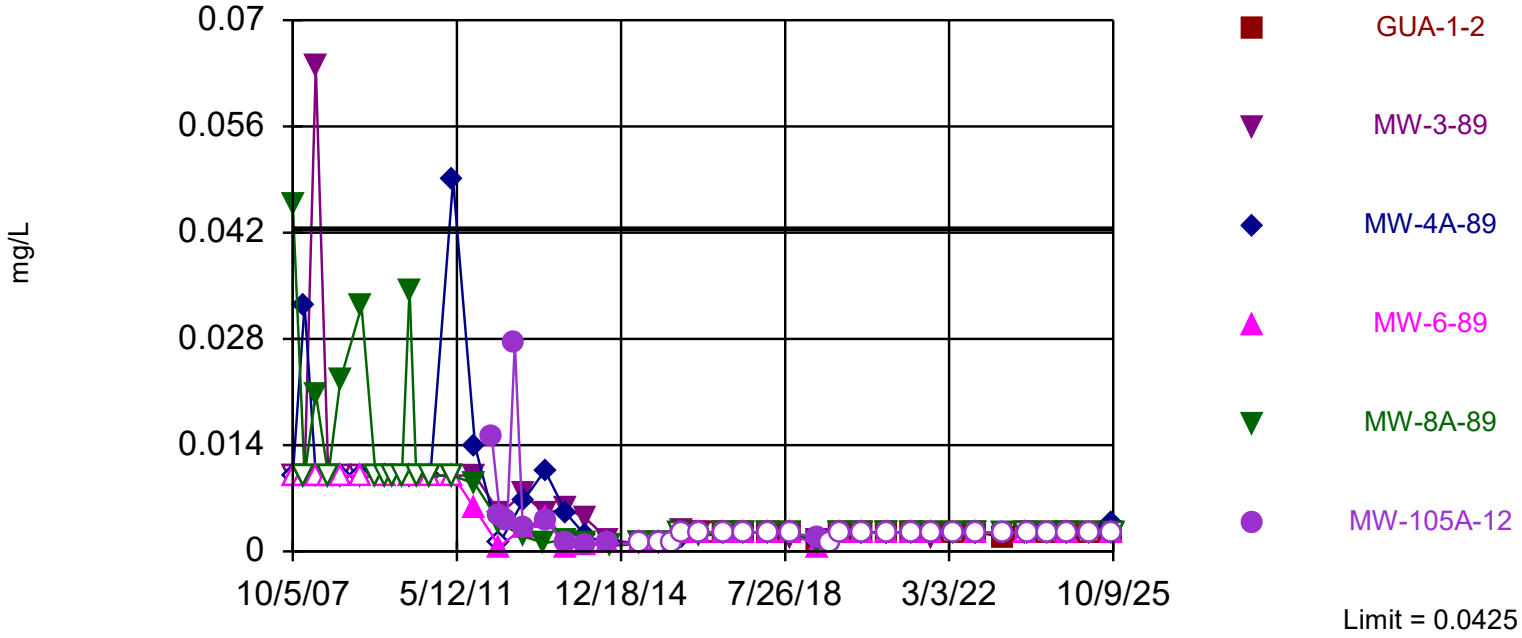
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 69.82% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Copper Analysis Run 12/2/2025 9:25 AM

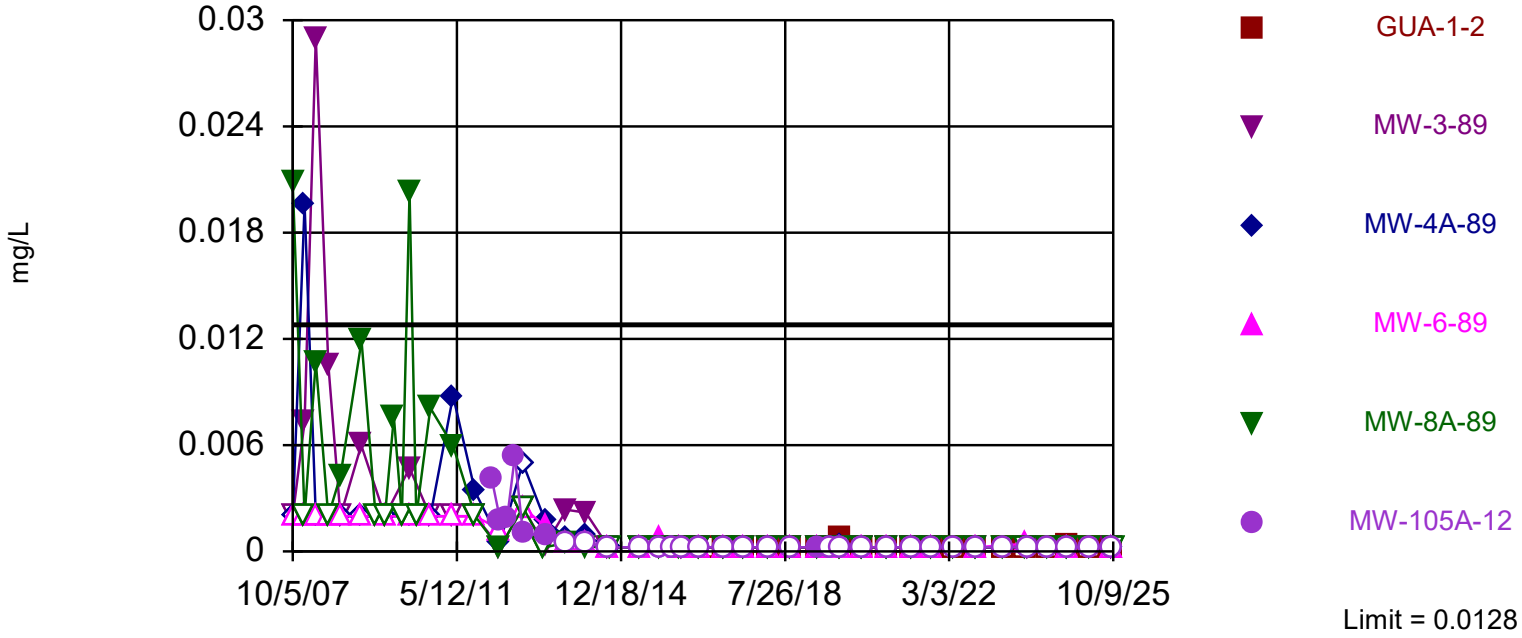
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 79.29% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Lead Analysis Run 12/2/2025 9:25 AM

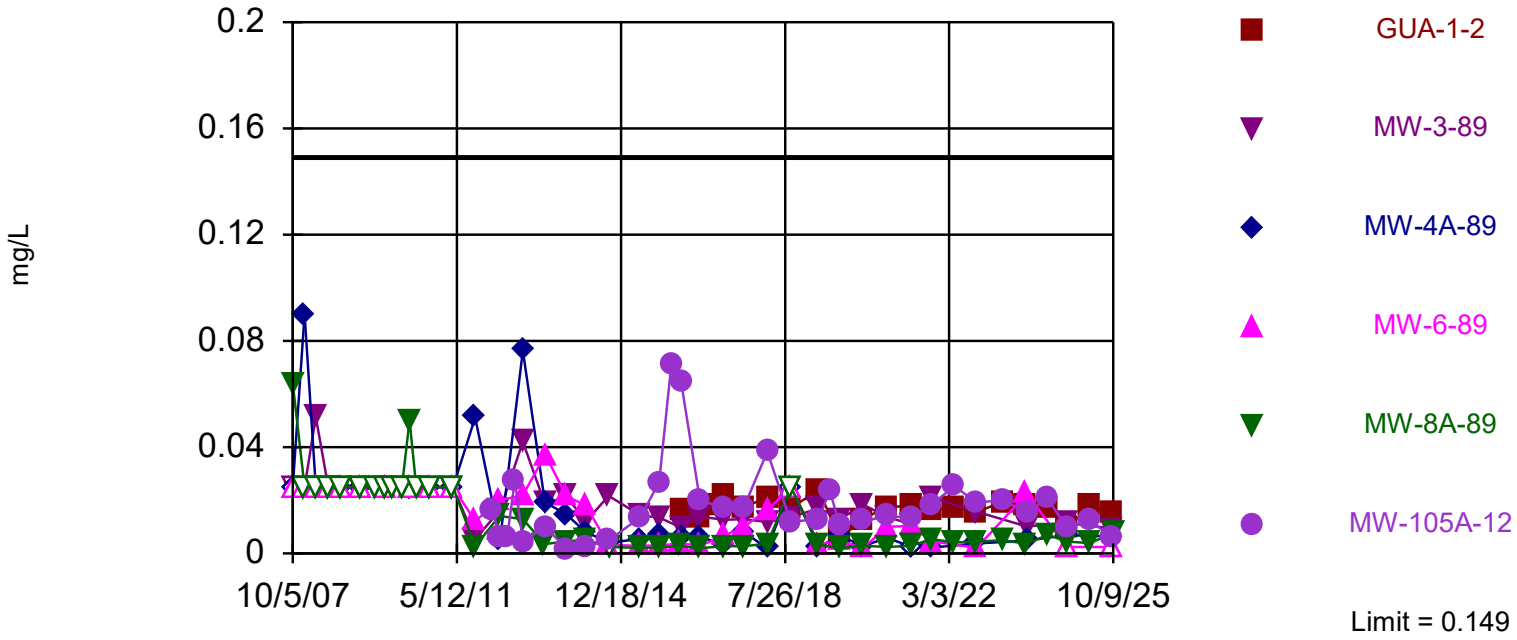
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. 35.33% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Nickel Analysis Run 12/2/2025 9:25 AM

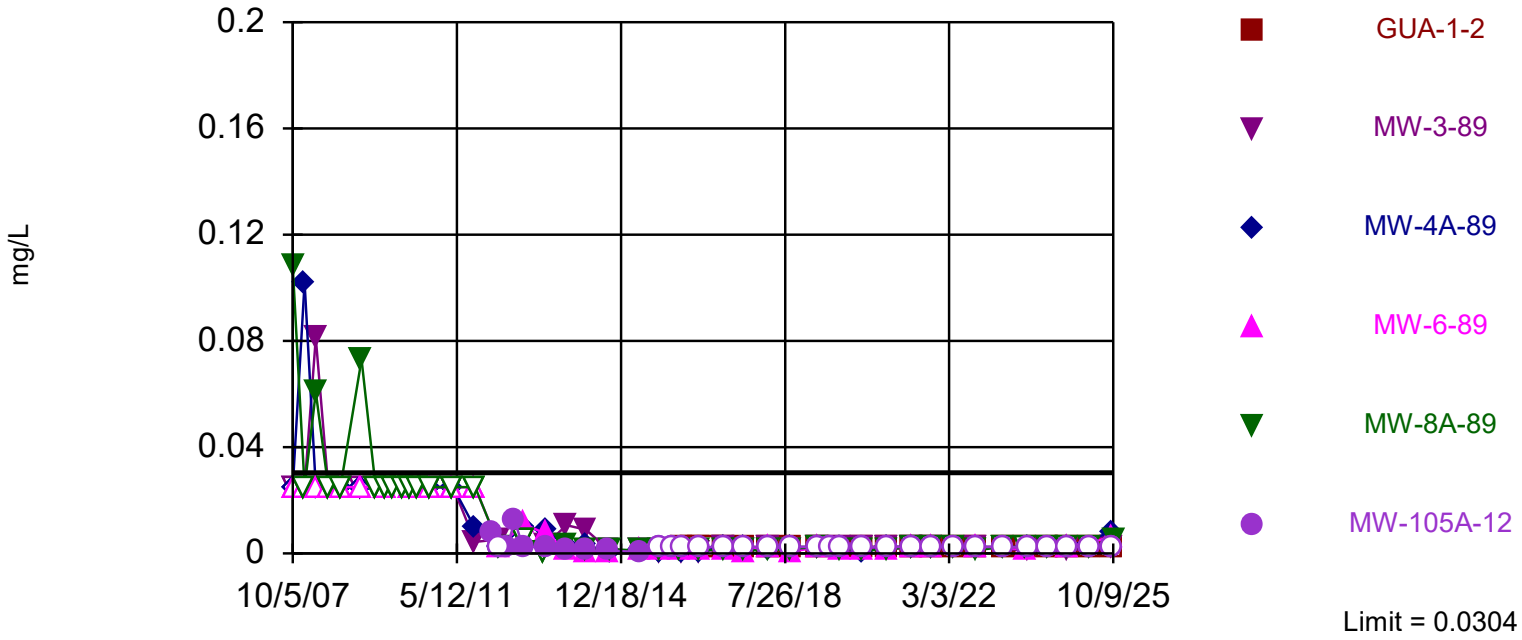
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 57.99% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Vanadium Analysis Run 12/2/2025 9:25 AM

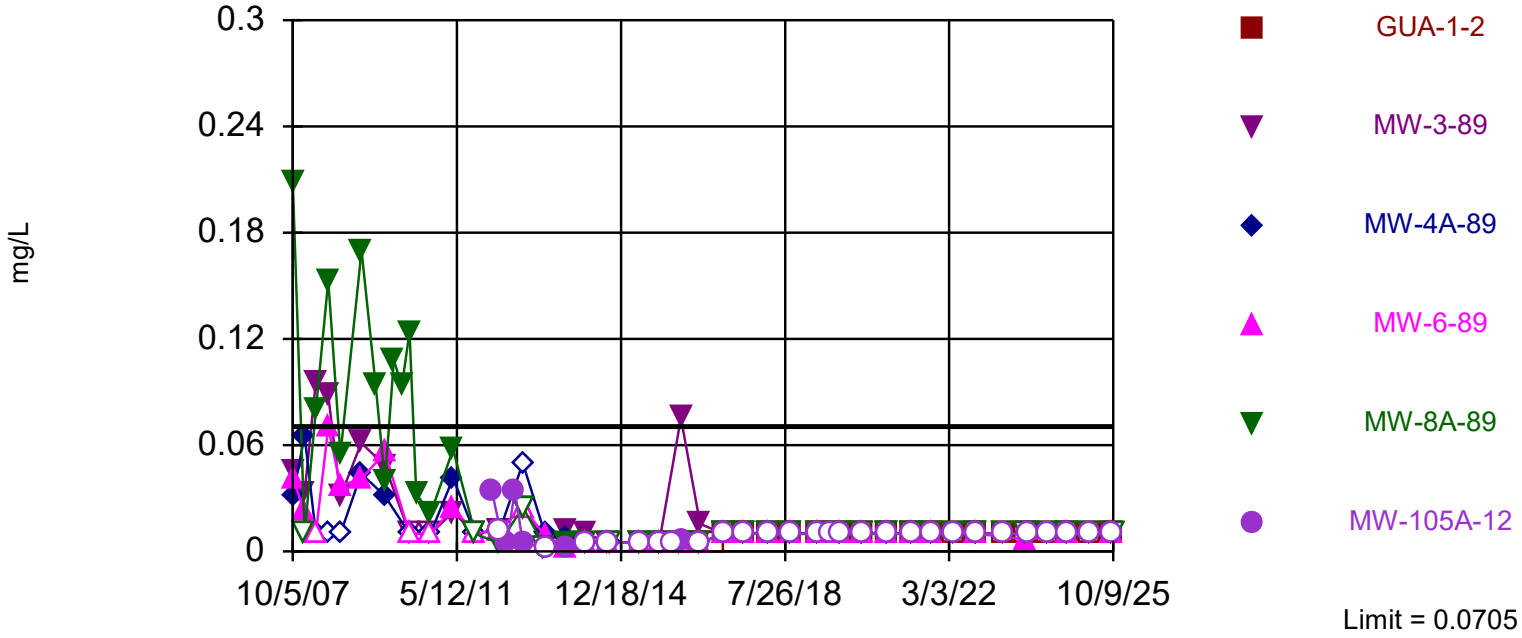
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 170 background values. 83.53% NDs. Annual per-constituent alpha = 0.004095. Individual comparison alpha = 0.0002051 (1 of 2).

Constituent: Zinc Analysis Run 12/2/2025 9:25 AM

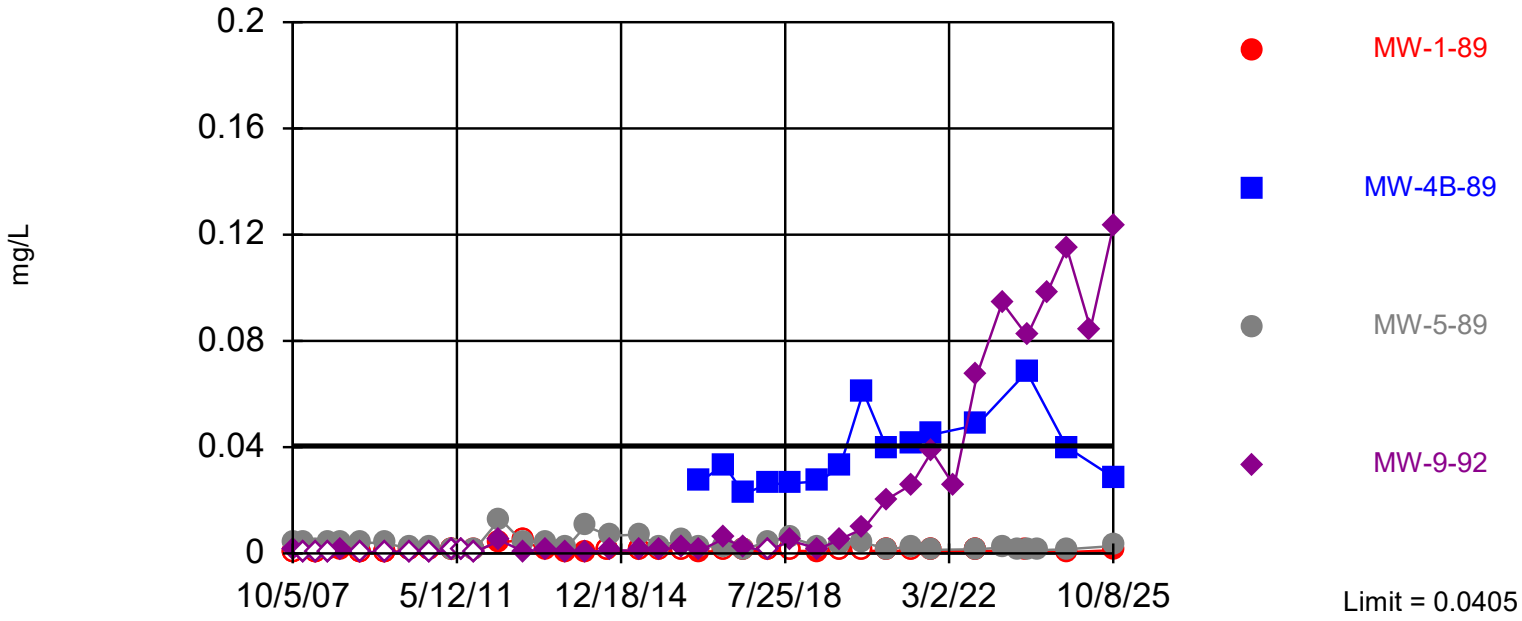
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Exceeds Limit: MW-9-92

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 162 background values. 30.25% NDs. Annual per-constituent alpha = 0.004473. Individual comparison alpha = 0.0002241 (1 of 2).

Constituent: Arsenic Analysis Run 12/2/2025 9:31 AM

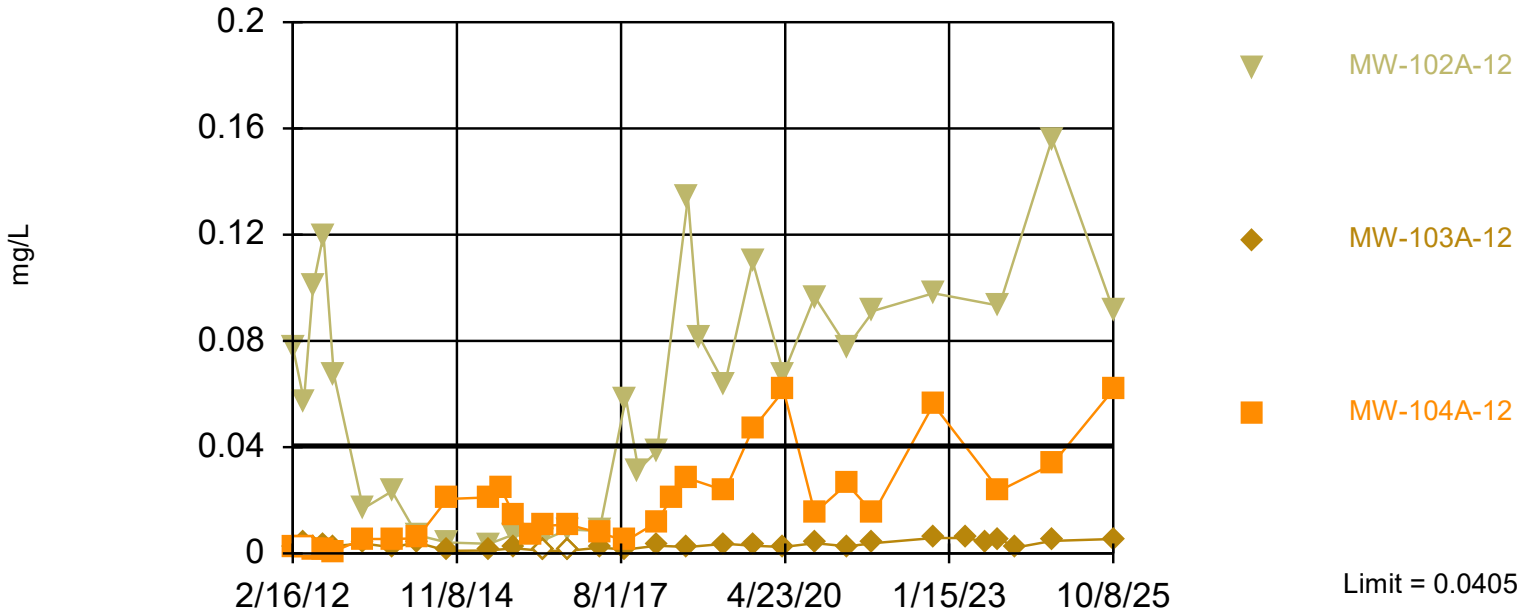
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-102A-12, MW-104A-12

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 162 background values. 30.25% NDs. Annual per-constituent alpha = 0.004473. Individual comparison alpha = 0.0002241 (1 of 2).

Constituent: Arsenic Analysis Run 12/2/2025 9:31 AM

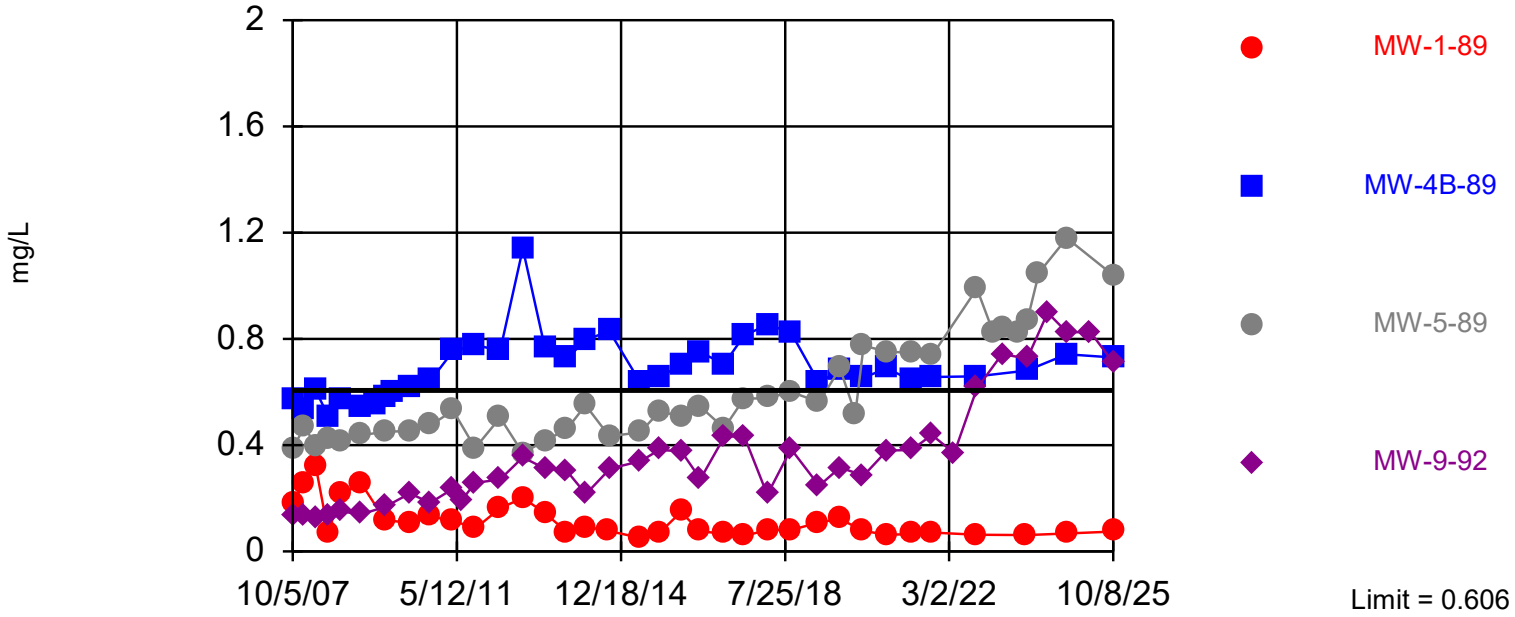
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Exceeds Limit: MW-4B-89, MW-5-89, MW-9-92

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Barium Analysis Run 12/2/2025 9:31 AM

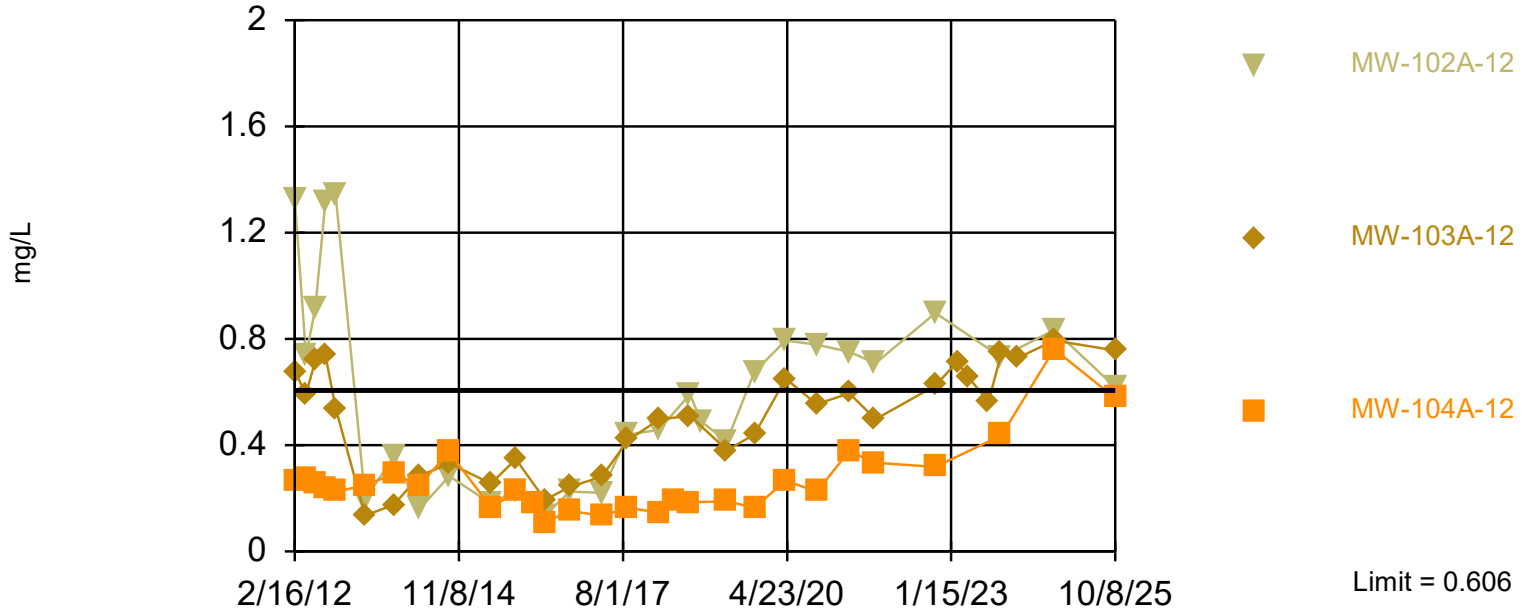
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Exceeds Limit: MW-102A-12, MW-103A-12

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Barium Analysis Run 12/2/2025 9:31 AM

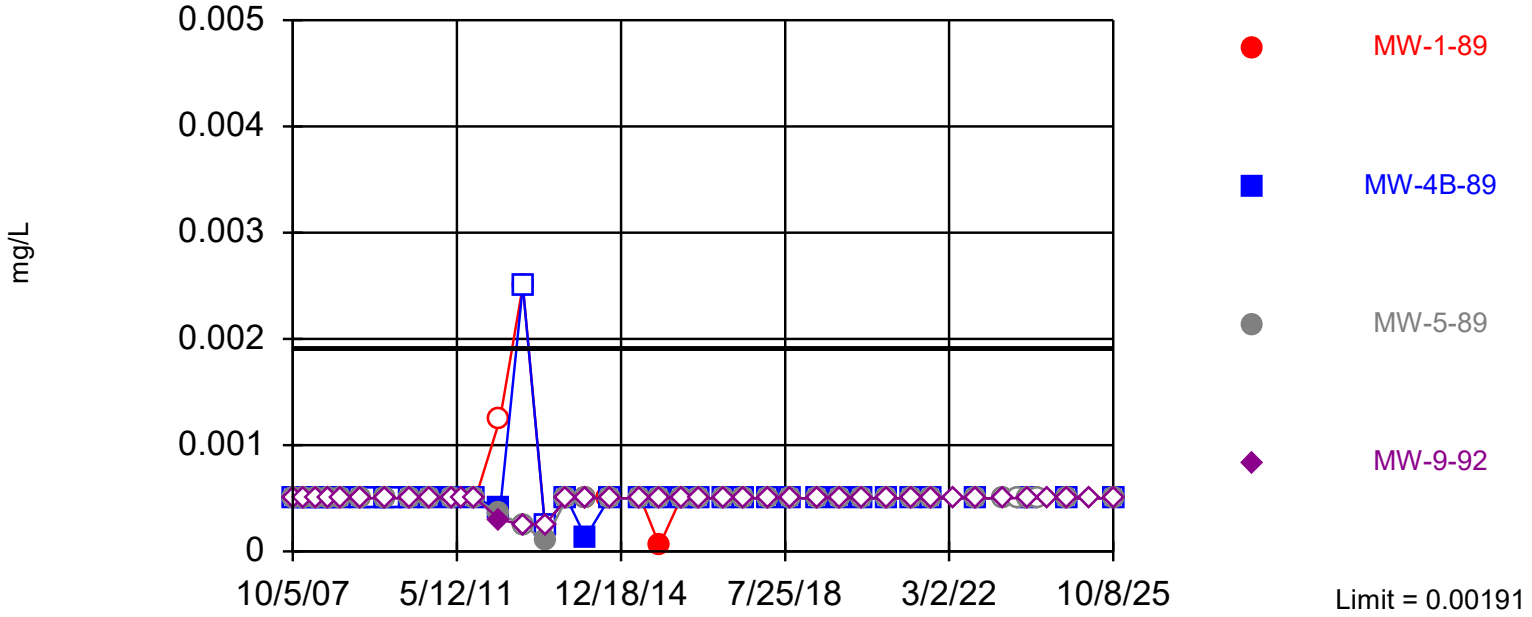
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 167 background values. 92.22% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Beryllium Analysis Run 12/2/2025 9:31 AM

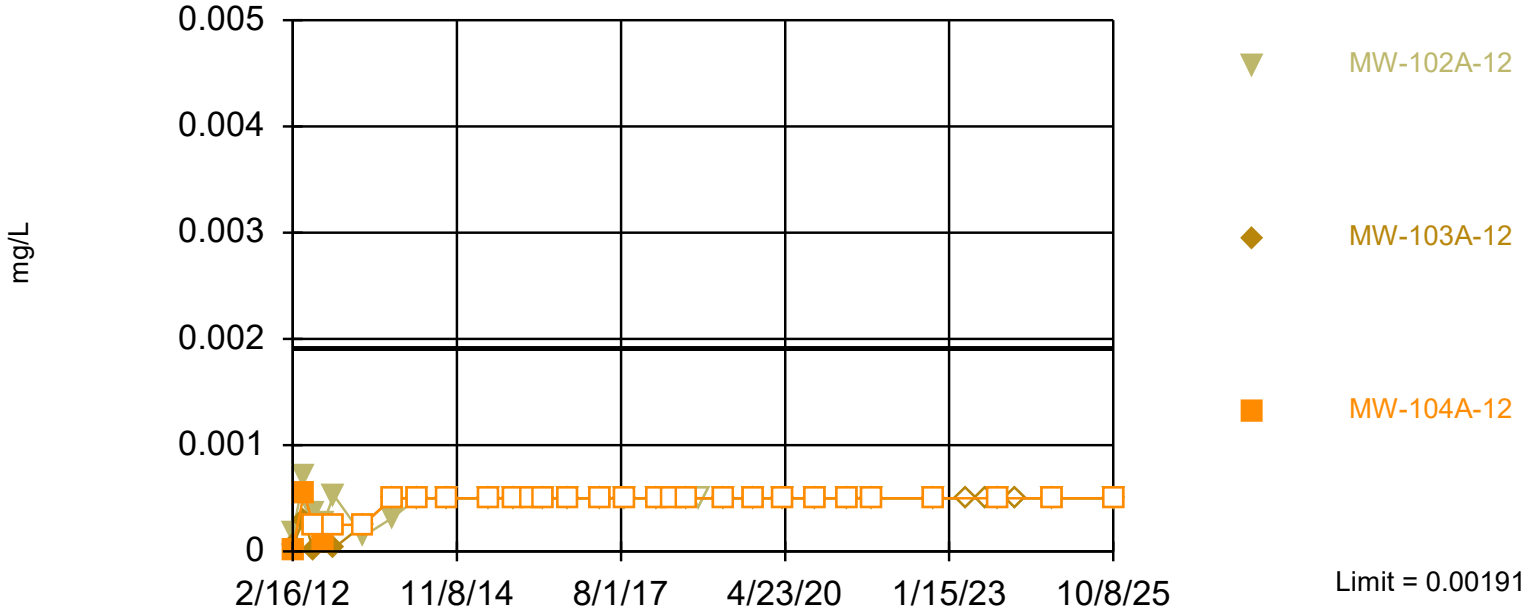
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 167 background values. 92.22% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Beryllium Analysis Run 12/2/2025 9:31 AM

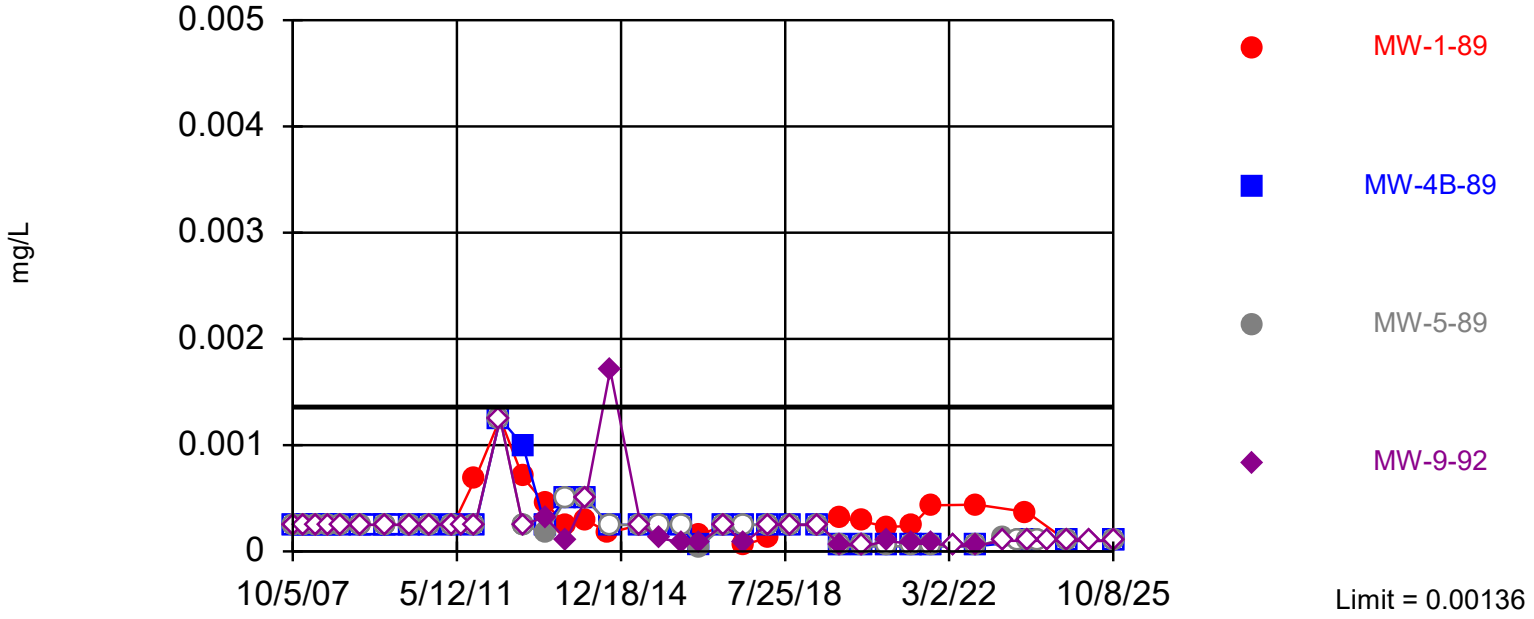
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 167 background values. 61.08% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Cadmium Analysis Run 12/2/2025 9:31 AM

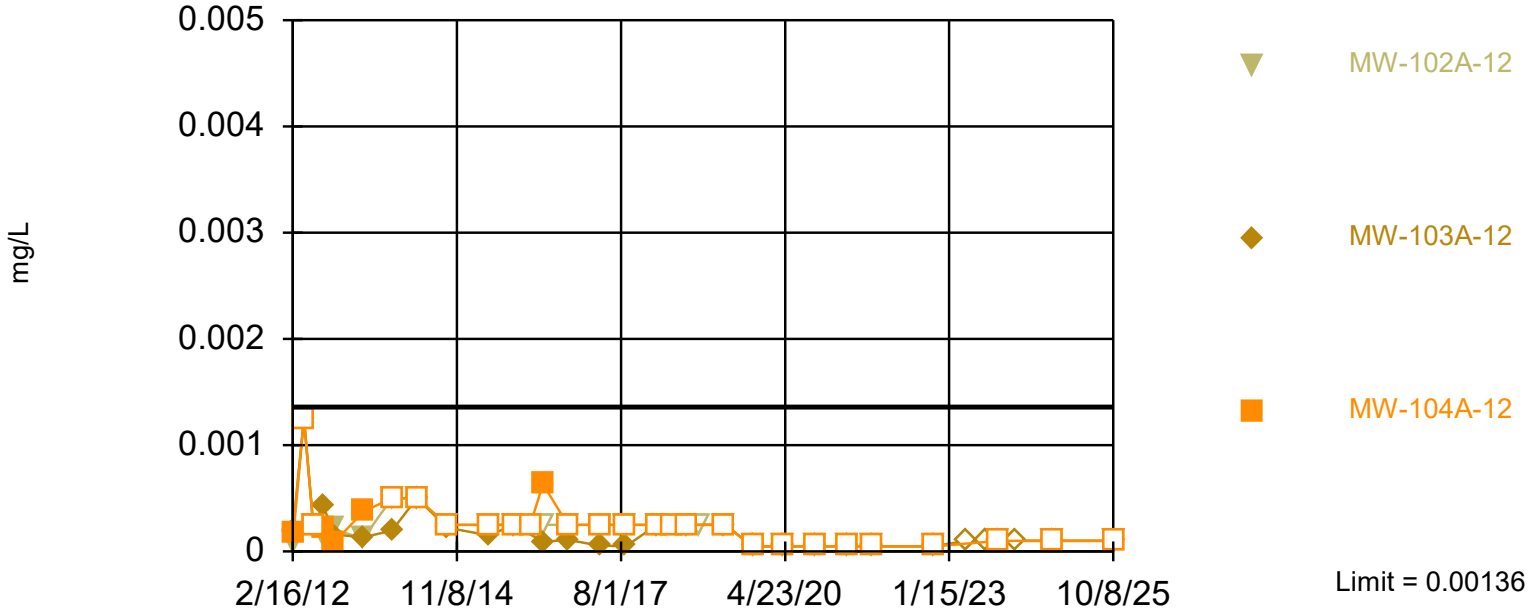
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 167 background values. 61.08% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Cadmium Analysis Run 12/2/2025 9:31 AM

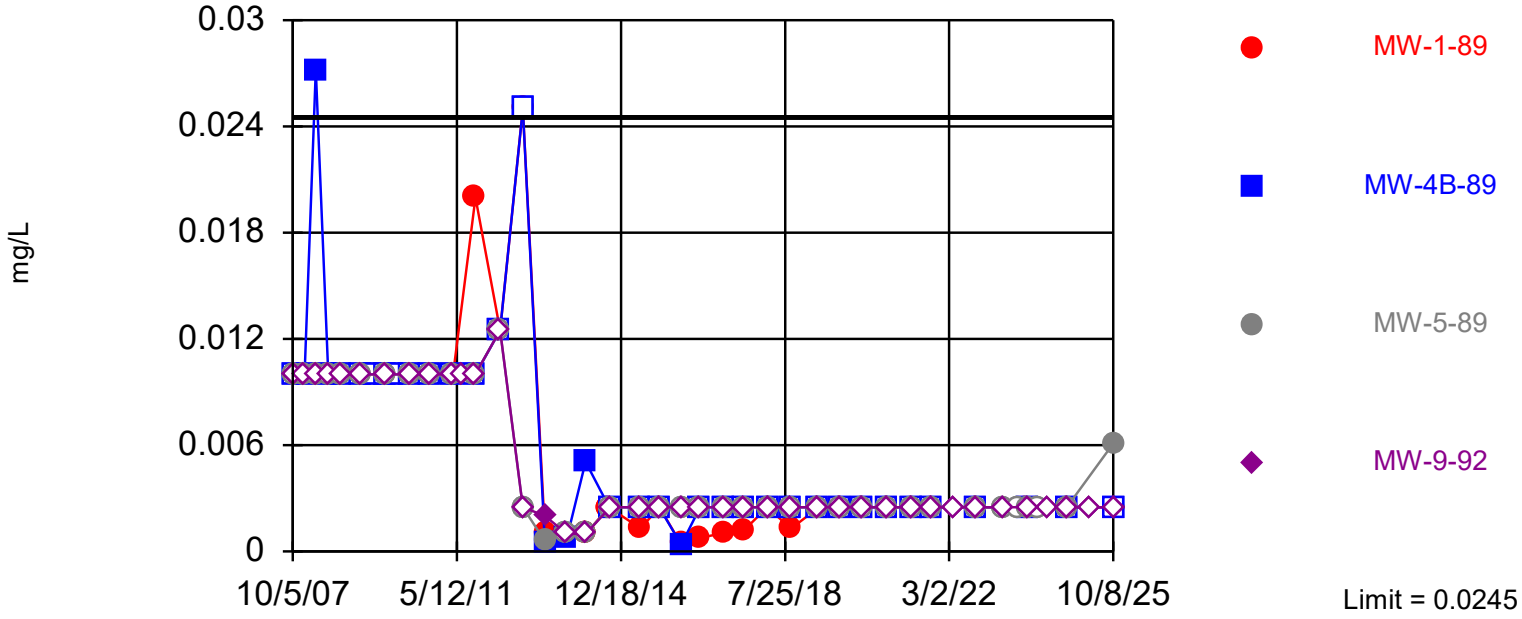
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 168 background values. 84.52% NDs. Annual per-constituent alpha = 0.00419. Individual comparison alpha = 0.0002099 (1 of 2).

Constituent: Chromium Analysis Run 12/2/2025 9:31 AM

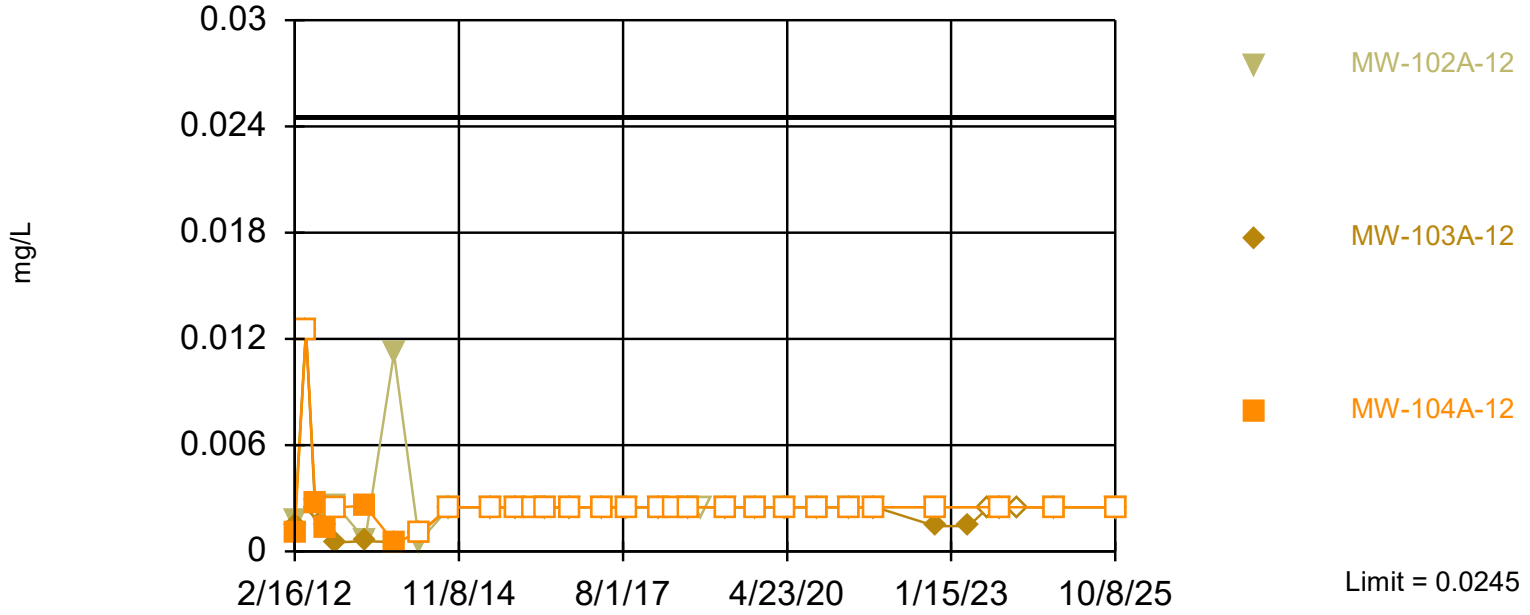
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 168 background values. 84.52% NDs. Annual per-constituent alpha = 0.00419. Individual comparison alpha = 0.0002099 (1 of 2).

Constituent: Chromium Analysis Run 12/2/2025 9:31 AM

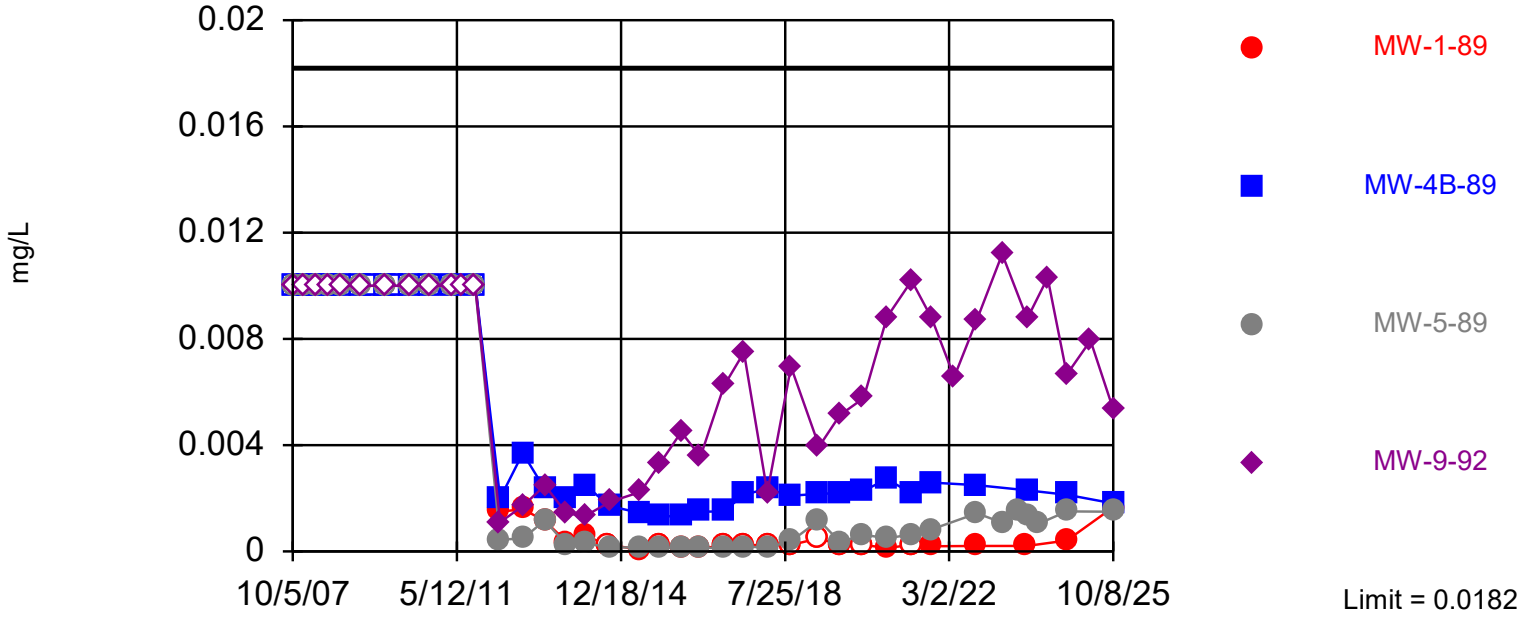
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 163 background values. 21.47% NDs. Annual per-constituent alpha = 0.004426. Individual comparison alpha = 0.0002218 (1 of 2).

Constituent: Cobalt Analysis Run 12/2/2025 9:31 AM

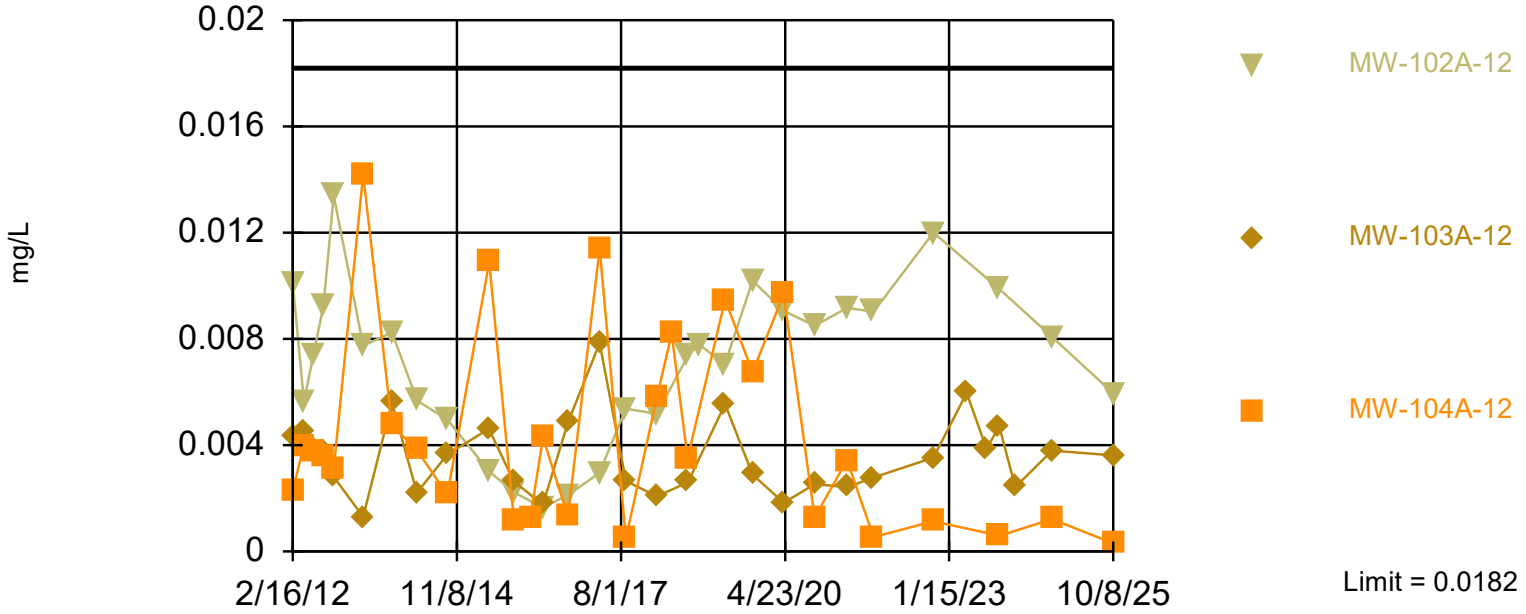
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 163 background values. 21.47% NDs. Annual per-constituent alpha = 0.004426. Individual comparison alpha = 0.0002218 (1 of 2).

Constituent: Cobalt Analysis Run 12/2/2025 9:31 AM

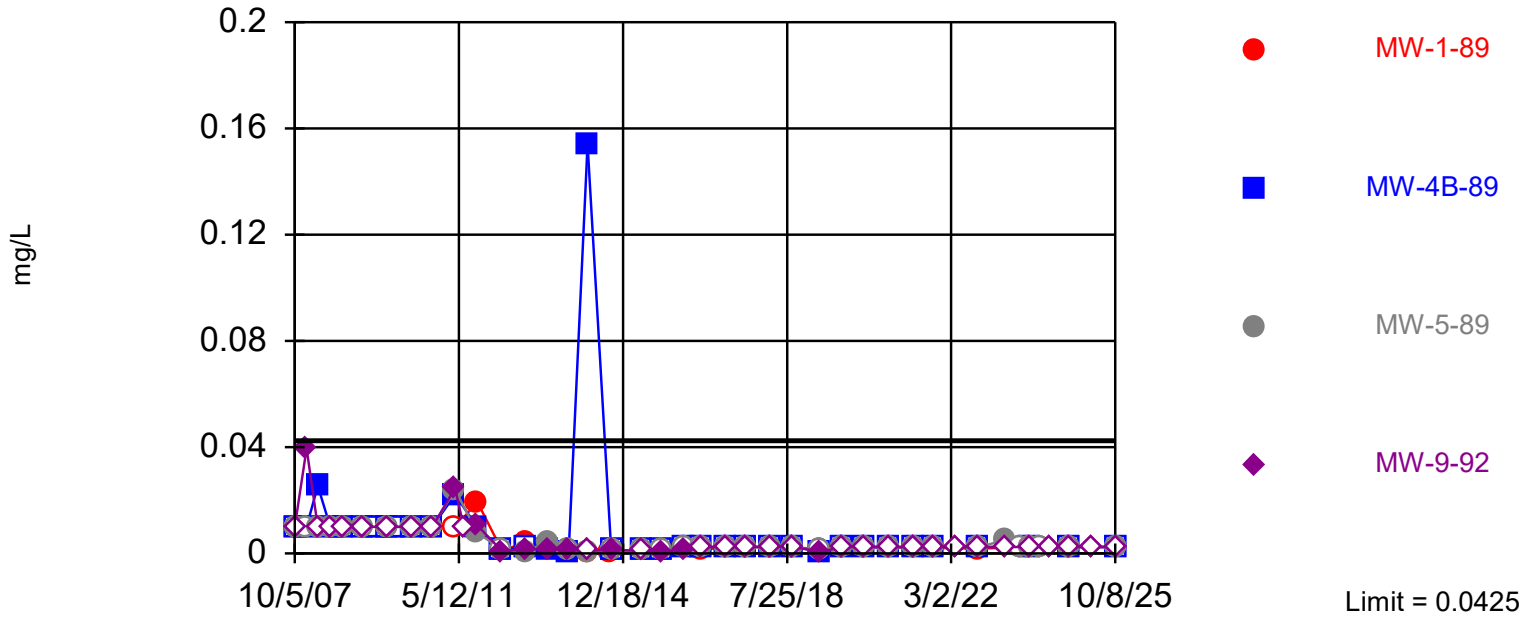
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 69.82% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Copper Analysis Run 12/2/2025 9:31 AM

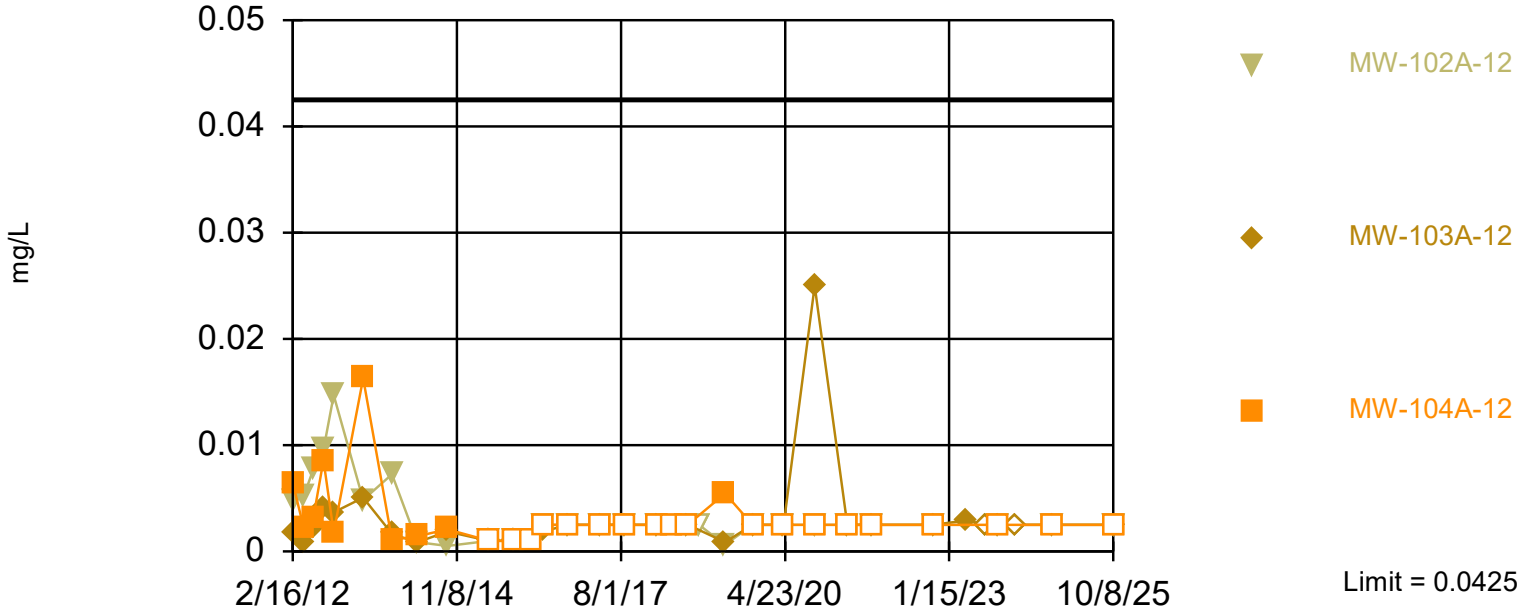
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 69.82% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Copper Analysis Run 12/2/2025 9:31 AM

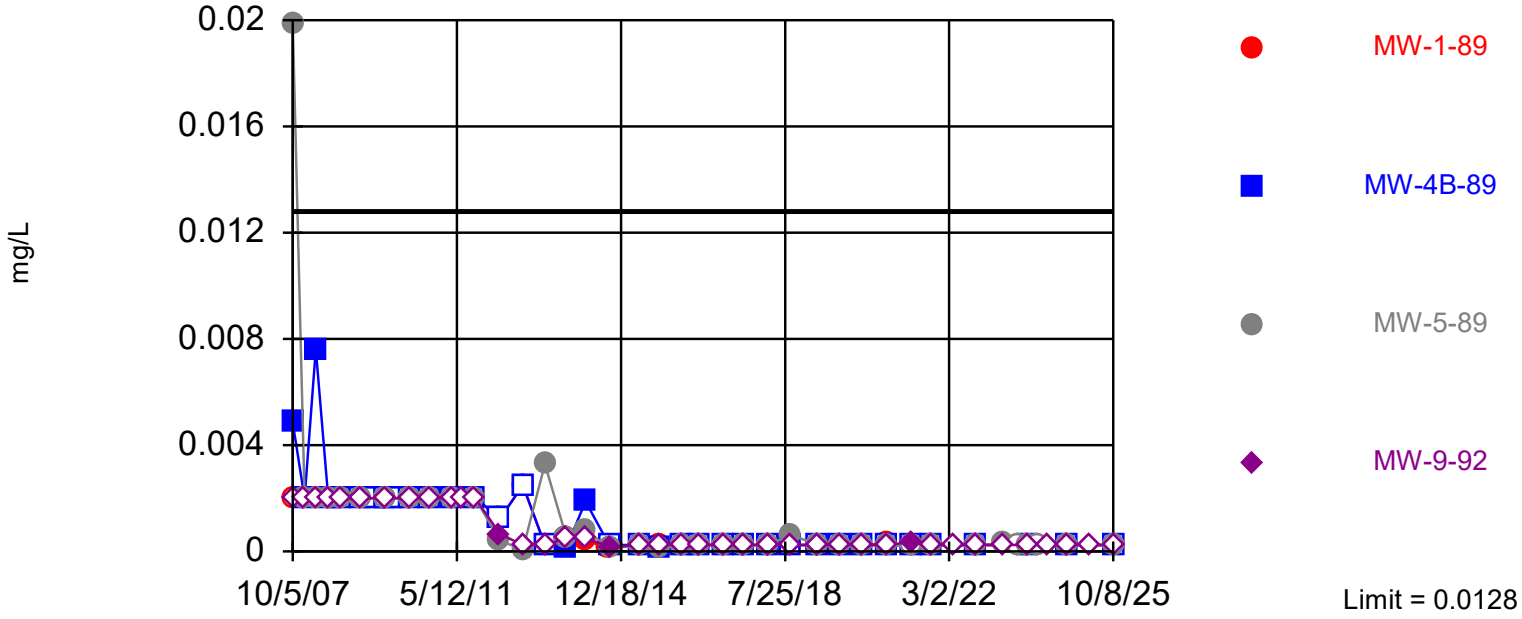
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 79.29% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Lead Analysis Run 12/2/2025 9:31 AM

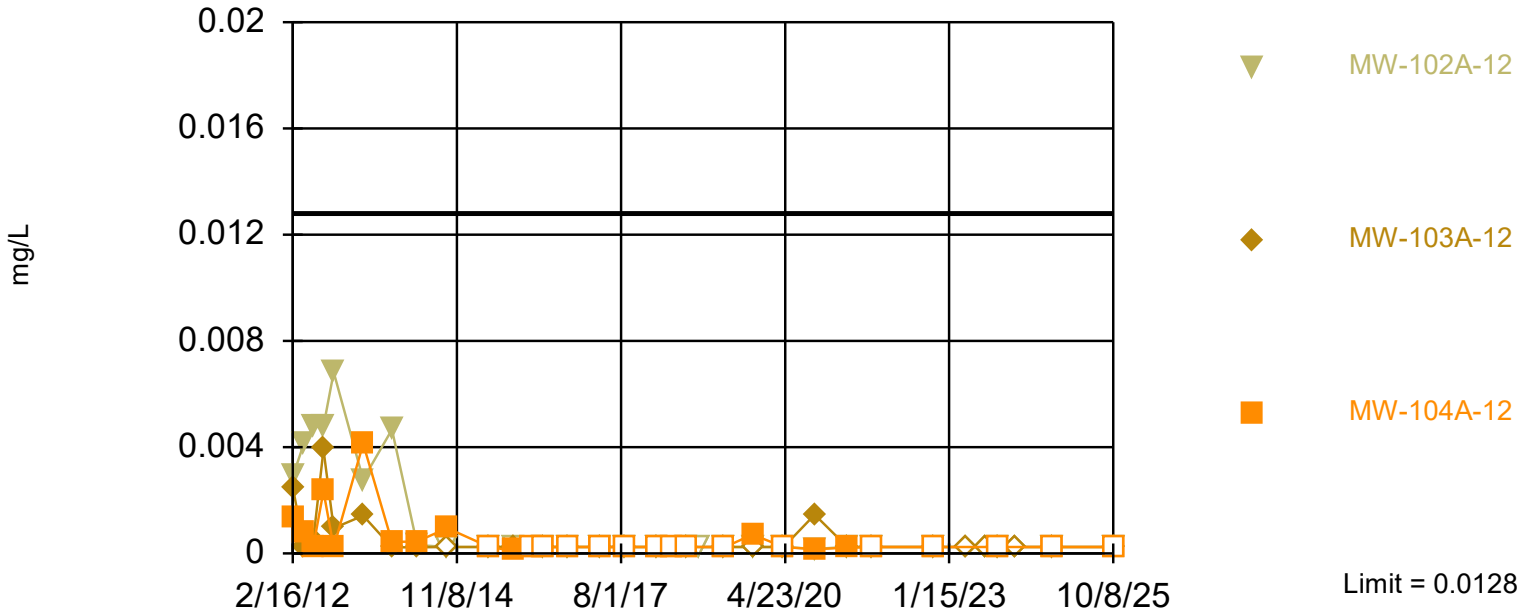
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 79.29% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Lead Analysis Run 12/2/2025 9:31 AM

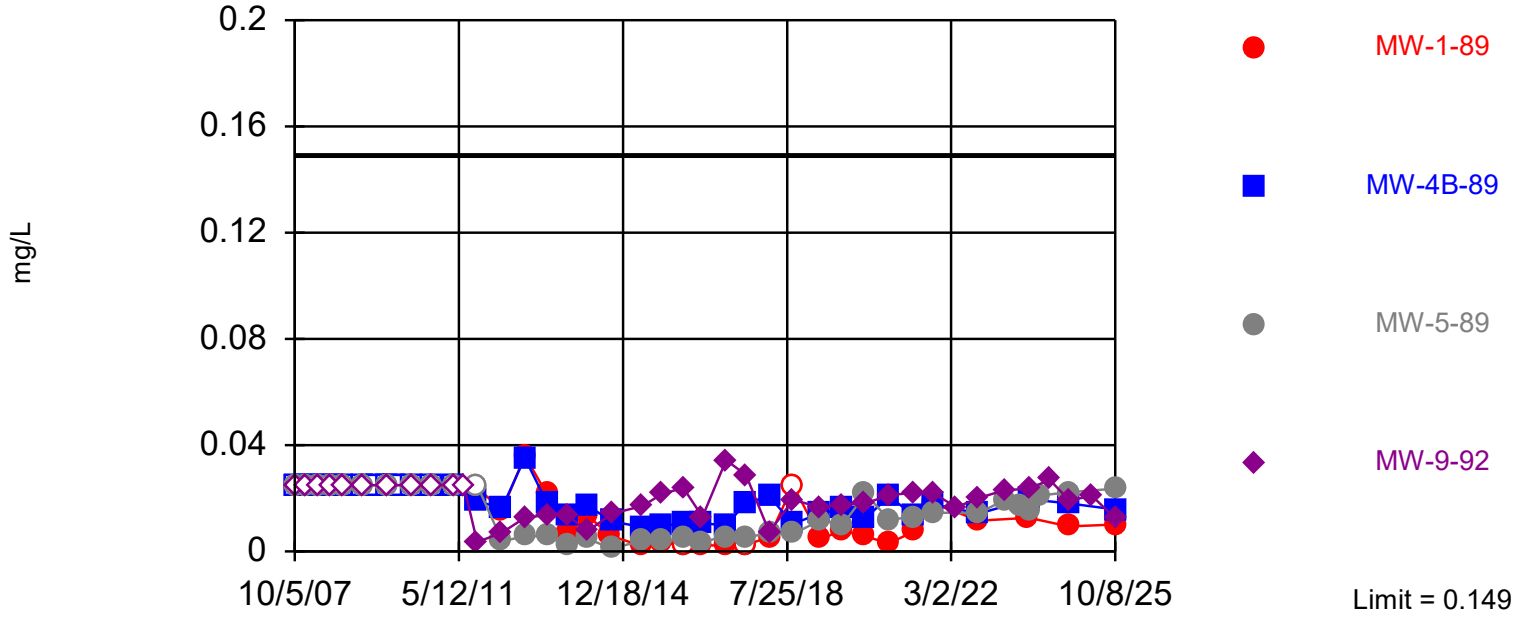
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. 35.33% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Nickel Analysis Run 12/2/2025 9:31 AM

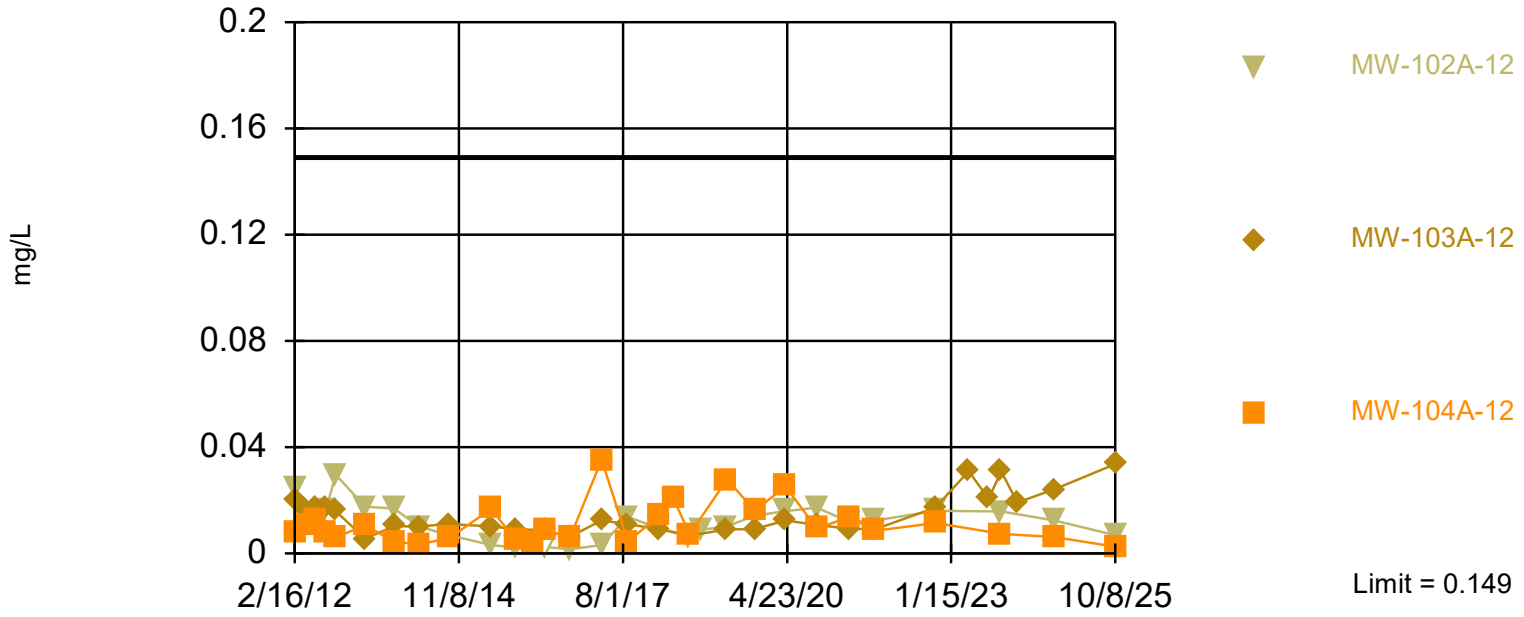
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. 35.33% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Nickel Analysis Run 12/2/2025 9:31 AM

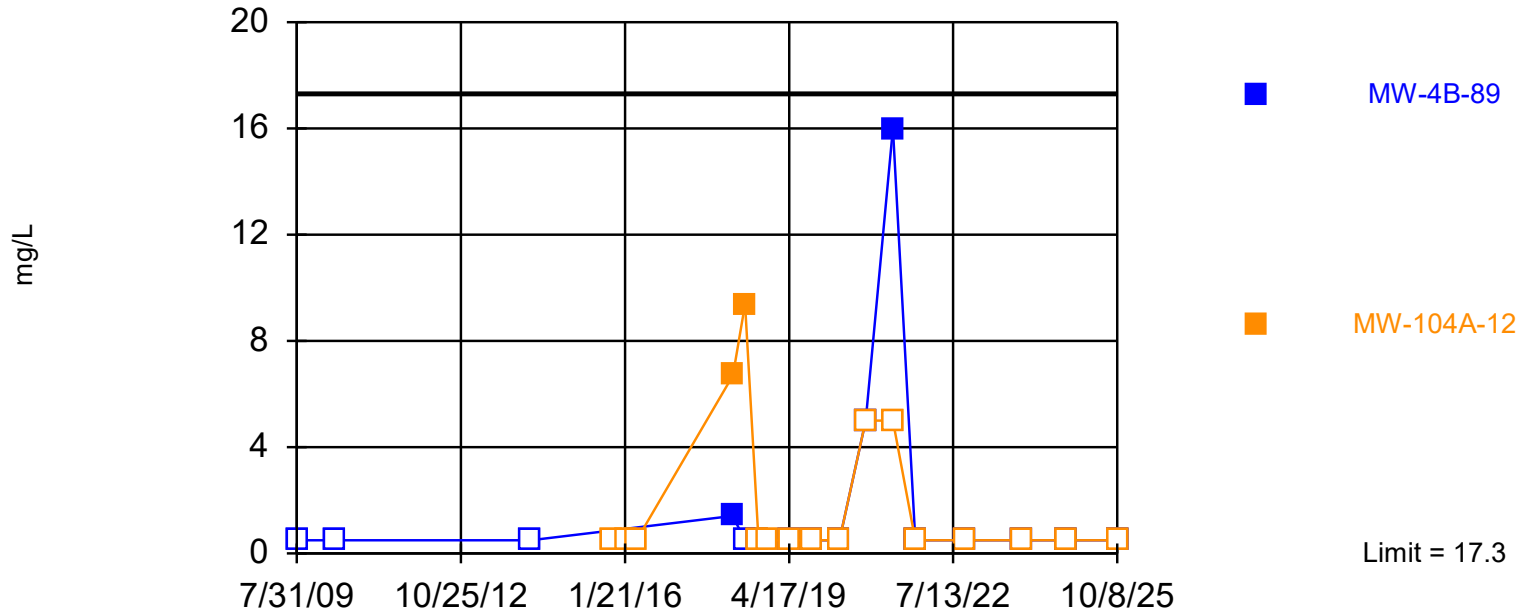
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 101 background values. 92.08% NDs. Annual per-constituent alpha = 0.01128. Individual comparison alpha = 0.000567 (1 of 2).

Constituent: Sulfide Analysis Run 12/2/2025 9:32 AM

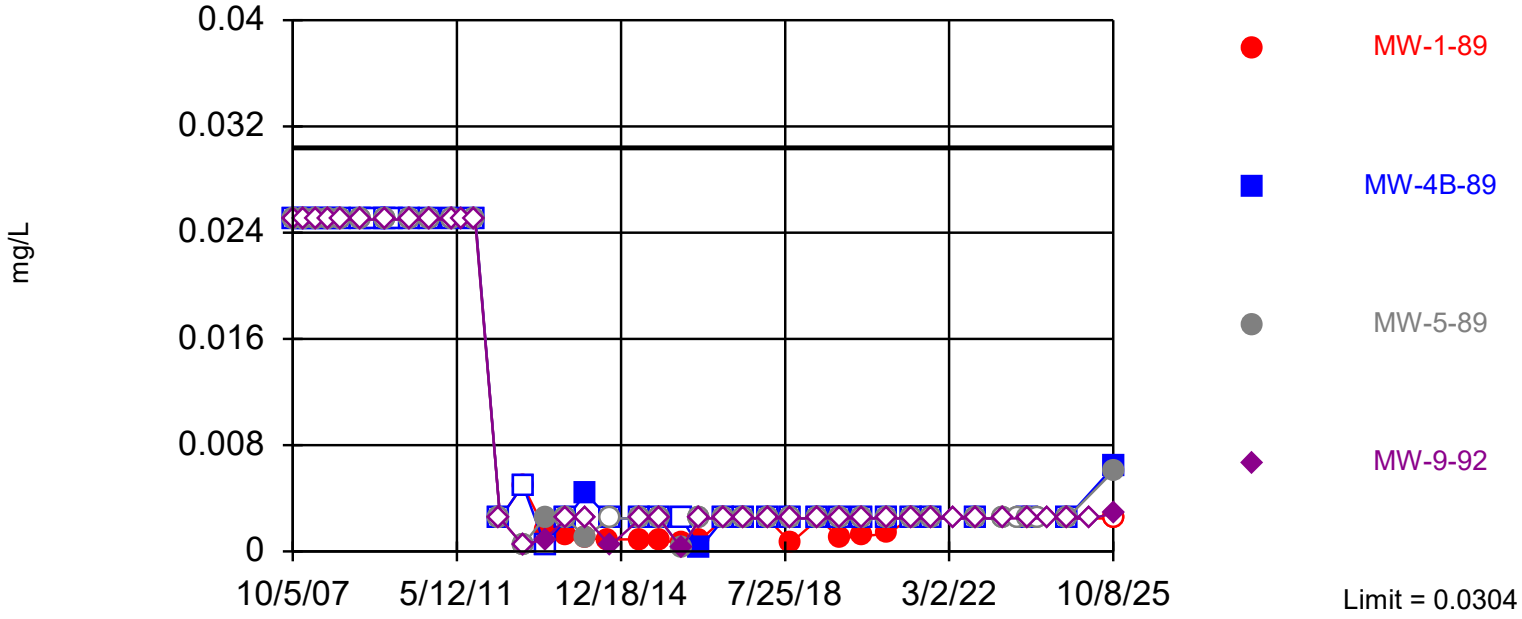
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 57.99% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Vanadium Analysis Run 12/2/2025 9:31 AM

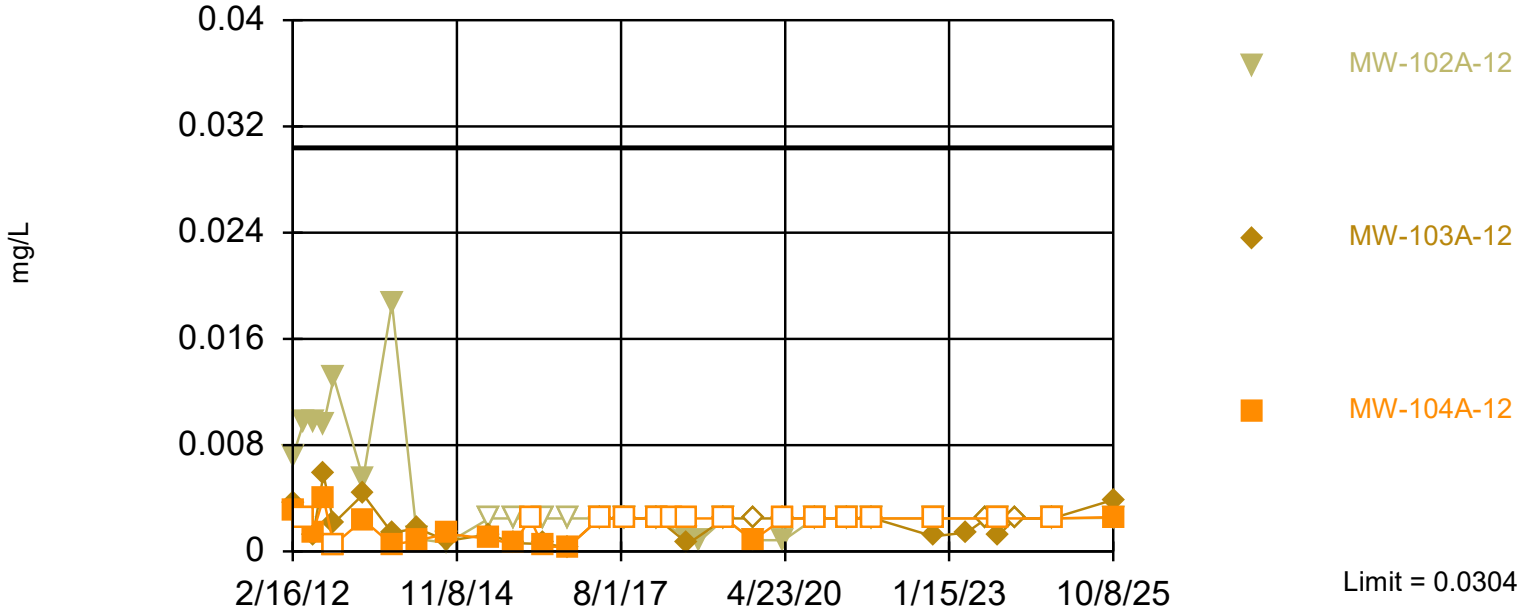
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 57.99% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Vanadium Analysis Run 12/2/2025 9:32 AM

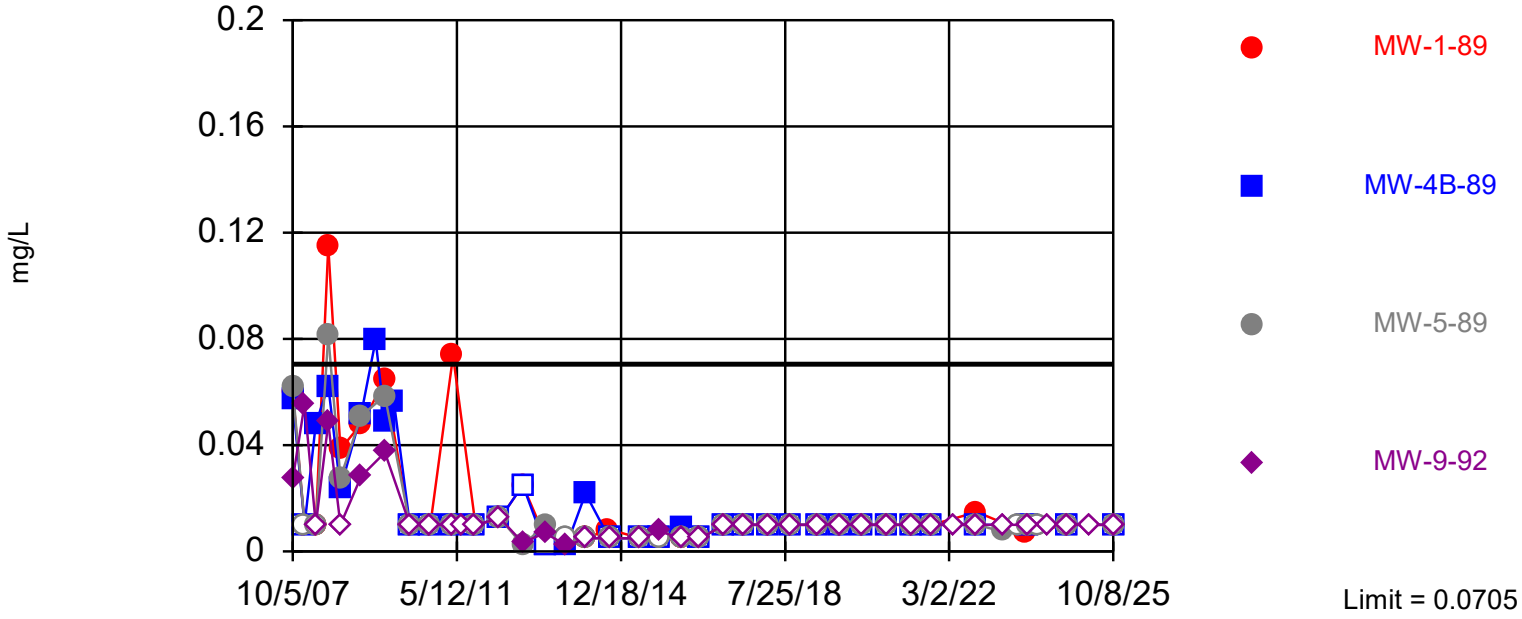
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 170 background values. 83.53% NDs. Annual per-constituent alpha = 0.004095. Individual comparison alpha = 0.0002051 (1 of 2).

Constituent: Zinc Analysis Run 12/2/2025 9:31 AM

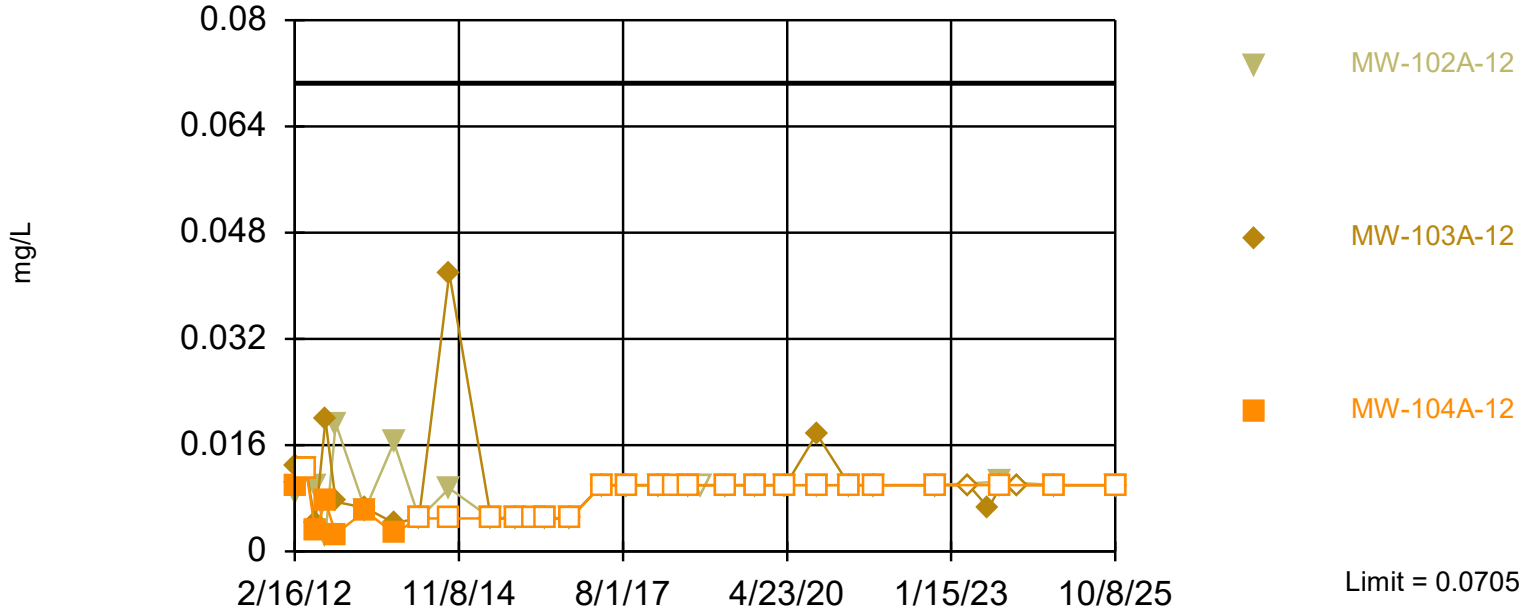
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 170 background values. 83.53% NDs. Annual per-constituent alpha = 0.004095. Individual comparison alpha = 0.0002051 (1 of 2).

Constituent: Zinc Analysis Run 12/2/2025 9:32 AM

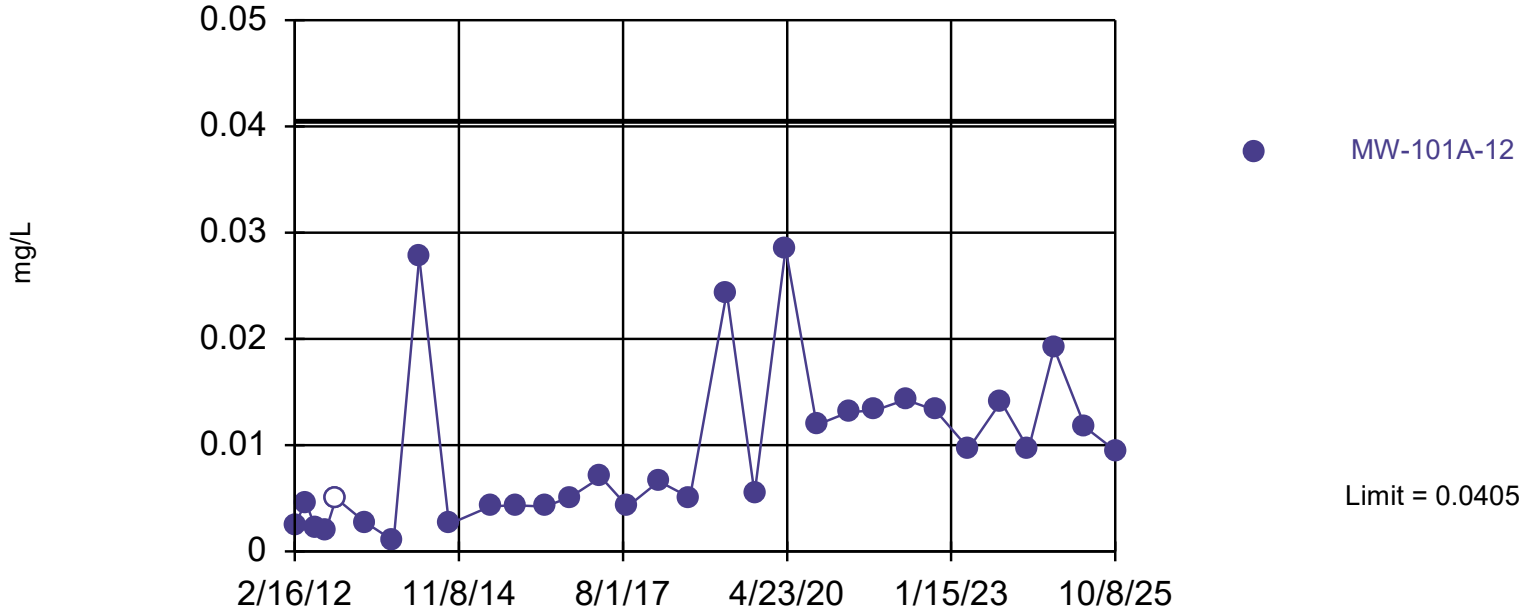
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 162 background values. 30.25% NDs. Annual per -constituent alpha = 0.004473. Individual comparison alpha = 0.0002241 (1 of 2).

Constituent: Arsenic Analysis Run 12/2/2025 9:45 AM

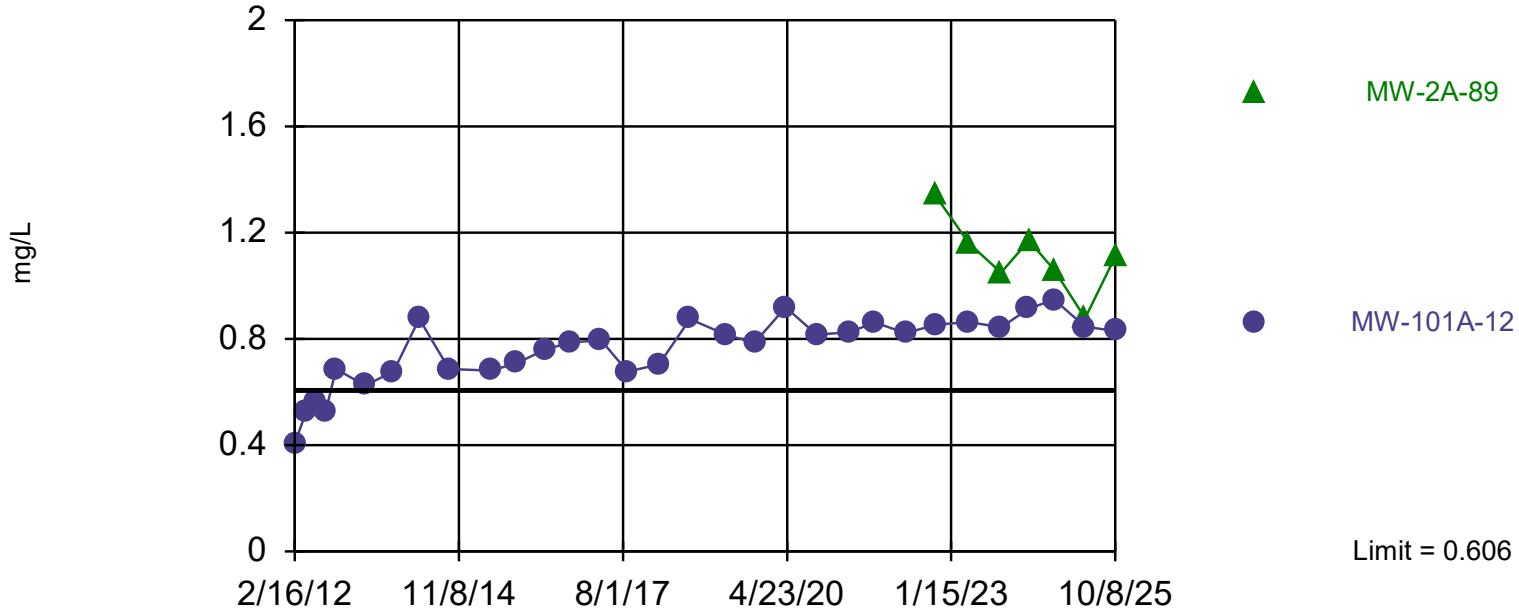
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Exceeds Limit: MW-2A-89, MW-101A-12

Prediction Limit - Corrective Action Monitoring
Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Barium Analysis Run 12/2/2025 9:45 AM

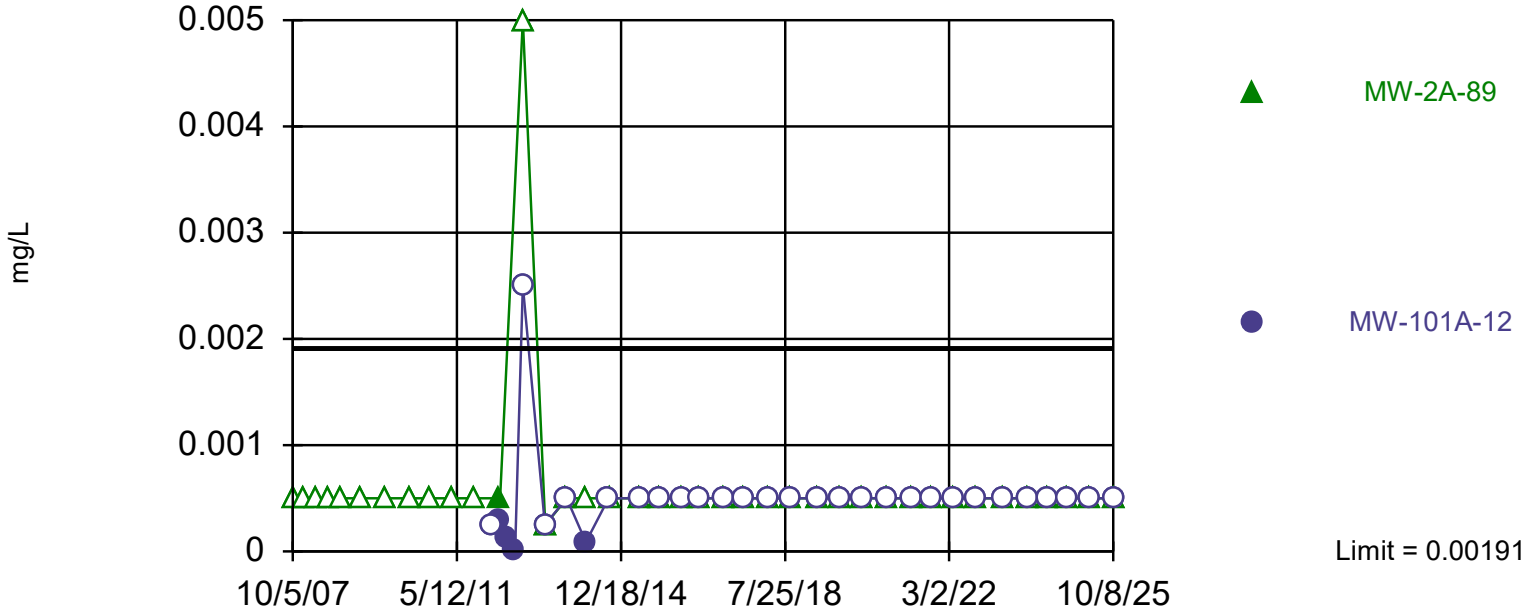
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring
Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 167 background values. 92.22% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Beryllium Analysis Run 12/2/2025 9:45 AM

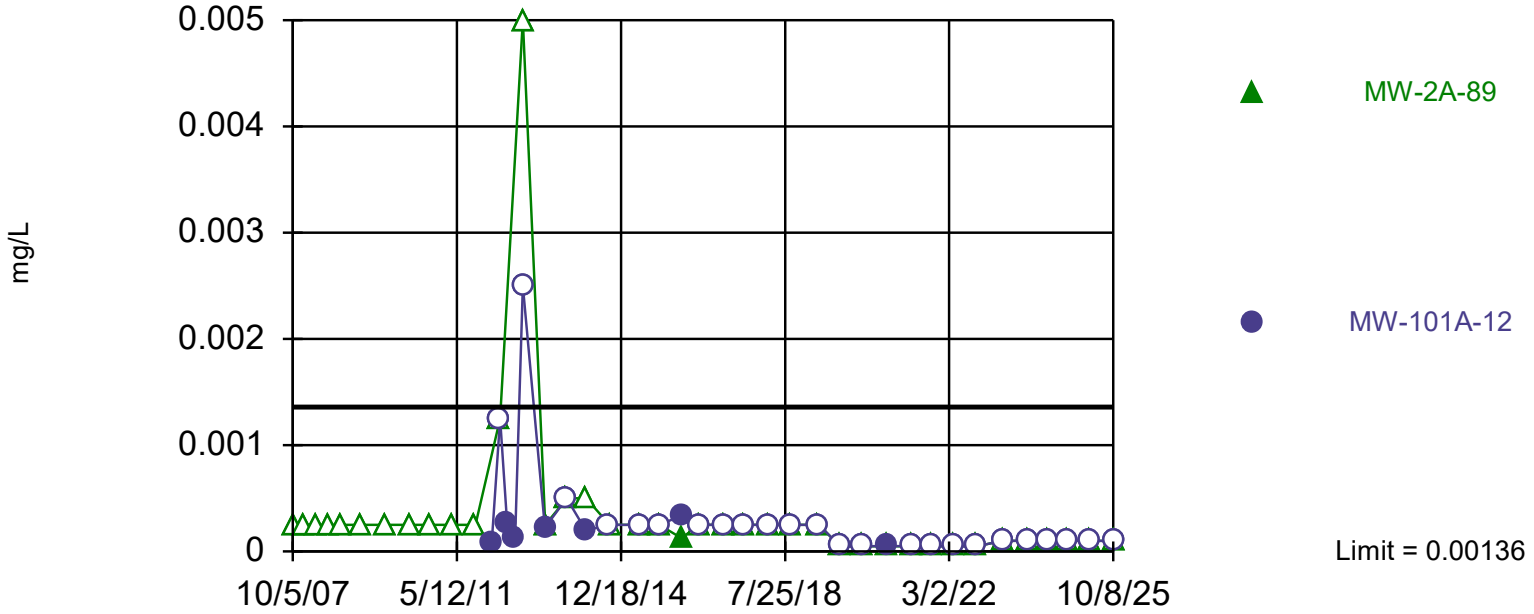
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring
Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 167 background values. 61.08% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Cadmium Analysis Run 12/2/2025 9:45 AM

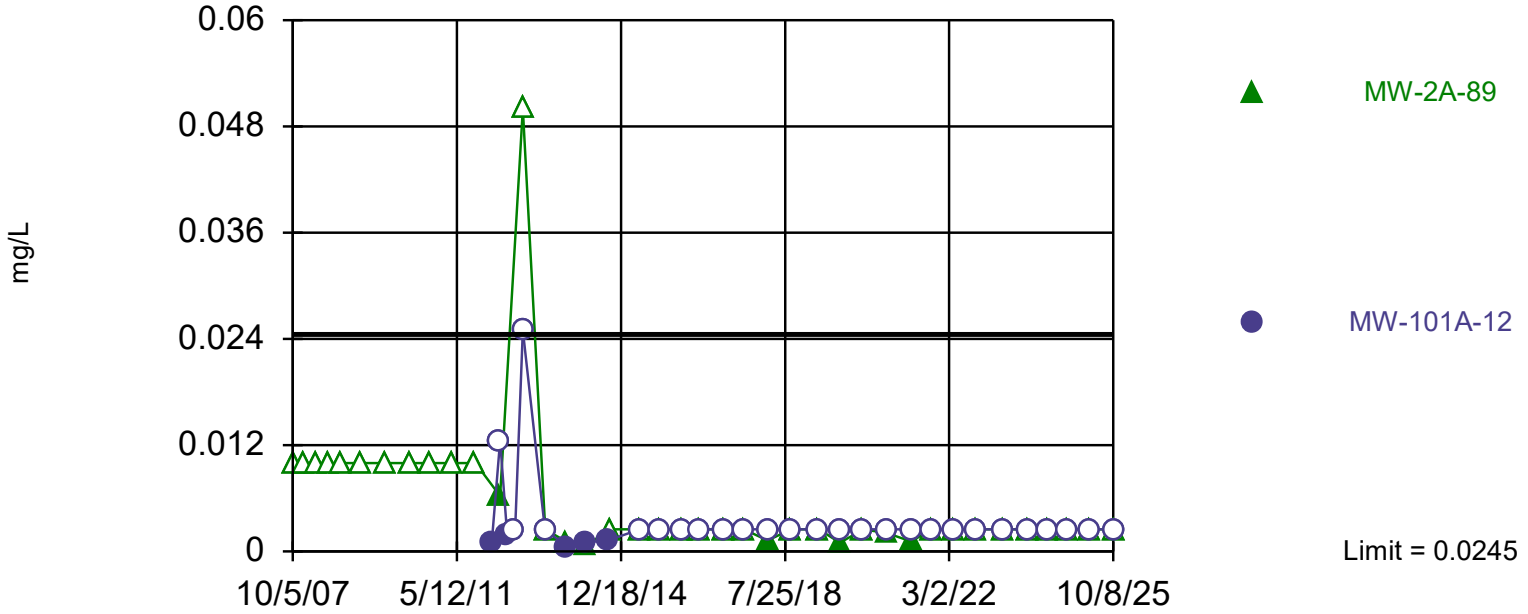
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring
Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 168 background values. 84.52% NDs. Annual per-constituent alpha = 0.00419. Individual comparison alpha = 0.0002099 (1 of 2).

Constituent: Chromium Analysis Run 12/2/2025 9:45 AM

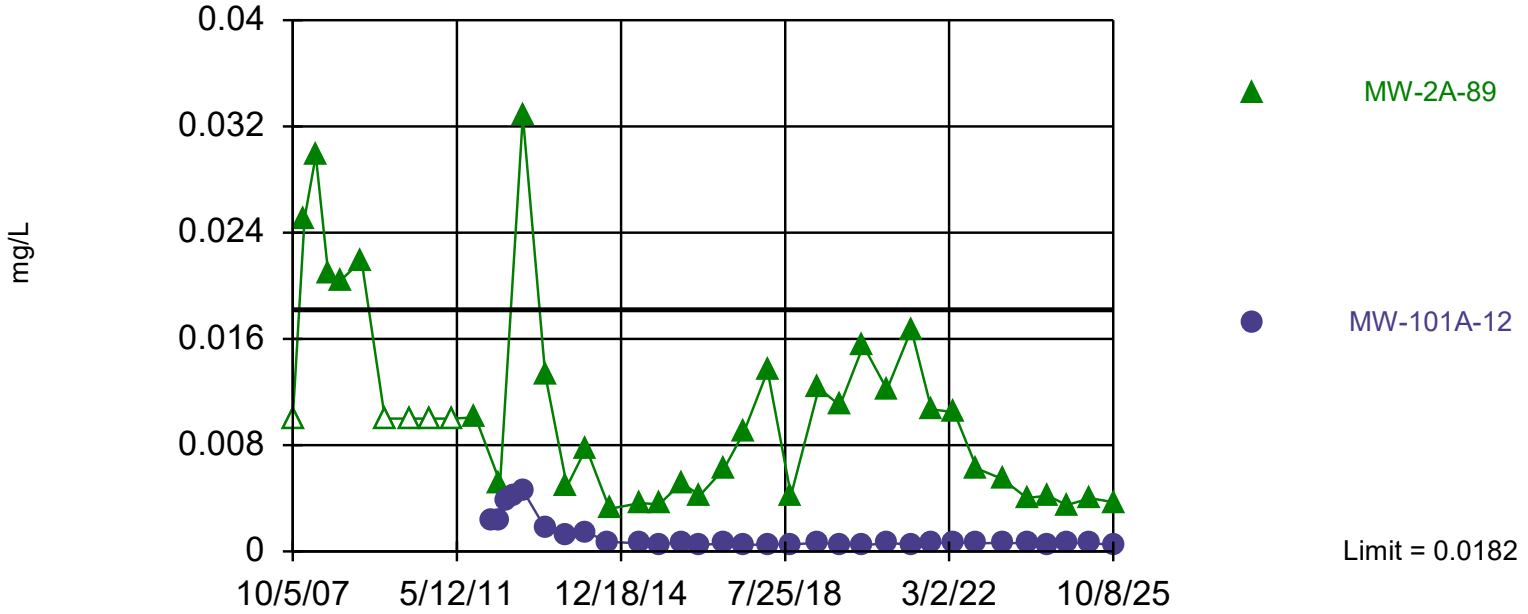
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring
Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 163 background values. 21.47% NDs. Annual per -constituent alpha = 0.004426. Individual comparison alpha = 0.0002218 (1 of 2).

Constituent: Cobalt Analysis Run 12/2/2025 9:45 AM

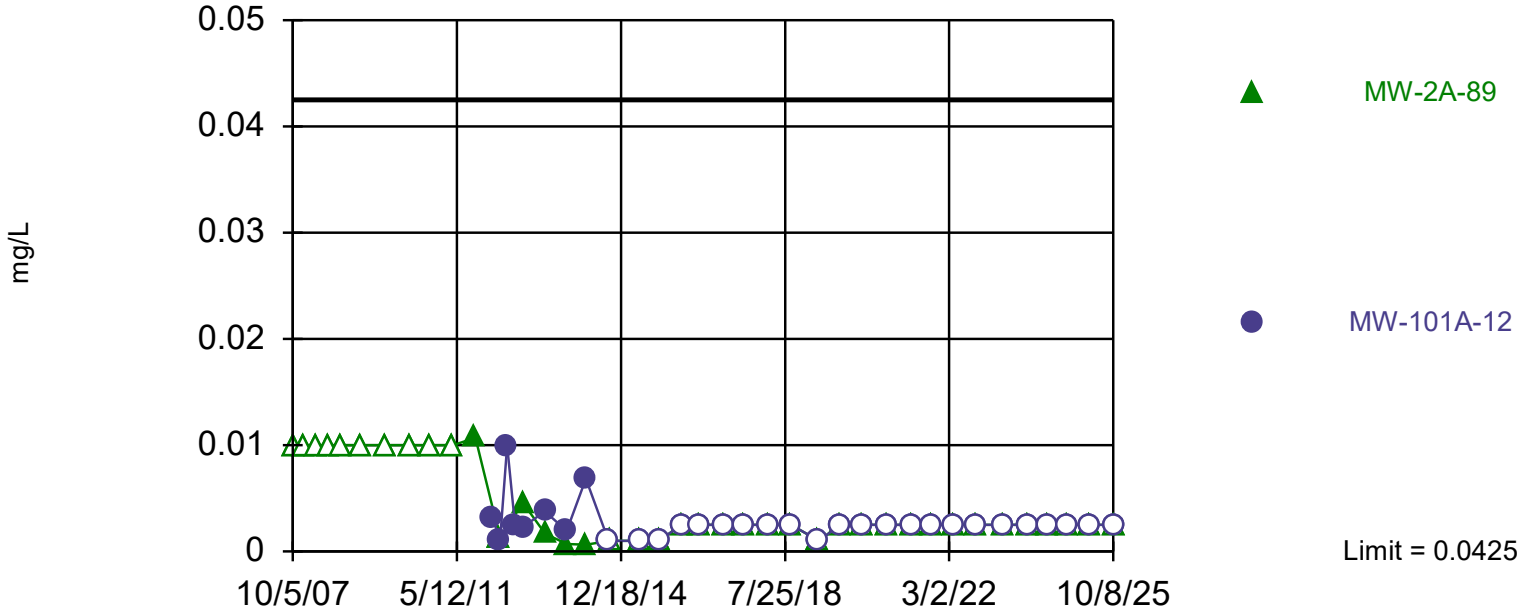
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring
Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 69.82% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Copper Analysis Run 12/2/2025 9:45 AM

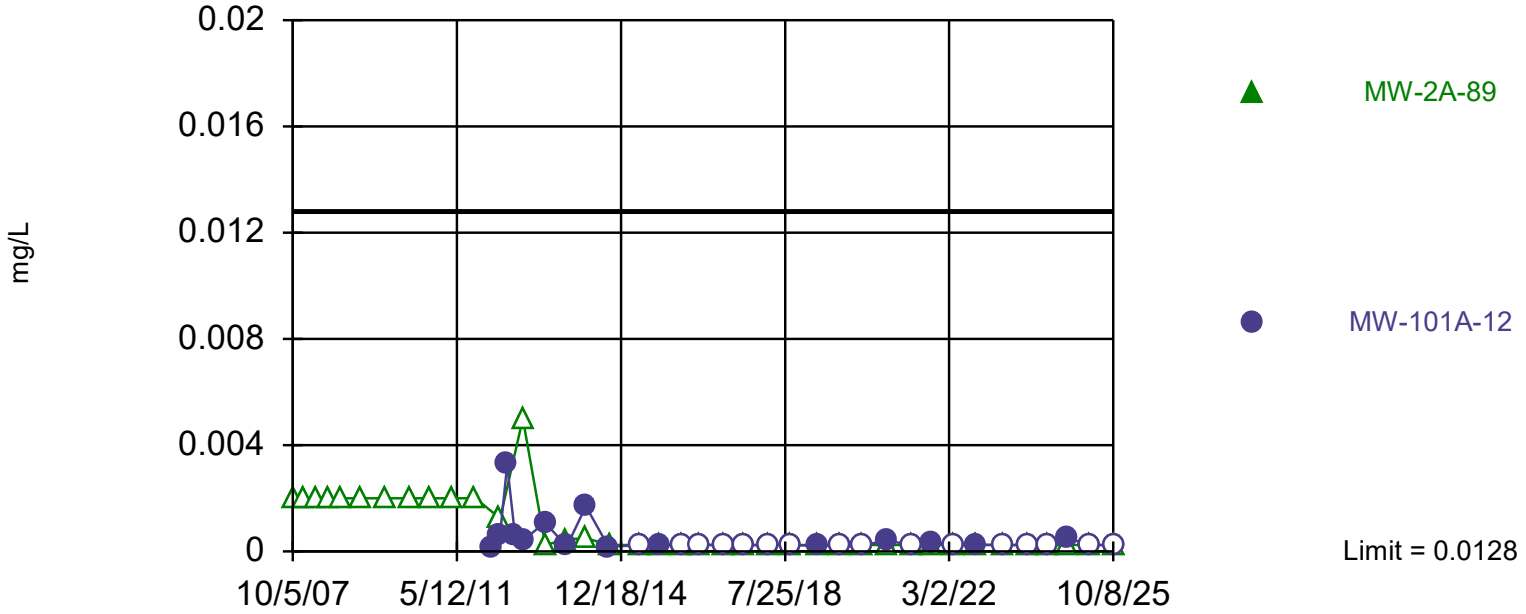
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 79.29% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Lead Analysis Run 12/2/2025 9:45 AM

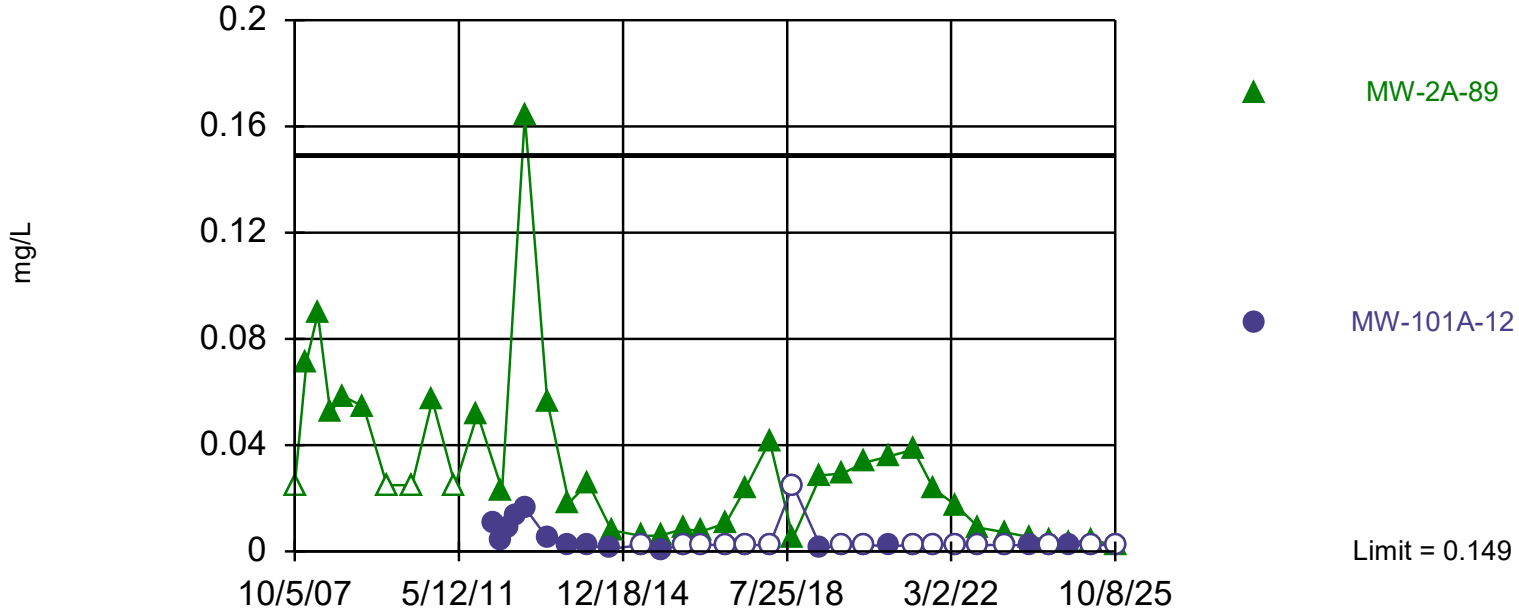
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. 35.33% NDs. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Nickel Analysis Run 12/2/2025 9:45 AM

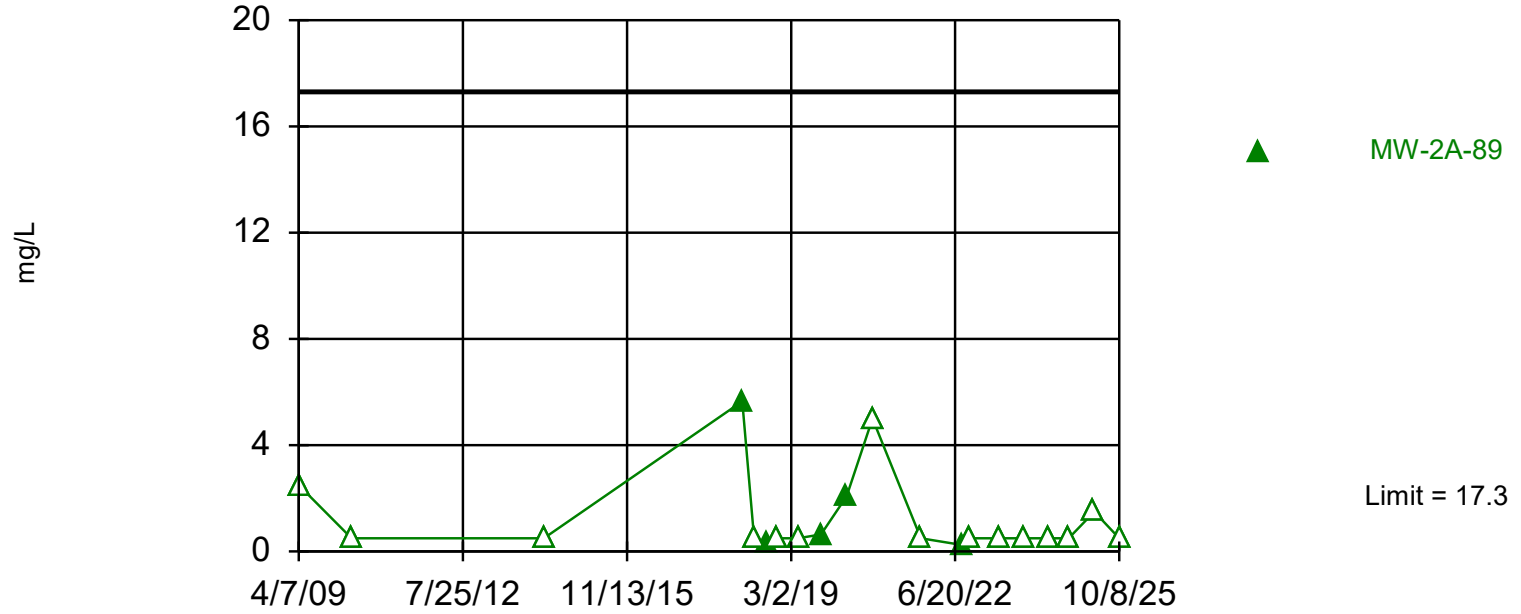
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 101 background values. 92.08% NDs. Annual per-constituent alpha = 0.01128. Individual comparison alpha = 0.000567 (1 of 2).

Constituent: Sulfide Analysis Run 12/2/2025 9:45 AM

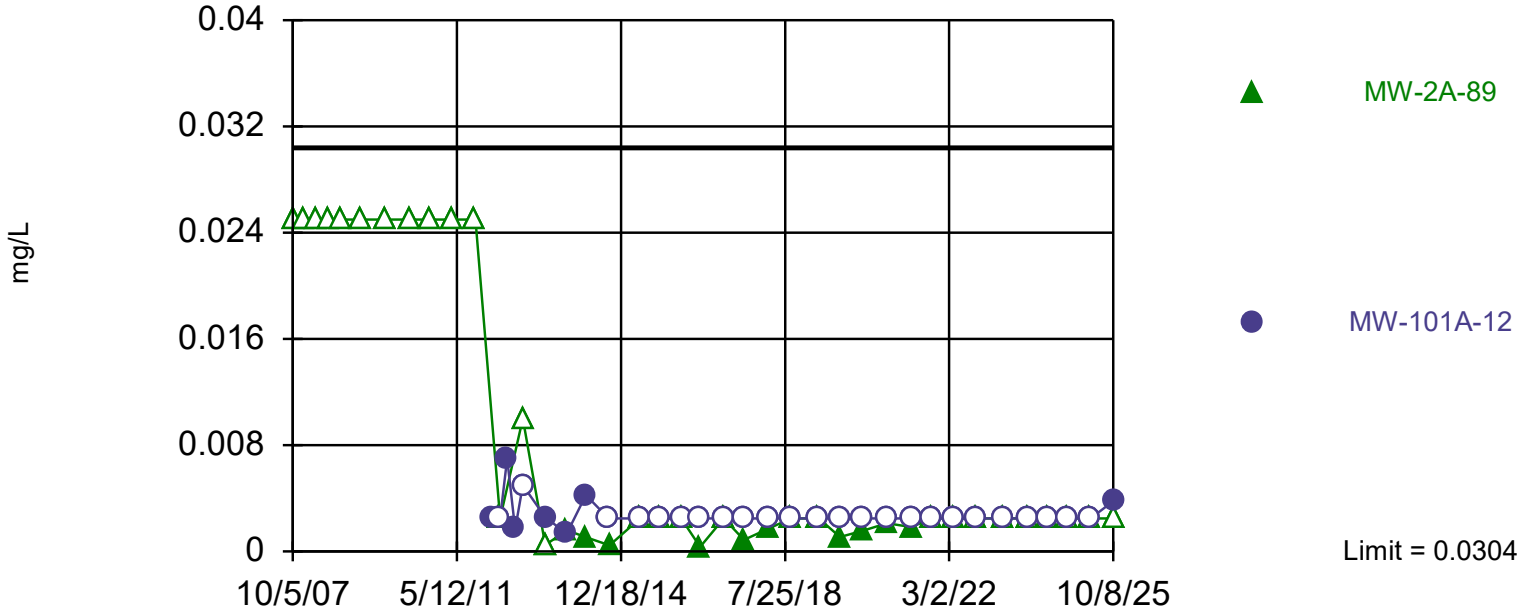
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 169 background values. 57.99% NDs. Annual per-constituent alpha = 0.004142. Individual comparison alpha = 0.0002075 (1 of 2).

Constituent: Vanadium Analysis Run 12/2/2025 9:45 AM

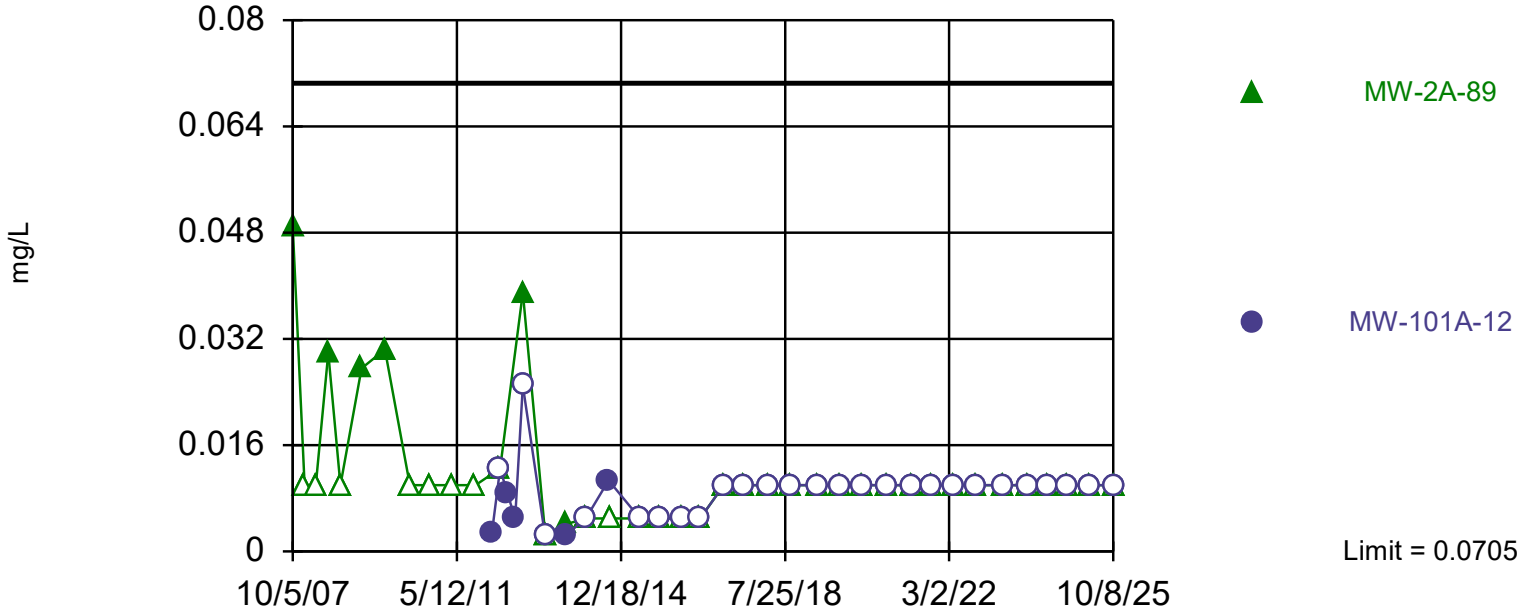
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Corrective Action Monitoring Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is second highest of 170 background values. 83.53% NDs. Annual per-constituent alpha = 0.004095. Individual comparison alpha = 0.0002051 (1 of 2).

Constituent: Zinc Analysis Run 12/2/2025 9:45 AM

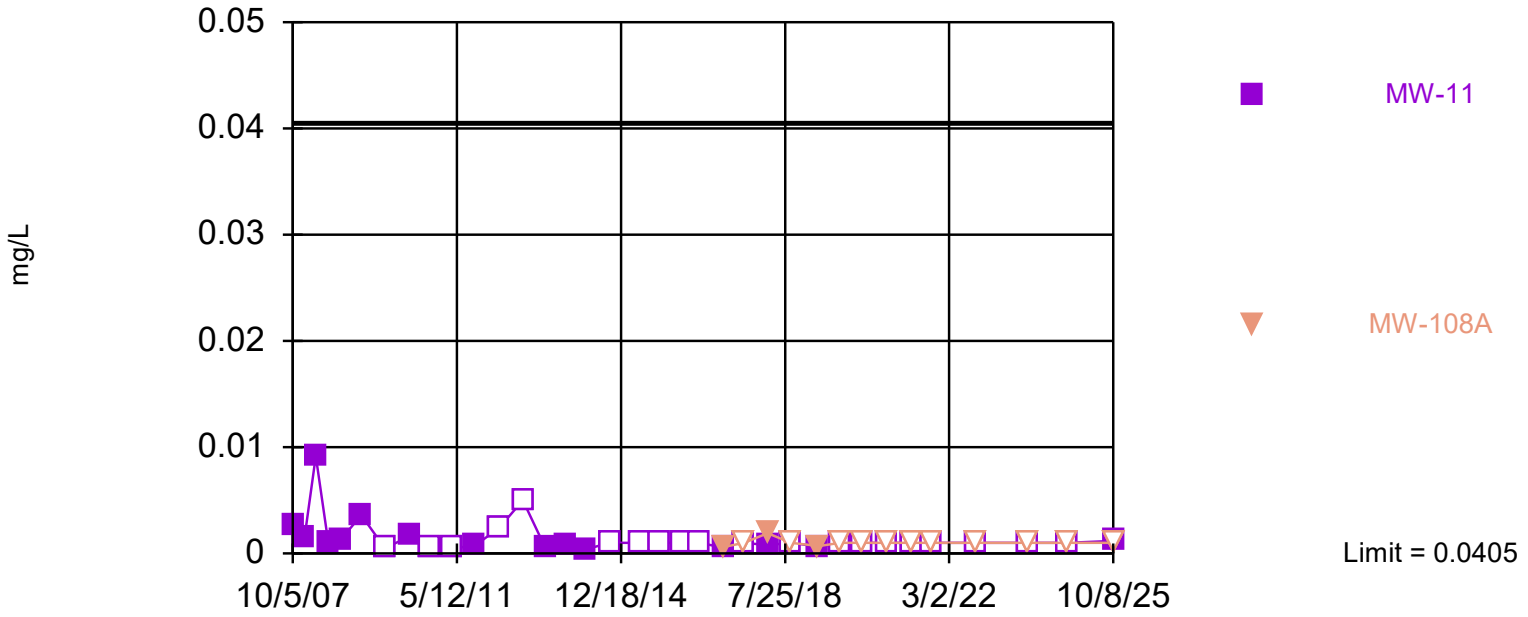
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Delineation Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 162 background values. 30.25% NDs. Annual per-constituent alpha = 0.004473. Individual comparison alpha = 0.0002241 (1 of 2).

Constituent: Arsenic Analysis Run 12/2/2025 9:46 AM

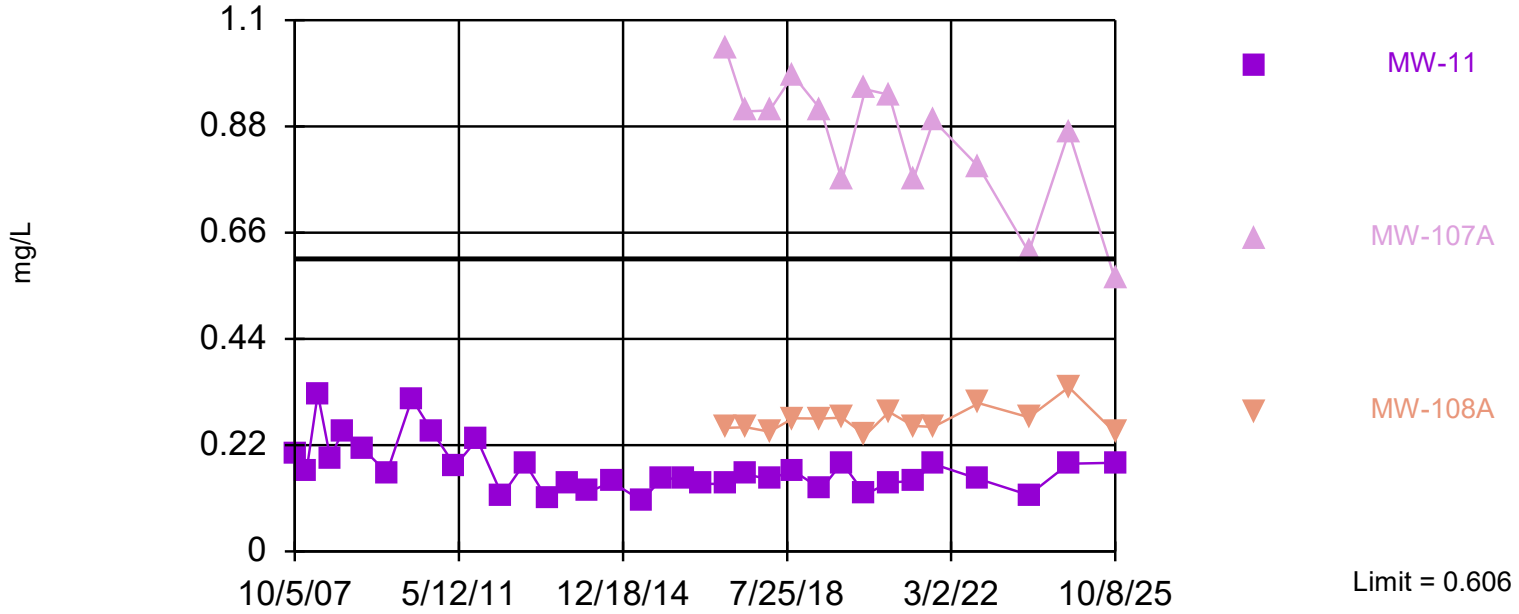
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Within Limit

Prediction Limit - Delineation Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is second highest of 167 background values. Annual per-constituent alpha = 0.004237. Individual comparison alpha = 0.0002123 (1 of 2).

Constituent: Barium Analysis Run 12/2/2025 9:46 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Attachment 3

Sanitas Report Output for Double Quantification Rule Evaluations

Sanitas™ v.10.1.03a Software licensed to Foth Infrastructure & Environment, LLC. UG

Data Screening - Detection Monitoring

Analysis Run 12/1/2025 3:02 PM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

A listing of detects for 207 constituents in GUA-1-2, MW-3-89, MW-4A-89, MW-6-89, MW-8A-89, and MW-105A-12 in October 2025:

-none-

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Data Screening - Assessment Monitoring

Analysis Run 12/1/2025 3:48 PM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

A listing of detects for 207 constituents in MW-1-89, MW-4B-89, MW-5-89, MW-9-92, MW-102A-12, MW-103A-12, and MW-104A-12 in October 2025:

1,1-Dichloroethane, MW-9-92, 10/8/2025: 4.32 ug/L
Benzene, MW-4B-89, 10/8/2025: 1.12 ug/L
Benzene, MW-9-92, 10/8/2025: 1.24 ug/L
Chlorobenzene, MW-4B-89, 10/8/2025: 1.29 ug/L

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A listing of detects for 207 constituents in MW-2A-89 and MW-101A-12 in October 2025:

1,1-Dichloroethane, MW-101A-12, 10/8/2025: 7.02 ug/L
1,2-Dichloropropane, MW-101A-12, 10/8/2025: 2.59 ug/L
Benzene, MW-101A-12, 10/8/2025: 0.578 ug/L
Chlorobenzene, MW-101A-12, 10/8/2025: 5.36 ug/L
cis-1,2-Dichloroethene, MW-101A-12, 10/8/2025: 14.5 ug/L
Tetrachloroethene, MW-101A-12, 10/8/2025: 1.03 ug/L

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Data Screening - Delineation Monitoring
Assessment Constituents

Analysis Run 12/1/2025 9:54 AM
Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

A listing of detects for 207 constituents in MW-11, MW-101B, MW-107A, and MW-108A in October 2025:

-none-

Attachment 4
Sanitas Report Output for Confidence Interval Calculations & Confidence Bands around a Trend Line

Calculation of Arsenic Upper Tolerance Limit with 95% Coverage and 95% Confidence [1]

Constituent Name	Upper Limit	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method	Minimum Achieved Coverage
Arsenic (mg/L)	0.0461	162	n/a	n/a	30	n/a	n/a	0.00008206	NP Inter(normality)	98.2%

[1] Interwell tolerance limit data consists of the detected Appendix I and II parameters in the combined MW-15-10R, MW-16-03, MW-20-03, MW-22A-03, MW-23-03, and MW-106A-12 data set. Note that background data set adjustments were incorporated in accordance with Section 3.1 of the Fall 2025 Statistical Evaluation memo.

Confidence Interval

Constituent Name	Well	Upper Limit	Lower Limit	Compliance Limit [1]	Exceed [2]	N	Mean	Standard Deviation	CV	Achieve 50% Power at R=1.5 [3,4]	Achieve 80% Power at R=2.0 [3,4]	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Assessment Monitoring Locations																
1,1-Dichloroethane (ug/L)	MW-9-92	9.3	3.5	140	No	40	8.0	7.4	0.92	<0.01	<0.01	20	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-9-92	0.0056	0.0010	0.0461	No	40	0.0208	0.0364	1.75	<0.01	<0.01	28	None	No	0.01	NP (normality)
Arsenic (mg/L)	MW-102A-12	0.0822	0.0419	0.0461	No	29	0.0620	0.0440	0.71	<0.01	<0.01	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-104A-12	0.0237	0.0057	0.0461	No	30	0.0190	0.0176	0.92	<0.01	<0.01	3	None	No	0.01	NP (normality)
Barium (mg/L)	MW-4B-89	0.75	0.63	2	No	37	0.69	0.12	0.17	<0.01	<0.01	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-5-89	0.69	0.46	2	No	40	0.61	0.21	0.35	<0.01	<0.01	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-9-92	0.38	0.24	2	No	40	0.36	0.21	0.58	<0.01	<0.01	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-102A-12	0.77	0.43	2	No	28	0.60	0.36	0.59	<0.01	<0.01	0	None	No	0.01	Param.
Barium (mg/L)	MW-103A-12	0.59	0.42	2	No	31	0.50	0.20	0.39	<0.01	<0.01	0	None	No	0.01	Param.
Benzene (ug/L)	MW-4B-89	1.15	0.81	5	No	37	0.98	0.43	0.43	<0.01	<0.01	3	None	No	0.01	Param.
Benzene (ug/L)	MW-9-92	0.94	0.42	5	No	40	0.80	0.55	0.69	<0.01	<0.01	23	None	No	0.01	NP (normality)
Chlorobenzene (ug/L)	MW-4B-89	1.0	0.5	100	No	37	0.9	0.7	0.77	<0.01	<0.01	57	None	No	0.01	NP (normality)
Corrective Action Monitoring Locations - Assessment Constituents																
1,1-Dichloroethane (ug/L)	MW-101A-12	18.8	9.5	140	No	31	14.8	5.1	0.34	<0.01	<0.01	0	None	No	0.01	NP (normality)
1,2-Dichloropropane (ug/L)	MW-101A-12	3.96	2.69	5	No	8	3.32	0.60	0.18	<0.01	<0.01	0	None	No	0.01	Param.
Barium (mg/L)	MW-2A-89	1.28	0.94	2	No	7	1.11	0.14	0.13	<0.01	<0.01	0	None	No	0.01	Param.
Barium (mg/L)	MW-101A-12	0.82	0.70	2	No	31	0.76	0.13	0.17	<0.01	<0.01	0	None	No	0.01	Param.
Benzene (ug/L)	MW-101A-12	0.99	0.74	5	No	31	0.87	0.28	0.33	<0.01	<0.01	0	None	No	0.01	Param.
Chlorobenzene (ug/L)	MW-101A-12	2.9	0.5	100	No	31	1.8	1.6	0.93	<0.01	<0.01	39	None	No	0.01	NP (normality)
cis-1,2-Dichloroethene (ug/L)	MW-101A-12	44.4	30.5	70	No	31	37.5	15.7	0.42	<0.01	<0.01	0	None	No	0.01	Param.
Tetrachloroethene (ug/L)	MW-101A-12	2.58	1.27	5	No	12	1.93	0.97	0.50	0.02	0.01	0	None	No	0.02	Param.
Corrective Action Monitoring Locations - Corrective Action Constituents																
Arsenic (mg/L)	MW-2A-89	0.1520	0.1020	0.0461	Yes	39	0.1415	0.0987	0.70	N/A	N/A	0	None	No	0.1	NP (normality)
Trichloroethene (ug/L)	MW-101A-12	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Apr. 2016.														
Vinyl Chloride (ug/L)	MW-101A-12	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Mar. 2014.														
Arsenic (mg/L)	MW-107A	0.1557	0.1107	0.0461	Yes	14	0.1332	0.0624	0.47	N/A	N/A	0	None	No	0.1	Param.

[1] Value is the 40 CFR Part 141 Safe Drinking Water Act MCL, the IAC 567 Chapter 137 Statewide Standard for a Protected Groundwater Source, or Background in the case of arsenic. The background GWPS for arsenic is the background upper tolerance limit with 95% confidence and 95% coverage (GWPS = 0.0461 mg/L).

[2] Under assessment mode, an SSL is indicated when the lower confidence limit exceeds the groundwater protection standard (compliance limit).
Under corrective action mode, an SSL is rejected when the upper confidence limit lies below the groundwater protection standard (compliance limit).

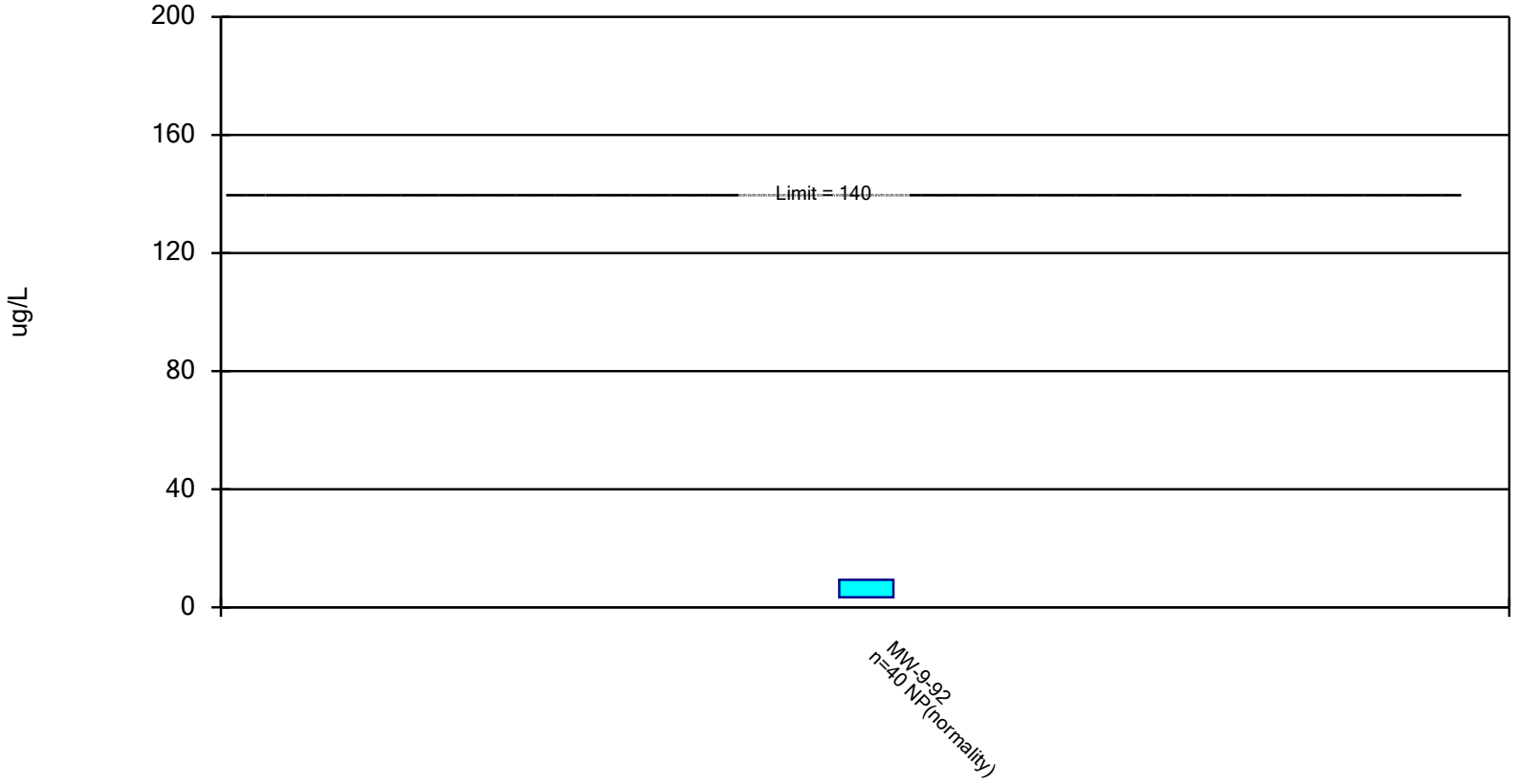
[3] For parametric confidence intervals: Except where otherwise indicated, based on Unified Guidance Equation 22.2, i.e., $\alpha \sim 1 - F_{T,n-1}\left(\frac{(R-1)\sqrt{n}}{R \cdot \widehat{CV}} - t_{1-\beta,n-1}\right)$
where R is the desired risk ratio, n is the sample size, CV is the estimated sample coefficient of variation, $t_{1-b,n-1}$ is the (1–b) Student's t-quantile with (n–1) degrees of freedom, and F is the cumulative (central) Student's t-distribution function.

[4] For non-parametric confidence intervals: Based on Unified Guidance Equation 22.1, i.e., $1-\beta = G_{T,n-1}(t_{1-\alpha,n-1}|\Delta = \sqrt{n}(R-1))$
where R is the desired risk ratio, $t_{1-a,n-1}$ is the (1–a) Student's t-quantile with (n–1) degrees of freedom and G represents the cumulative non-central t-distribution with (n–1) degrees of freedom and noncentrality parameter D.

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Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.



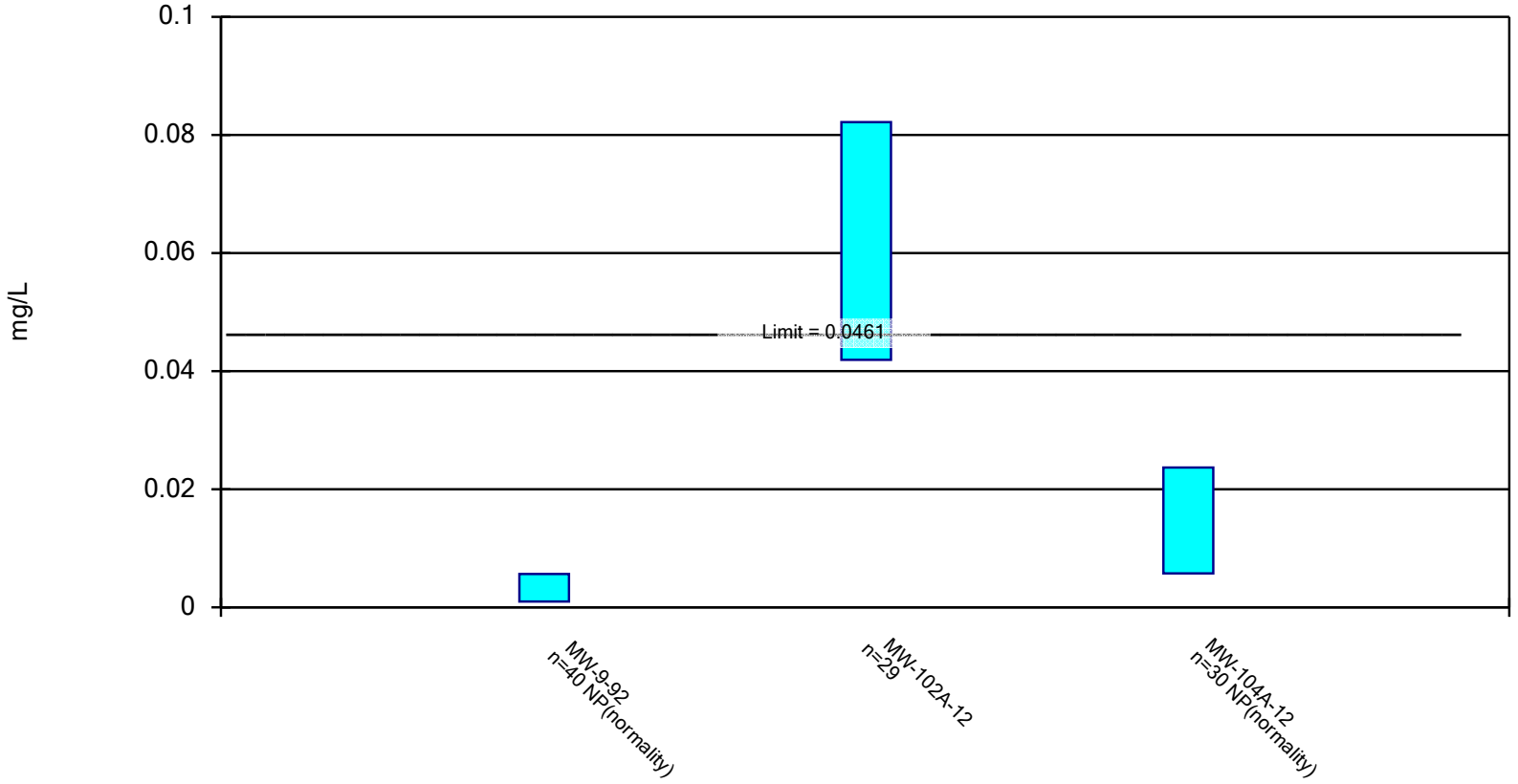
Constituent: 1,1-Dichloroethane Analysis Run 12/3/2025 10:17 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric and Non-Parametric (NP) Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



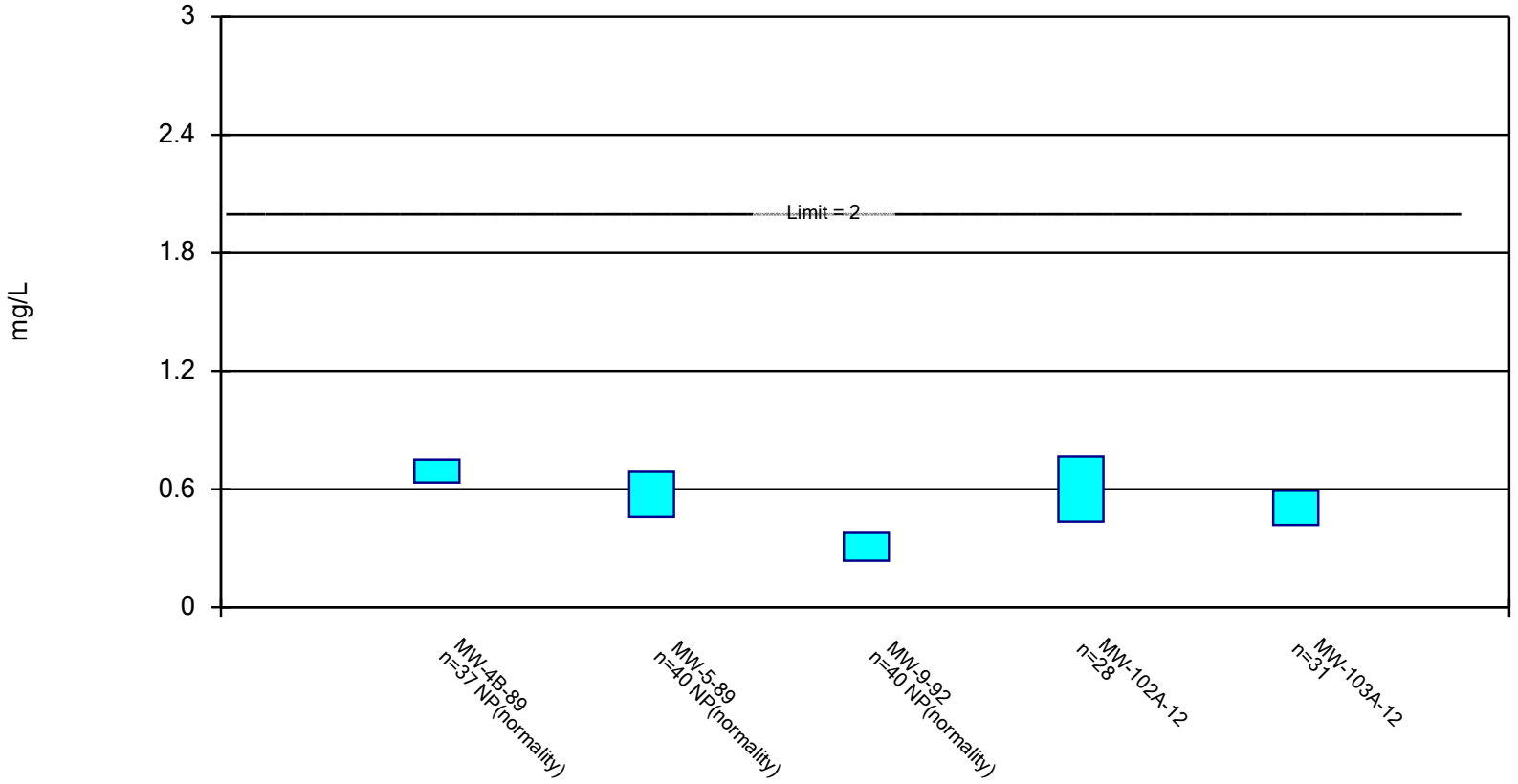
Constituent: Arsenic Analysis Run 12/3/2025 10:17 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric and Non-Parametric (NP) Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



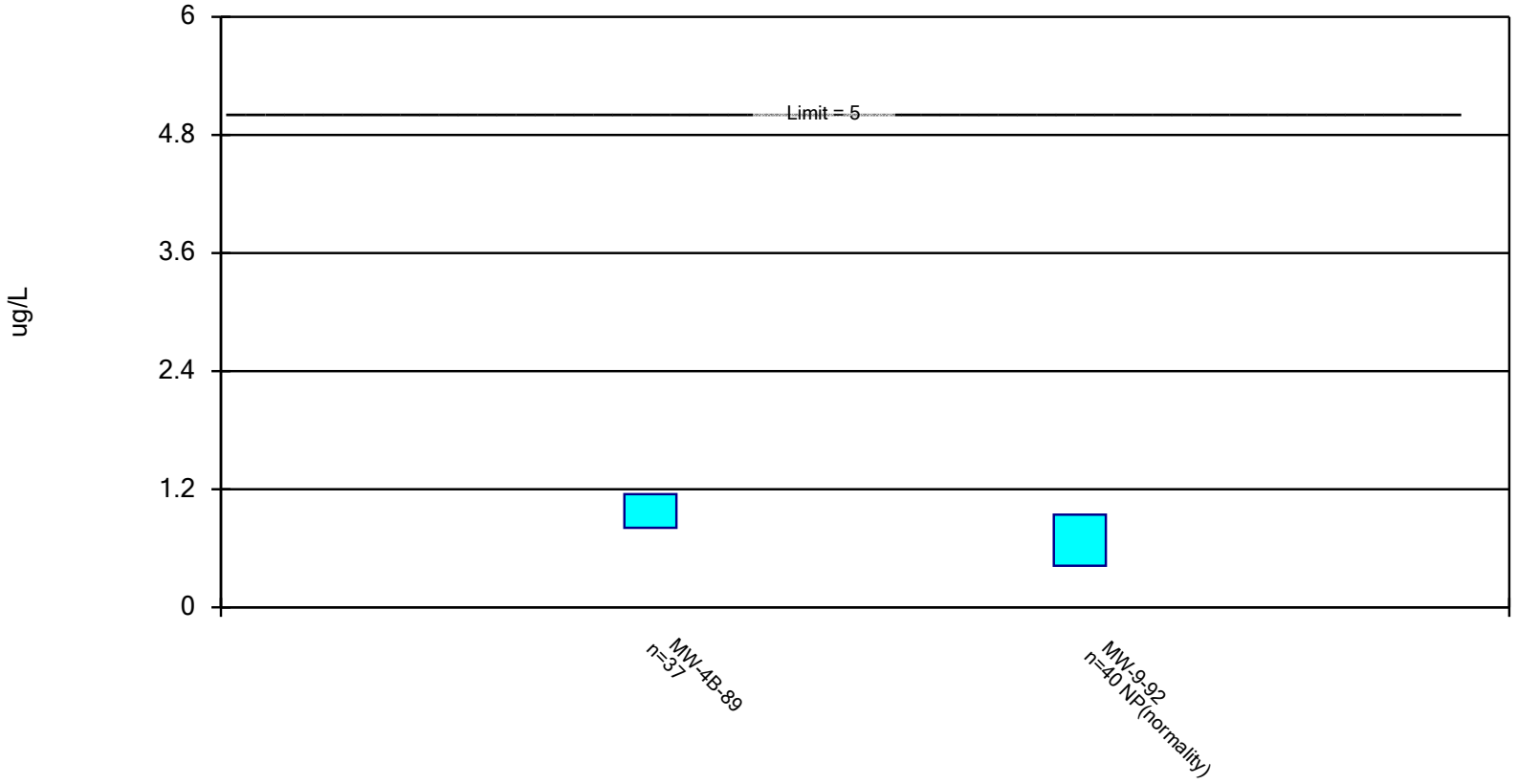
Constituent: Barium Analysis Run 12/3/2025 10:17 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric and Non-Parametric (NP) Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



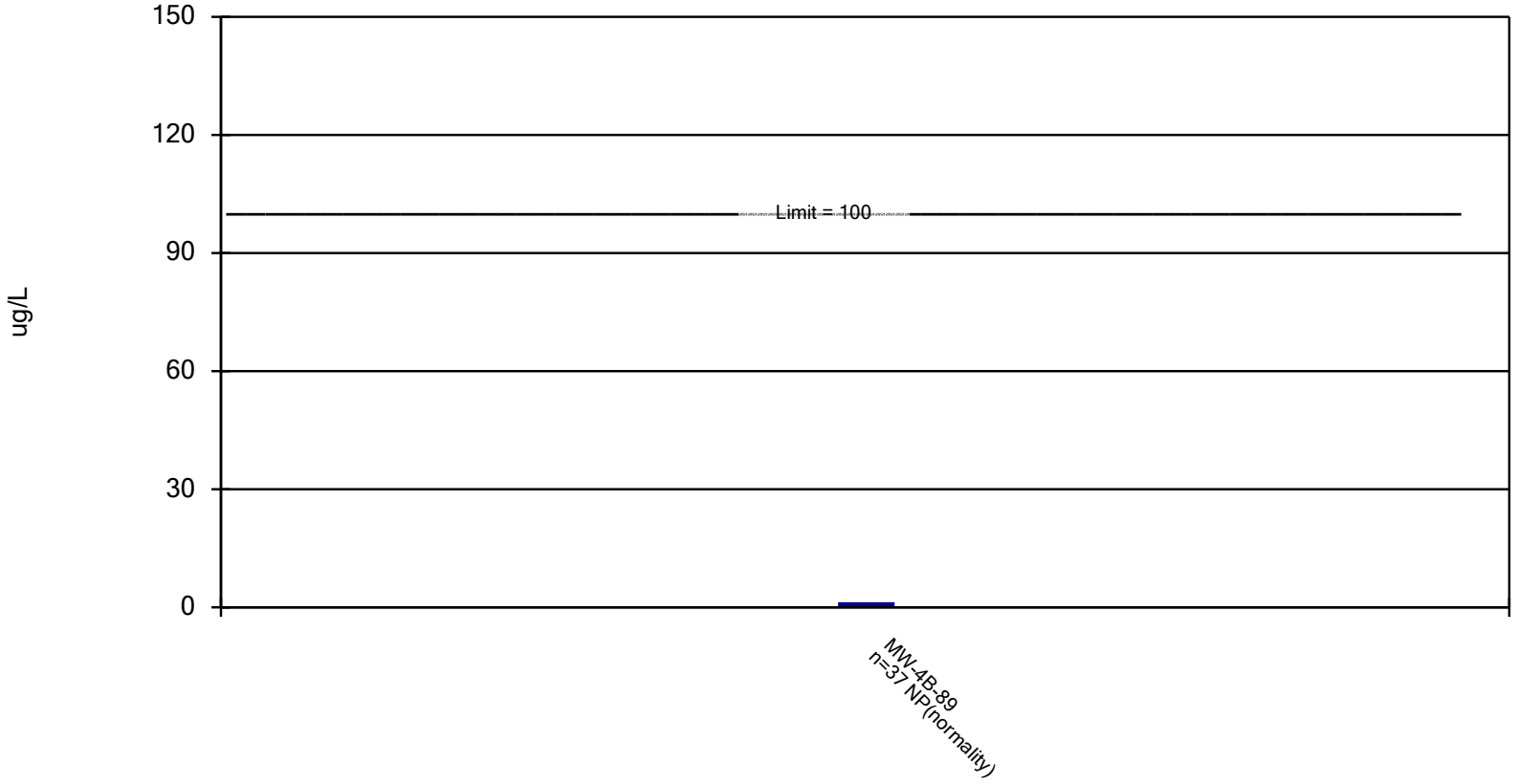
Constituent: Benzene Analysis Run 12/3/2025 10:17 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.



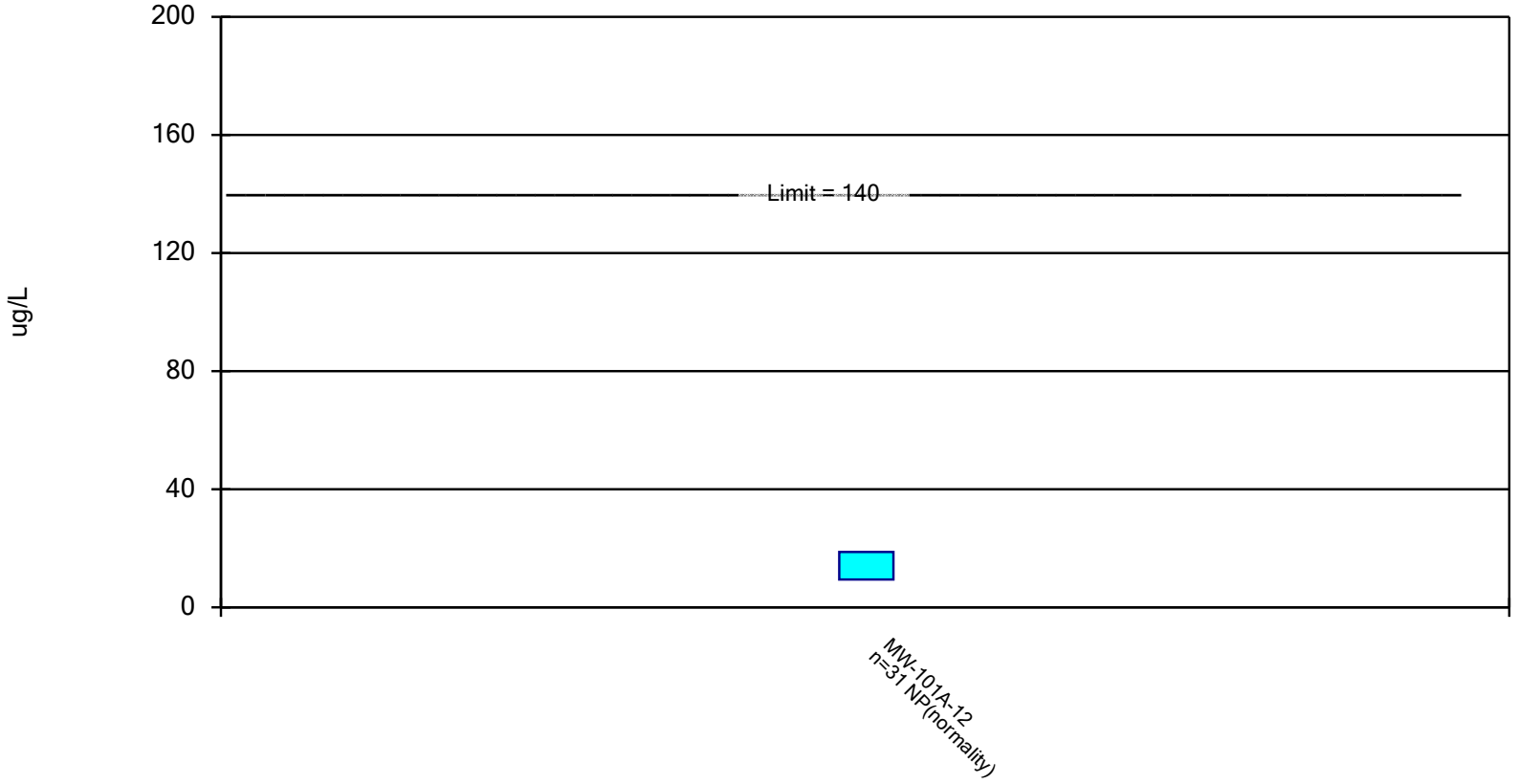
Constituent: Chlorobenzene Analysis Run 12/3/2025 10:17 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Non-Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01.



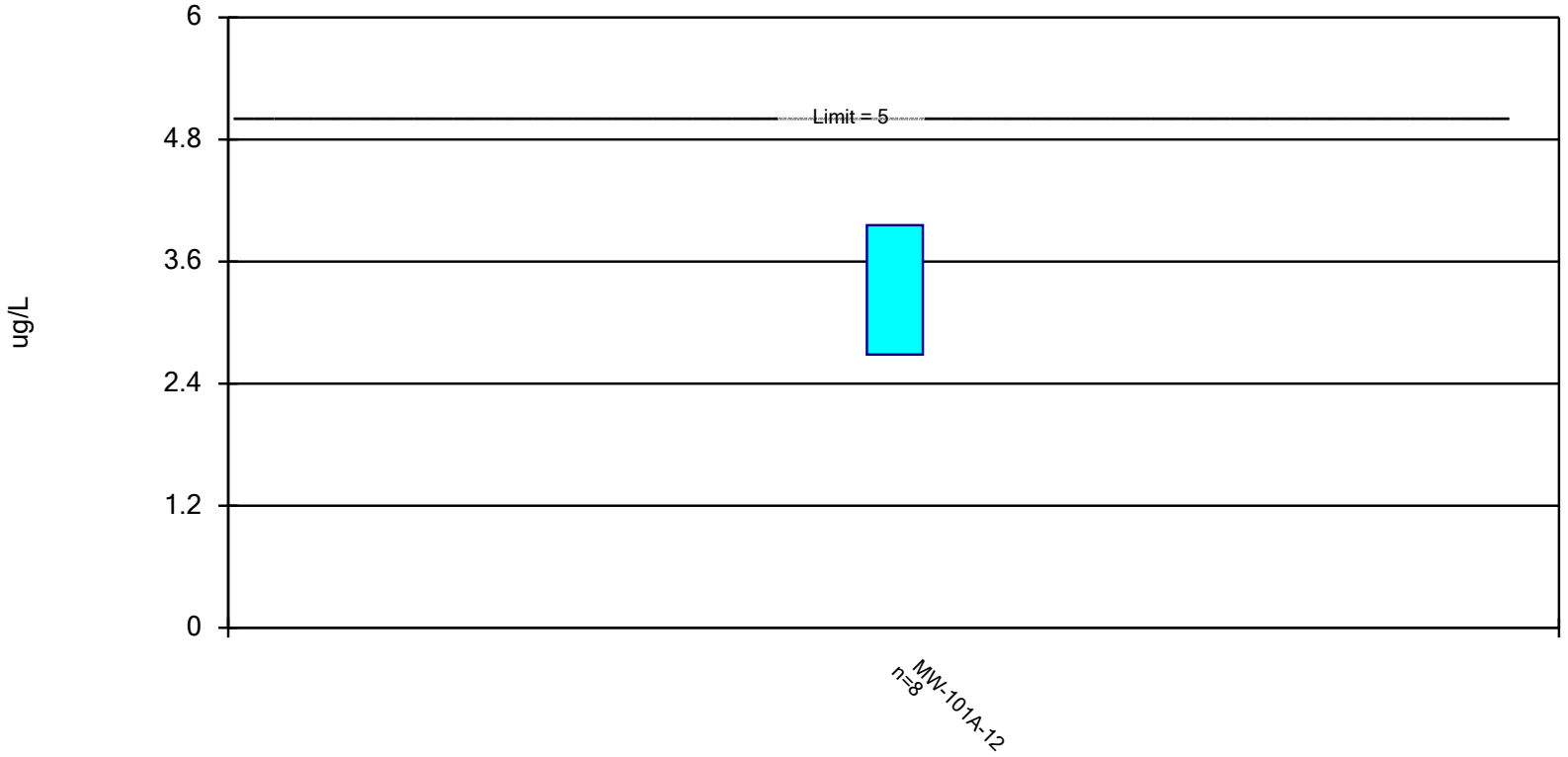
Constituent: 1,1-Dichloroethane Analysis Run 12/3/2025 10:24 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



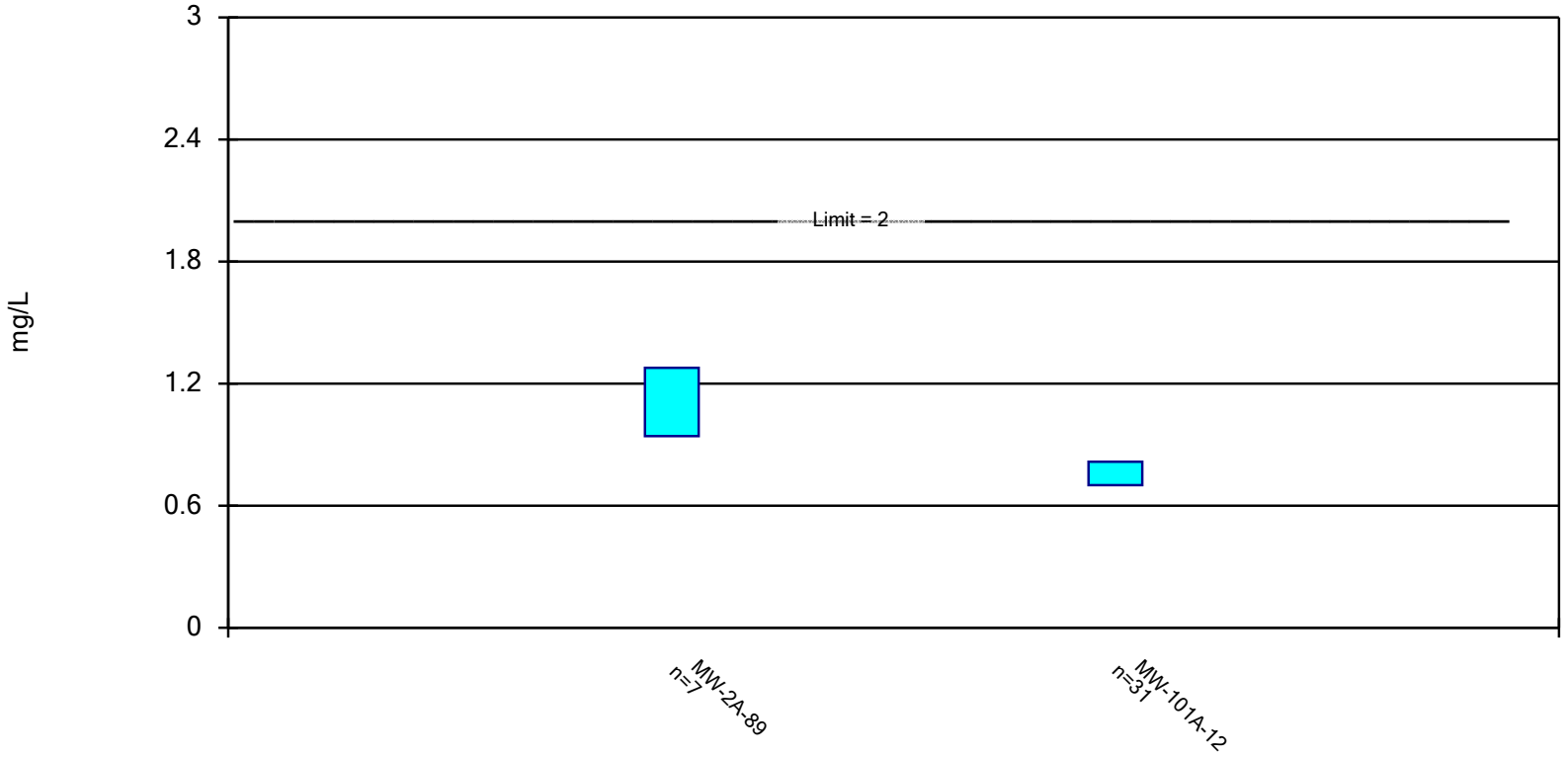
Constituent: 1,2-Dichloropropane Analysis Run 12/3/2025 10:22 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 12/3/2025 10:22 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



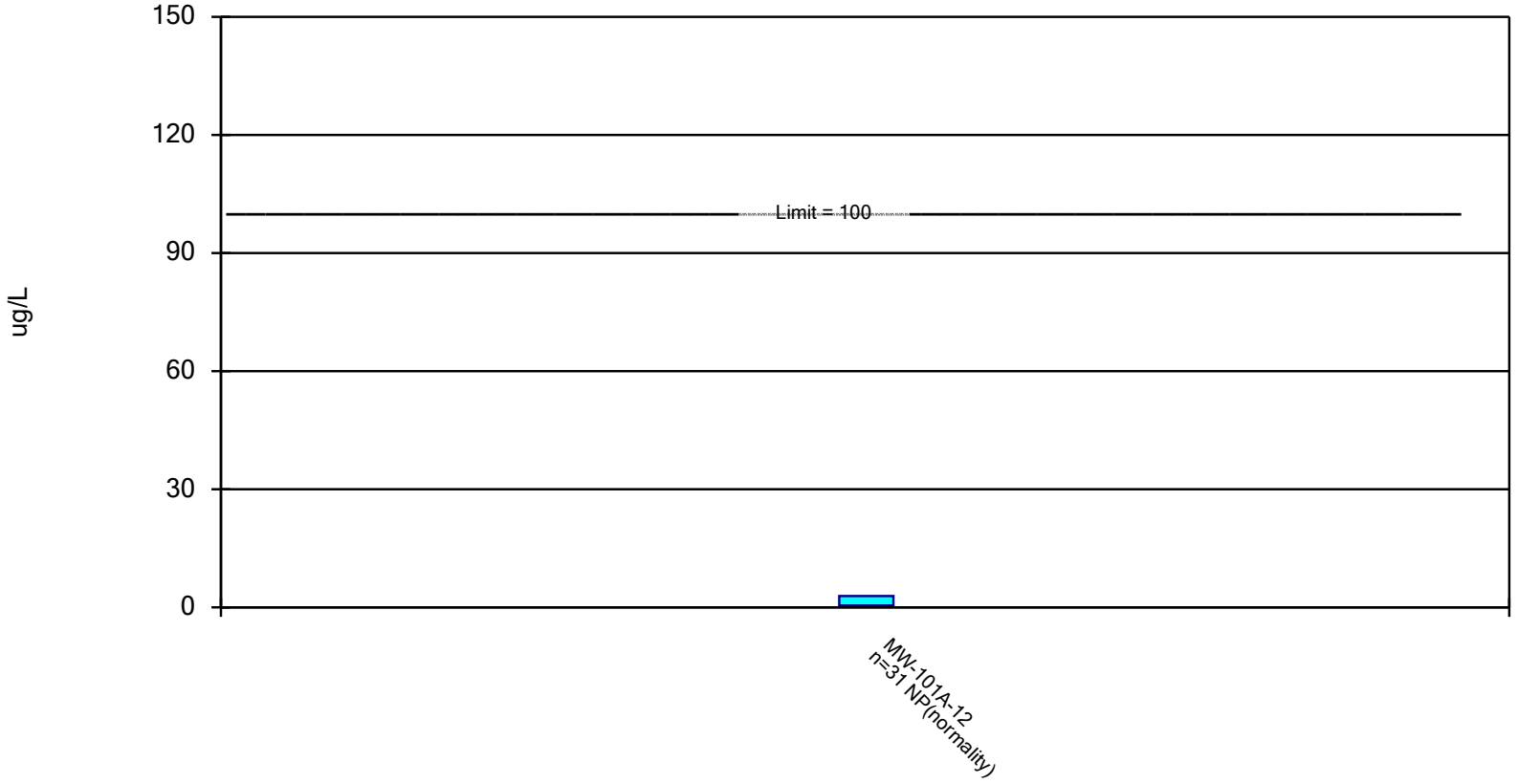
Constituent: Benzene Analysis Run 12/3/2025 10:22 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Non-Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01.



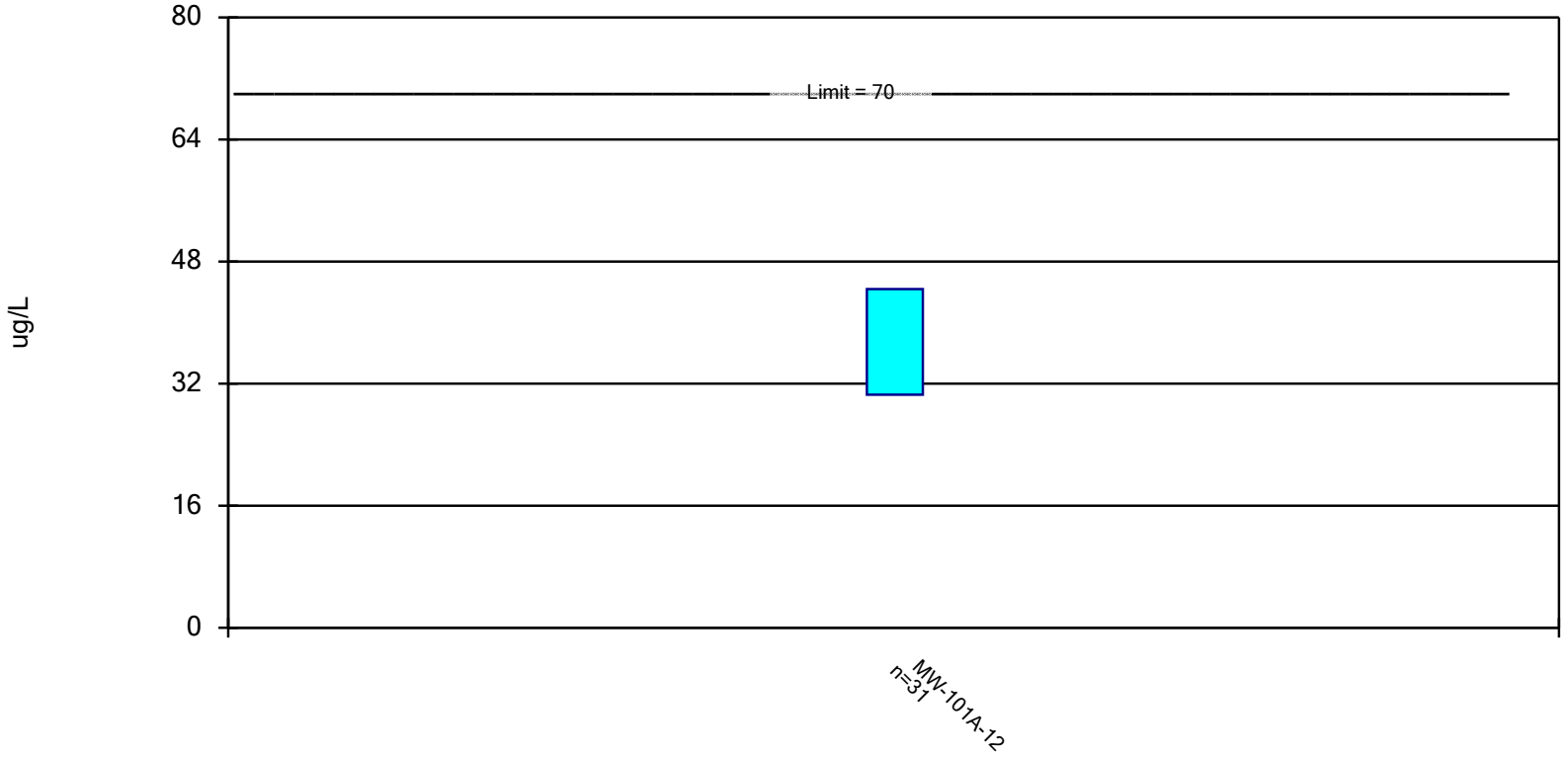
Constituent: Chlorobenzene Analysis Run 12/3/2025 10:22 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



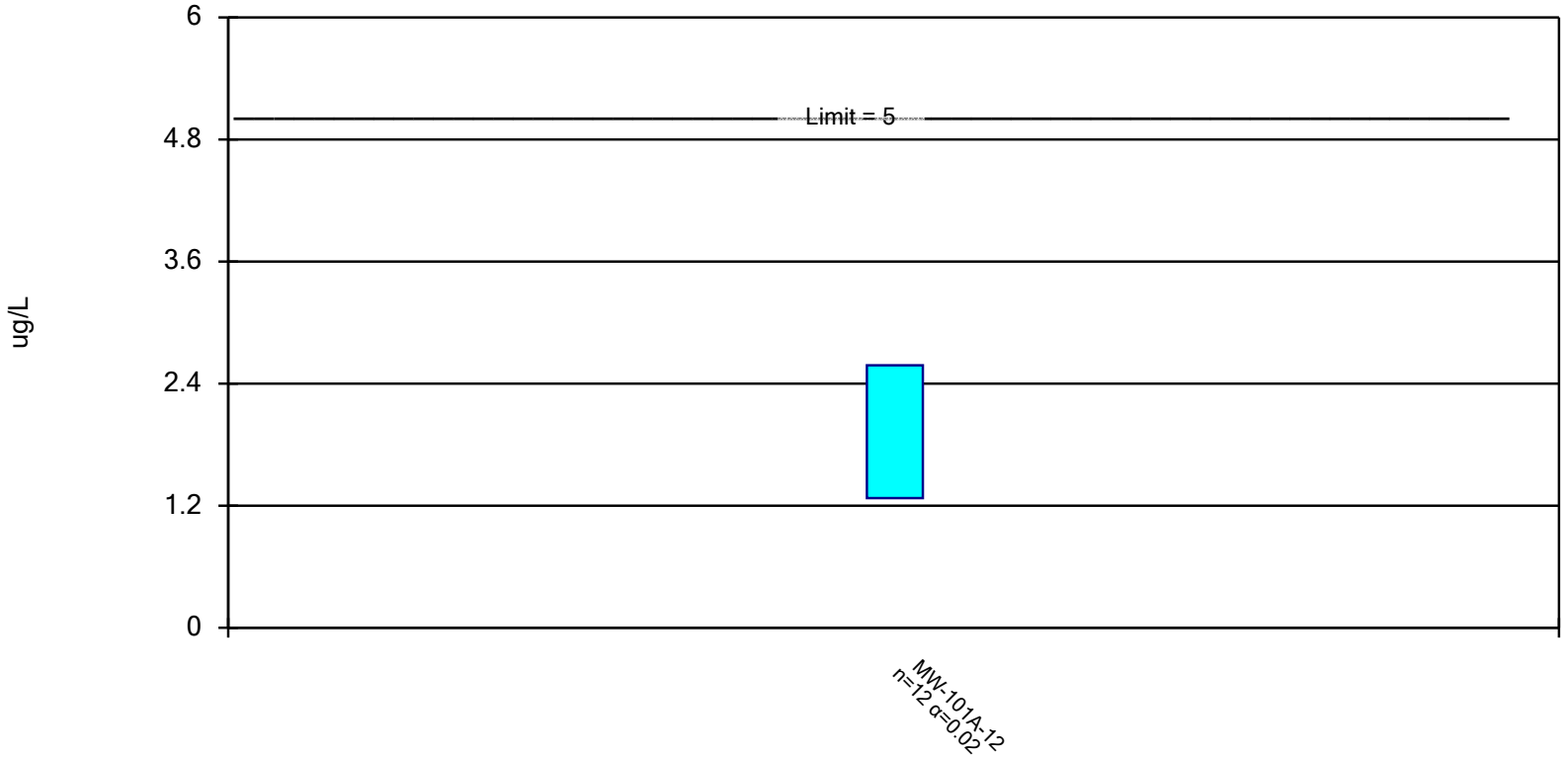
Constituent: cis-1,2-Dichloroethene Analysis Run 12/3/2025 10:22 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

Compliance Limit is not exceeded. Normality Test: Shapiro Wilk, alpha based on n.



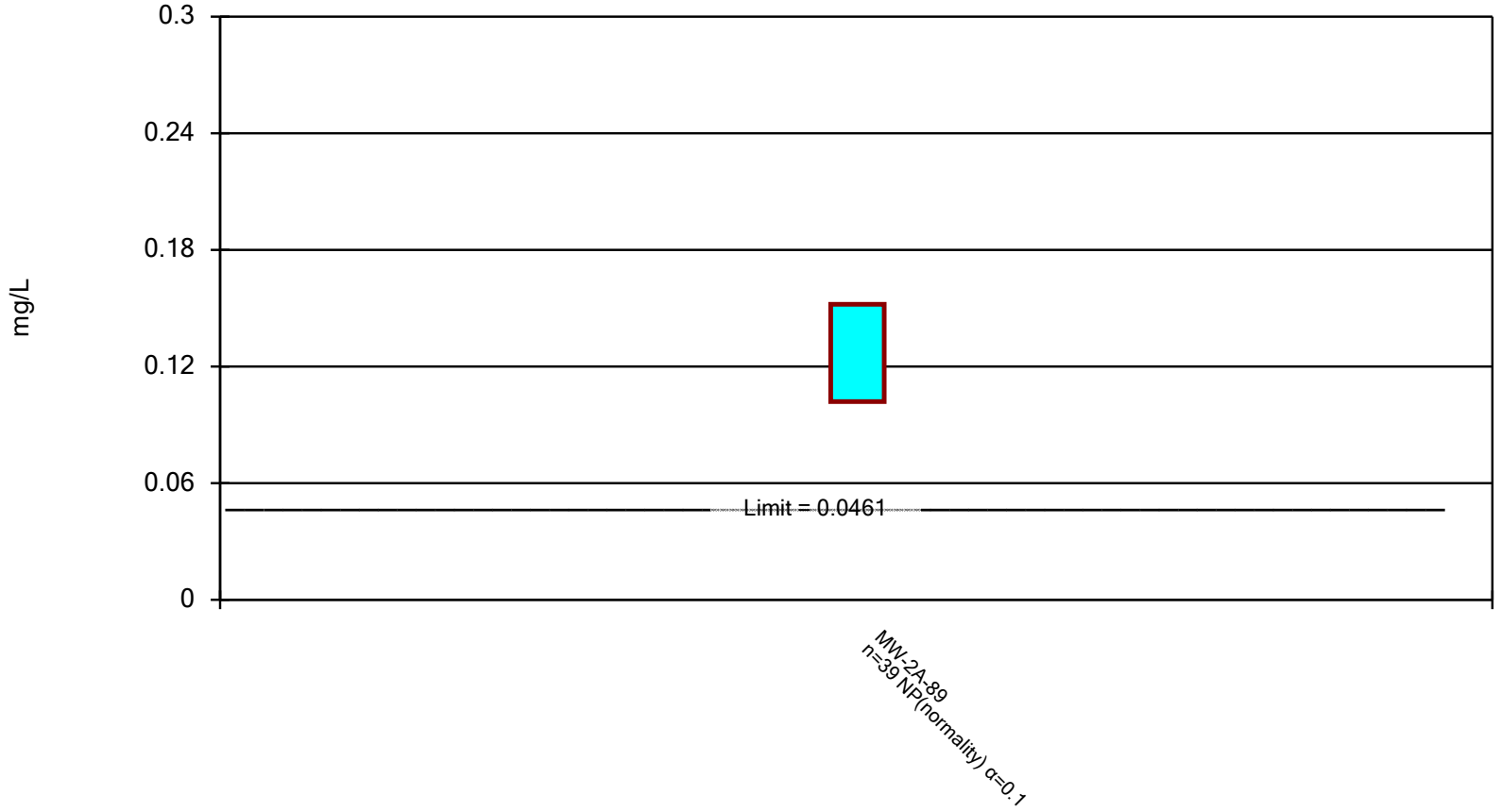
Constituent: Tetrachloroethene Analysis Run 12/3/2025 10:13 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Non-Parametric Confidence Interval, Corrective Action Mode

Compliance limit is exceeded.



Constituent: Arsenic Analysis Run 1/2/2026 11:38 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

MW-101A-12 Trichloroethene Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.95321951
R Square	0.90862743
Adjusted R Square	0.90355118
Standard Error	1.74110003
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	542.6127276	542.6127	178.9957	8.59537E-11
Residual	18	54.56572742	3.031429		
Total	19	597.178455			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	223.479839	15.71059438	14.22479	3.12E-11	190.4731046	256.4865726	190.4731046	256.4865726
X Variable 1	-0.00475166	0.00035516	-13.37893	8.6E-11	-0.00549782	-0.004005494	-0.00549782	-0.004005494

X	Y	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
4/13/2016	21.7	19.90	21.22	18.63	23.18	16.62
9/13/2016	21.5	19.29	20.53	18.10	22.54	16.05
3/21/2017	22.7	18.54	19.68	17.44	21.76	15.33
8/29/2017	20	17.90	18.96	16.88	21.09	14.72
3/7/2018	20.6	17.15	18.11	16.21	20.31	13.99
9/11/2018	16.5	16.41	17.28	15.54	19.54	13.27
4/24/2019	17.9	15.51	16.31	14.73	18.63	12.39
10/9/2019	13.7	14.85	15.59	14.11	17.95	11.74
4/14/2020	14.4	14.10	14.80	13.40	17.20	11.00
10/20/2020	11.8	13.35	14.03	12.67	16.45	10.26
5/3/2021	11.6	12.58	13.26	11.90	15.67	9.48
10/12/2021	9.12	11.93	12.63	11.24	15.03	8.84
4/13/2022	9.82	11.21	11.94	10.48	14.31	8.10
10/11/2022	9.62	10.49	11.28	9.71	13.61	7.37
5/2/2023	9.08	9.69	10.55	8.84	12.82	6.55
11/15/2023	7.19	8.90	9.85	7.98	12.06	5.75
4/30/2024	7.54	8.24	9.27	7.25	11.42	5.06
10/2/2024	7.82	7.63	8.73	6.56	10.83	4.42
4/8/2025	7.42	6.88	8.08	5.72	10.12	3.65
10/8/2026	7.06	4.71	6.22	3.26	8.06	1.36

GWPS = 5 ug/L

Projected Year to Attain Compliance with the GWPS (Assuming Future First Order Attenuation Instead of Linear Decay)

10/30/2027

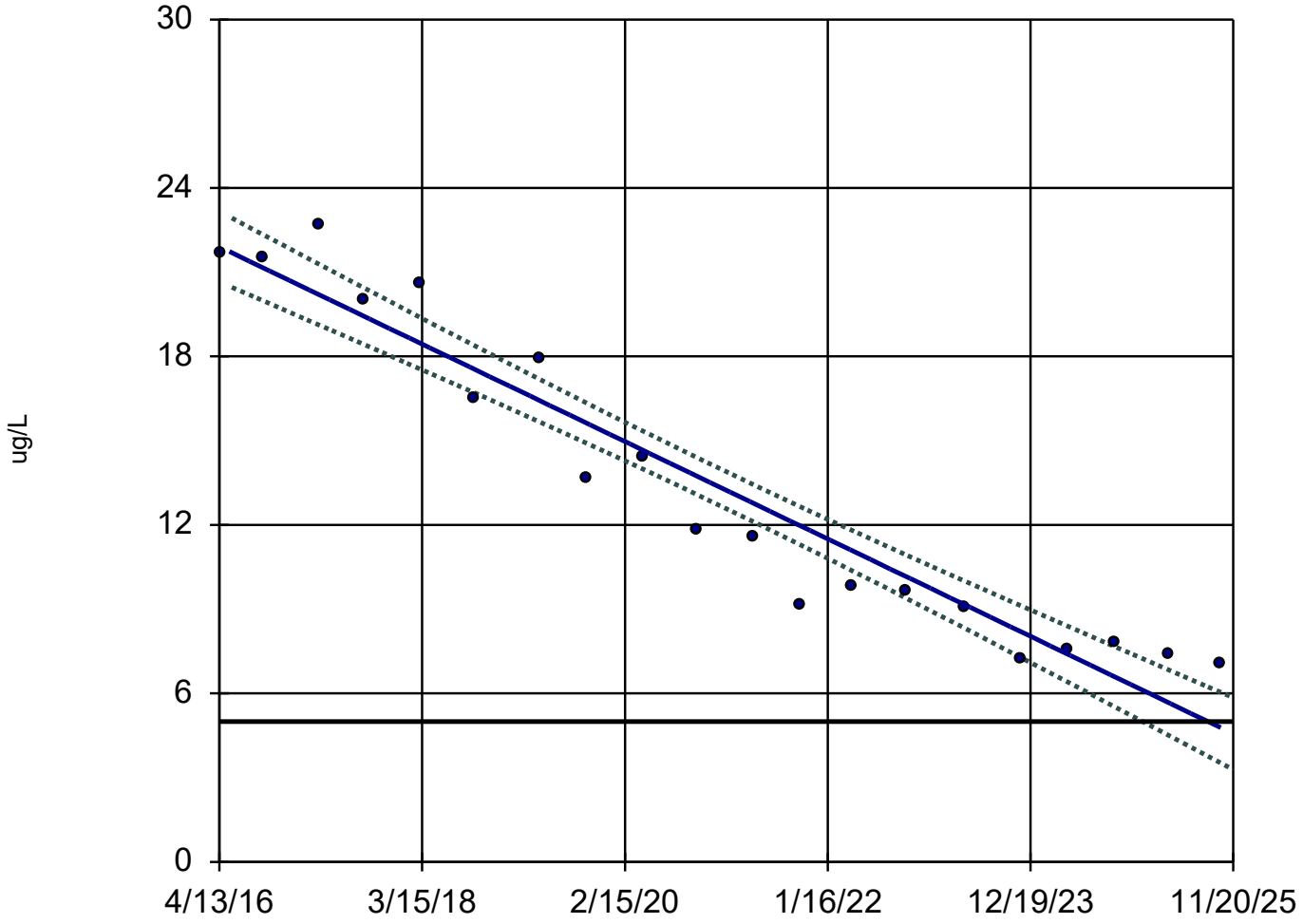
Projected Year to Completion

10/29/2030

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Linear Regression and 90% Confidence Band

MW-101A-12



n = 20

Slope = -1.805
units/year.

alpha = 0.02
t = -15.01
critical = -2.214

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9688, critical
= 0.868.

GWPS = 5.

Constituent: Trichloroethene Analysis Run 12/4/2025 10:56 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

MW-101A-12 Vinyl Chloride Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.95907821
R Square	0.91983101
Adjusted R Square	0.91618697
Standard Error	2.0783885
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1090.379761	1090.38	252.4203	1.5362E-13
Residual	22	95.0333726	4.319699		
Total	23	1185.413133			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	244.236714	14.57705552	16.75487	5.2E-14	214.0057516	274.4676773	214.0057516	274.4676773
X Variable 1	-0.00528171	0.00033244	-15.88774	1.54E-13	-0.005971151	-0.004592276	-0.00597115	-0.004592276

X	Y	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
3/12/2014	25.1	23.94	25.35	22.52	27.77	20.10
9/10/2014	23.4	22.98	24.30	21.65	26.78	19.17
5/19/2015	21	21.65	22.86	20.44	25.42	17.88
10/21/2015	21.3	20.83	21.97	19.69	24.58	17.08
4/13/2016	20.8	19.91	20.97	18.84	23.63	16.18
9/13/2016	18.6	19.10	20.10	18.10	22.81	15.39
3/21/2017	22.9	18.10	19.03	17.17	21.79	14.41
8/29/2017	16.3	17.25	18.13	16.37	20.92	13.57
3/7/2018	19.1	16.25	17.07	15.43	19.91	12.58
3/7/2018	14.9	16.25	17.07	15.43	19.91	12.58
4/24/2019	13.7	14.06	14.81	13.32	17.71	10.42
10/9/2019	9.3	13.18	13.91	12.45	16.82	9.53
4/14/2020	11.3	12.18	12.92	11.45	15.83	8.54
10/20/2020	8.92	11.19	11.93	10.44	14.83	7.54
5/3/2021	8.02	10.16	10.94	9.38	13.81	6.50
10/12/2021	5.9	9.30	10.12	8.48	12.96	5.64
4/13/2022	6.87	8.33	9.20	7.46	12.01	4.66
10/11/2022	8.28	7.38	8.31	6.45	11.07	3.69
5/2/2023	6.29	6.31	7.31	5.30	10.01	2.60
11/15/2023	4.24	5.27	6.35	4.18	9.00	1.53
4/30/2024	4.92	4.38	5.54	3.22	8.14	0.63
10/2/2024	5.57	3.56	4.80	2.33	7.34	-0.21
4/8/2025	5.58	2.57	3.89	1.25	6.38	-1.23
10/8/2025	3.43	1.61	3.01	0.20	5.44	-2.23

GWPS = 2 ug/L

Projected Year to Attain Compliance with the GWPS (Assuming Future First Order Attenuation Instead of Linear Decay)

12/12/2029

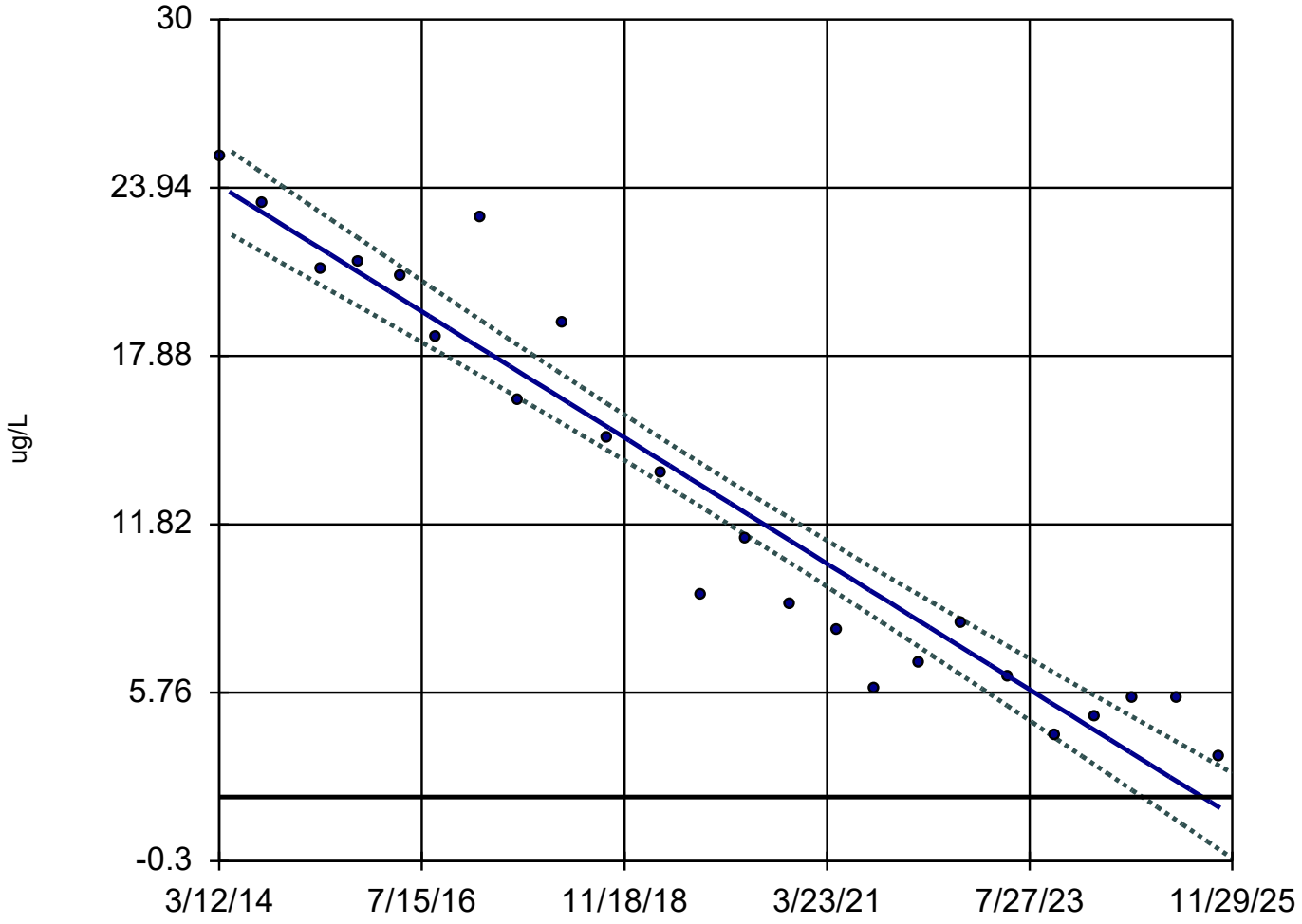
Projected Year to Completion

12/11/2032

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Linear Regression and 90% Confidence Band

MW-101A-12



n = 24

Slope = -1.936
units/year.

alpha = 0.02
t = -16.05
critical = -2.183

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9847, critical
= 0.884.

GWPS = 2.

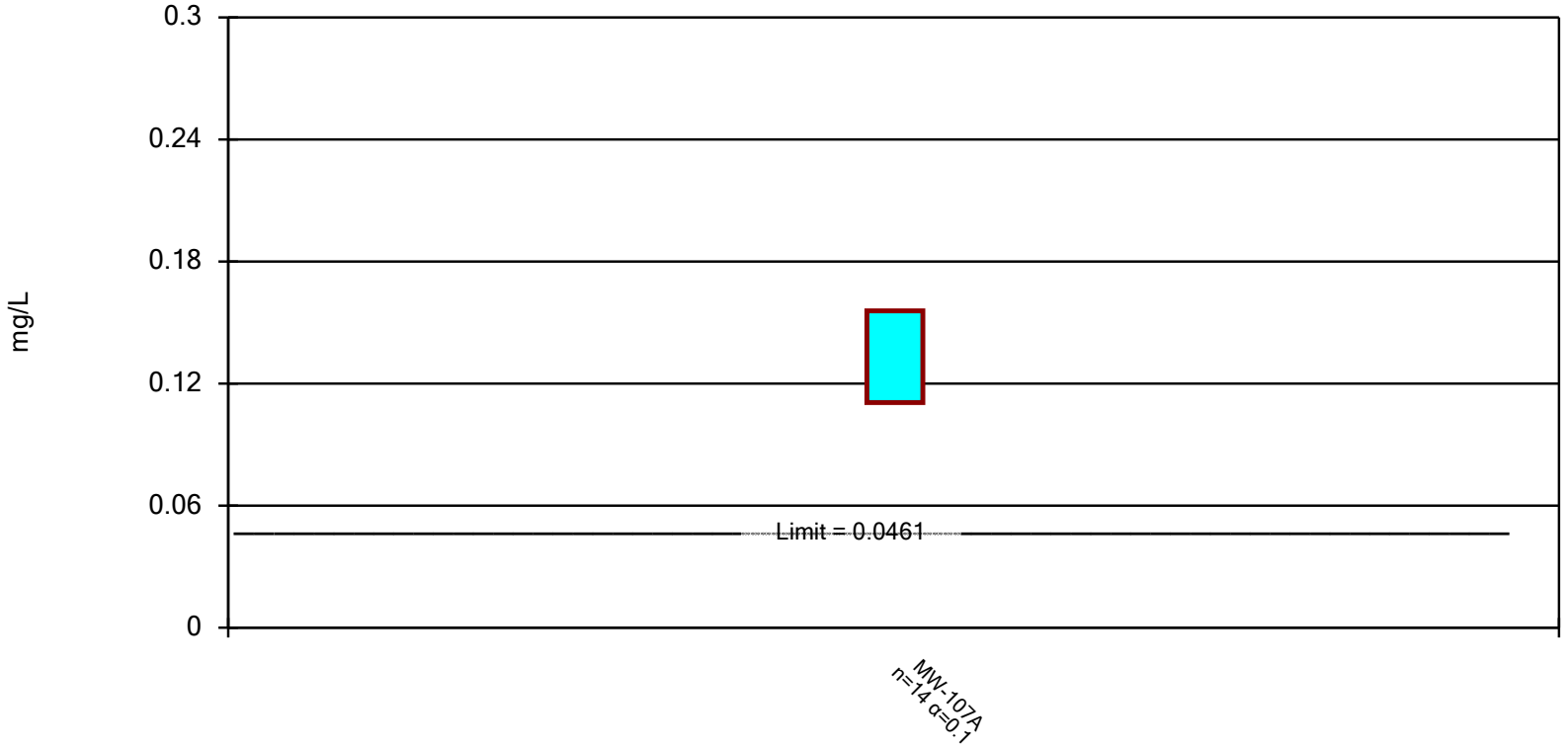
Constituent: Vinyl Chloride Analysis Run 12/4/2025 10:58 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Parametric Confidence Interval, Corrective Action Mode

Compliance limit is exceeded. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/2/2026 11:44 AM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Sample Values and Corresponding 1st-Order Regression Calculations for Date to Completion

Sample Date	MW-2A-89 Arsenic mg/L	MW-107A Arsenic mg/L
2007-10	0.287	
2008-01	0.228	
2008-04	0.191	
2008-07	0.25	
2008-10	0.243	
2009-04	0.185	
2009-10	0.194	
2010-04	0.179	
2010-10	0.209	
2011-04	0.0195	
2011-10	0.224	
2012-04	0.107	
2012-10	0.592	
2013-04	0.0377	
2013-10	0.07	
2014-03	0.0429	
2014-09	0.0527	
2015-05	0.0437	
2015-10	0.0645	
2016-04	0.0778	
2016-09	0.0853	
2017-03	0.0904	0.106
2017-08	0.158	0.14
2018-03	0.115	0.0917
2018-09	0.0698	0.18
2019-04	0.06	0.147
2019-10	0.136	0.0525
2020-04	0.11	0.218
2020-10	0.159	0.17
2021-05	0.125	0.0336
2021-10	0.155	0.0427
2022-04	0.0927	
2022-10	0.137	0.155
2023-05	0.152	
2023-11	0.102	0.123
2024-05	0.116	
2024-10	0.131	0.237
2025-04	0.0937	
2025-10	0.132	0.168
Oct. 2025 Sample	0.132	0.168
GWPS	0.0461	0.0461
Regression Sample Size	39	14
Regression Slope	-0.000069	0.000097
Regression y-Intercept	0.78	-6.44
Regression p-level	0.1827	0.594
Estimated Date to GWPS	1/8/2053	No Attenuation
Projected Year to Completion	1/8/2056	No Attenuation

Attachment 5
Effective Power and Site-Wide False Positive Rate Discussion
Power Curve Evaluation

Effective Power and Site-Wide False Positive Rate

Statistical power refers to the ability of a test to identify real increases in concentration levels given they exist. The Unified Guidance defines the effective power as the "probability of detecting contamination in the monitoring network when one and only one well-constituent pair is contaminated." It further states that any statistical test procedure with effective power at least as high as the appropriate USEPA Reference Power Curve (ERPC) should be considered to have reasonable power.

The Unified Guidance gives the following criteria for comparing the effective power to the ERPC:

If the effective power first exceeds the ERPC at a mean concentration increase no greater than 3 background standard deviations, the power is labeled 'good;' if the effective power first exceeds the ERPC at a mean increase between 3 and 4 standard deviations, the power is considered 'acceptable;' and if the first exceedance of the ERPC does not occur until an increase greater than 4 standard deviations, the power is considered 'low.'

Effective power curves were developed with Sanitas for the 1-of-2 prediction limit plan, with power curves illustrated below. Based on the power curves for the Spring and Fall 2025 statistical evaluations, the interwell non-parametric prediction limits have good power ratings.

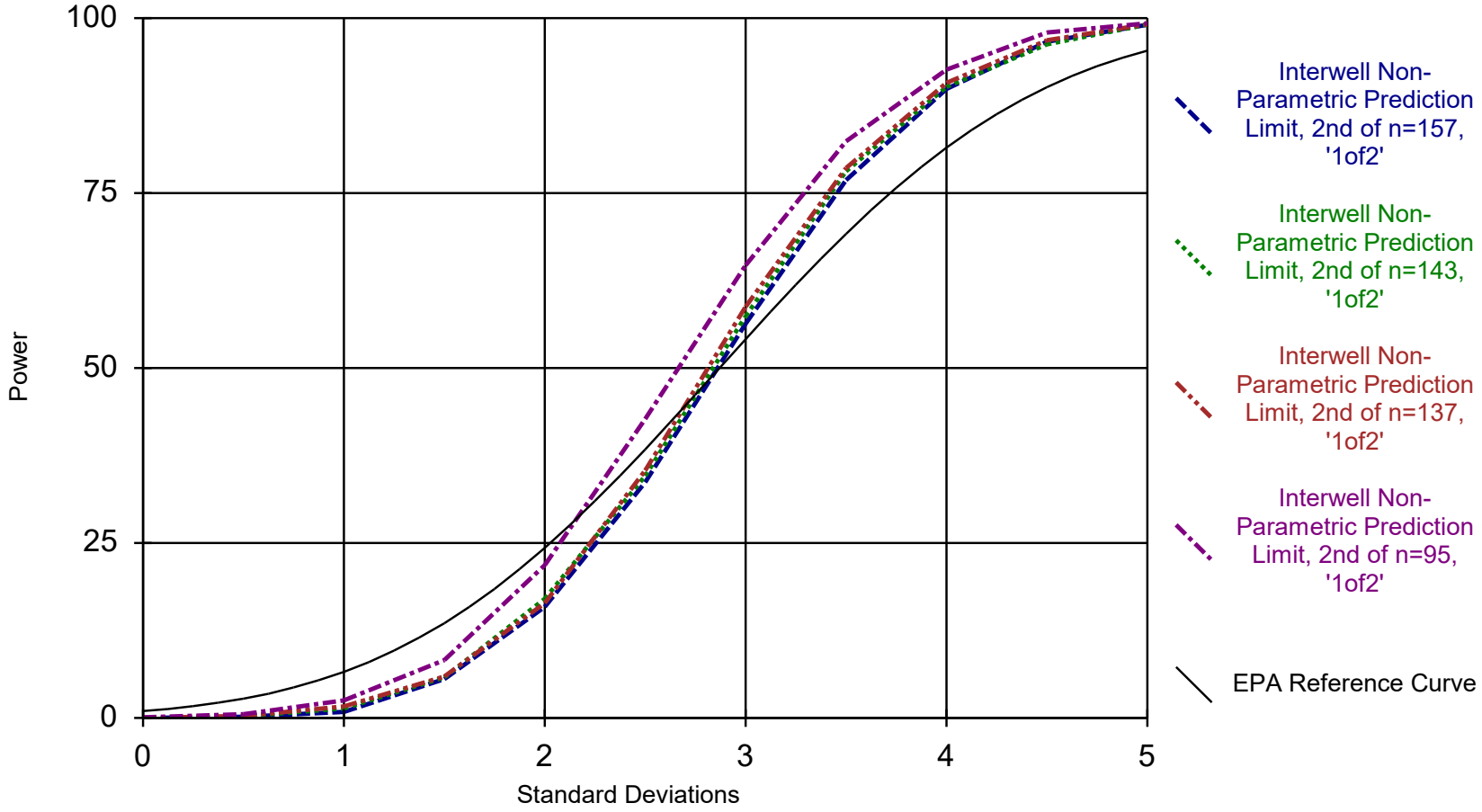
The Unified Guidance "strongly encourages use of a comprehensive design strategy to account for both the cumulative site-wide false positive rate (SWFPR) and effective power to identify real exceedances." The Unified Guidance recommends and uses an annual SWFPR target of 10%. The current annual SWFPR based on the 1-of-2 prediction limit plan may be calculated using the basic subdivision principle discussed in Unified Guidance Sections 6.2.2, 19.2.1 and 19.4.

Currently, comparisons are made at 6 locations semiannually and 13 locations annually. Based on the Sanitas prediction limit output summarized in Attachment 2 of the Spring and Fall 2025 statistical evaluations, a total of 259 single tests were conducted in 2025.

The cumulative annual SWFPR can be approximated directly from the α-levels reported in the Sanitas output as SWFPR $= 1 - \prod_{i=1}^{259}(1 - \alpha_i) = 0.0571 \approx 6\%$. The current cumulative annual SWFPR is approximately 6%, which is within the Unified Guidance target 10% false positive rate.

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Non-Parametric Power Curves - Spring 2025

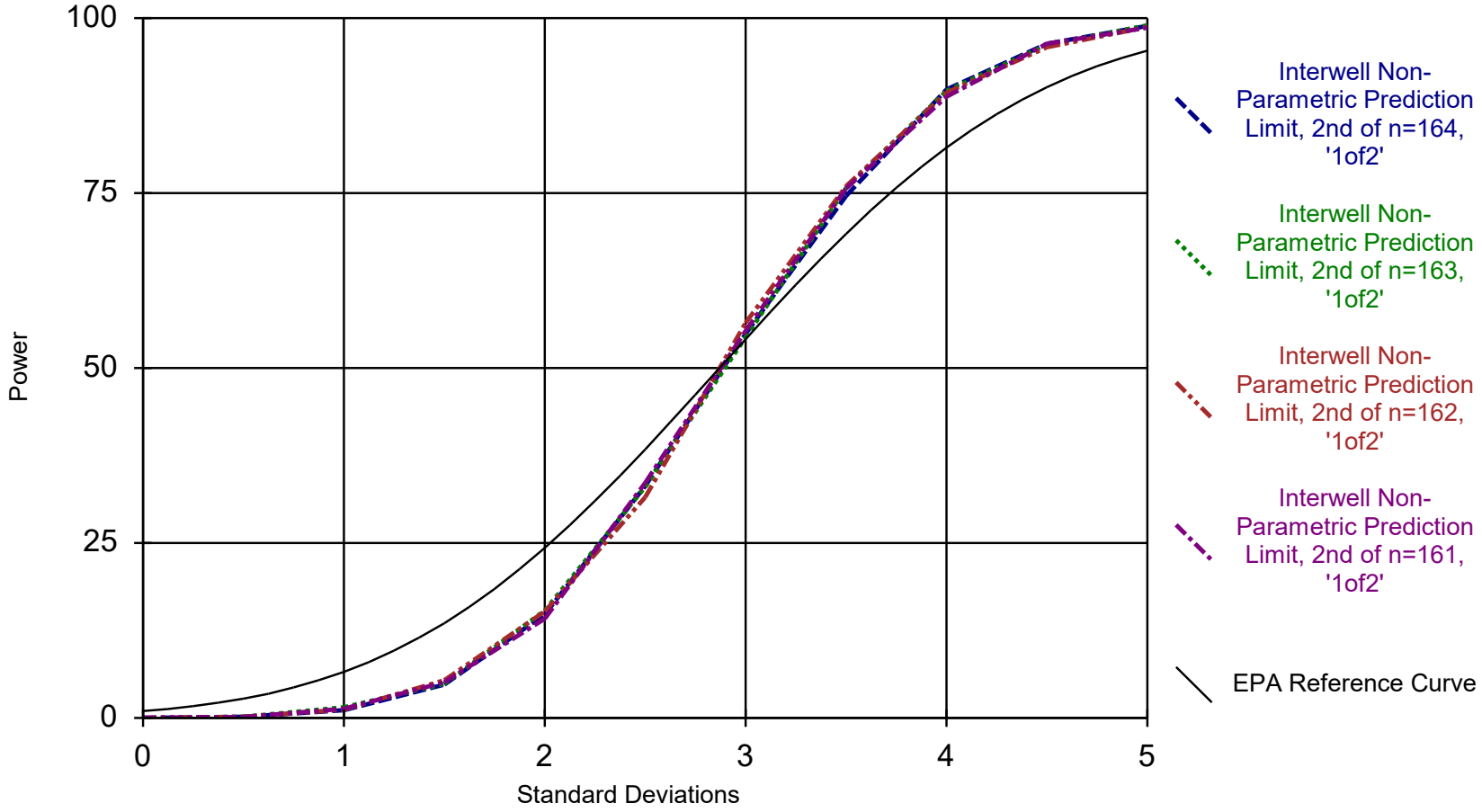


Analysis Run 12/4/2025 12:46 PM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Non-Parametric Power Curves - Spring 2025

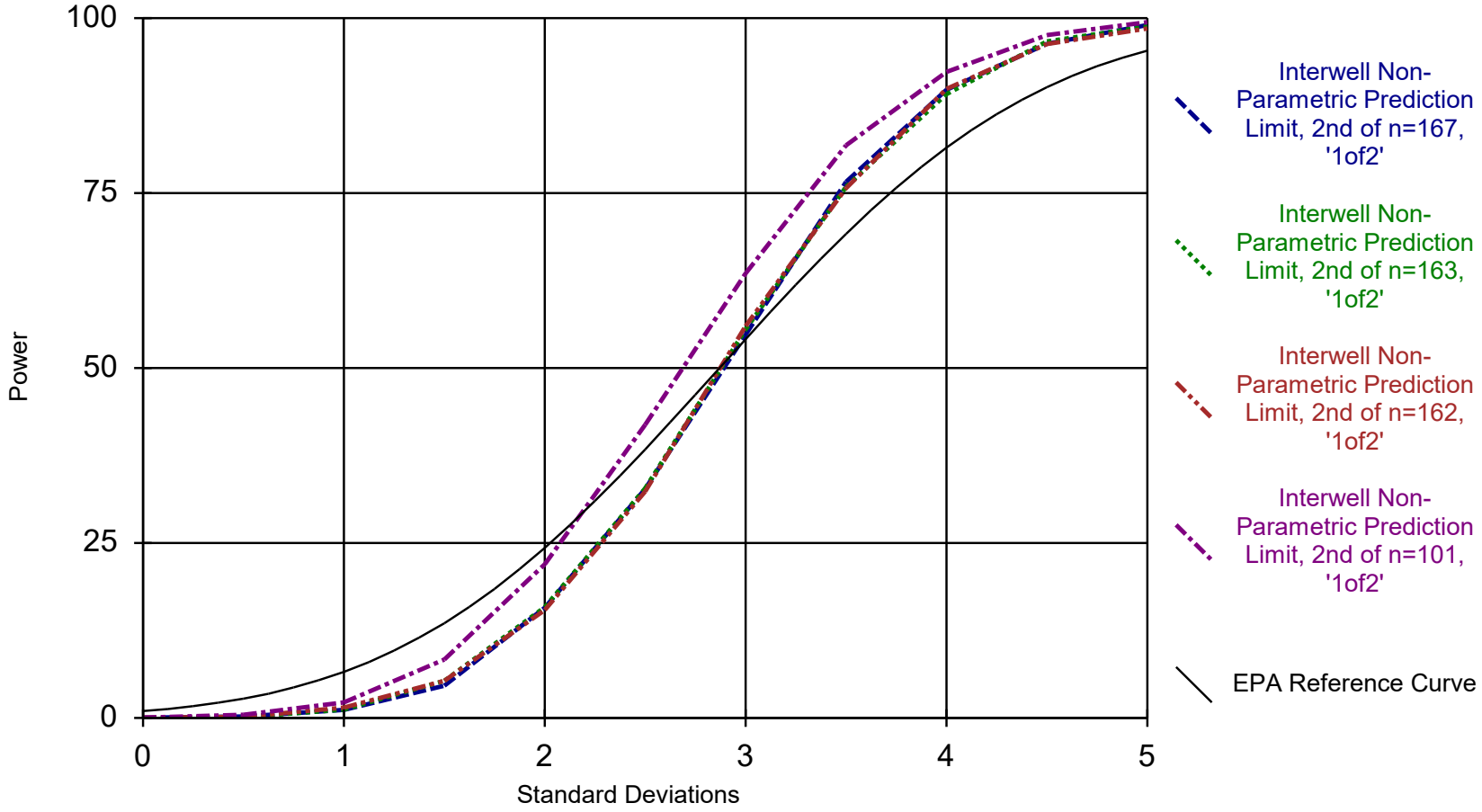


Analysis Run 12/4/2025 12:48 PM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Non-Parametric Power Curves - Fall 2025

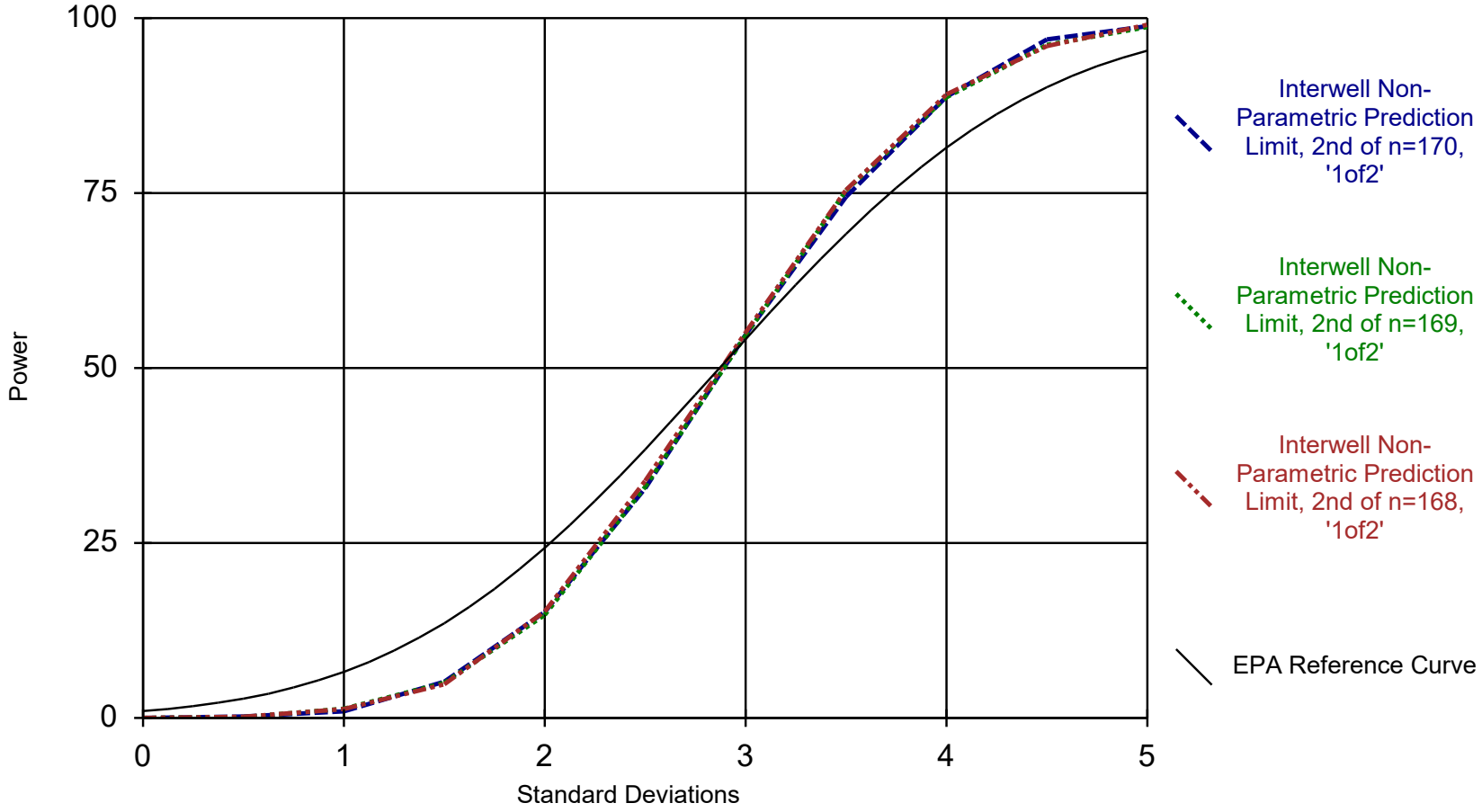


Analysis Run 12/4/2025 12:52 PM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

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Non-Parametric Power Curves - Fall 2025



Analysis Run 12/4/2025 12:51 PM

Landfill of North Iowa Client: Foth Data: LNI Fall 2025 Evaluation

Attachment 6
References

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Appendix C
Leachate Collection System Data

Leachate Sample Analytical Results

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: ST
Title: Pretreatment Coordinator

January 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	11100														6.82	6.79	6.94	
02	14100														6.78	6.76	6.91	
03	14200	483	57	0.5	34	4									6.80	6.76	6.86	8.04
04	8900														6.80	6.76	6.86	
05	8600														6.81	6.76	6.84	
06	16500														6.79	6.75	6.84	
07	14500														6.77	6.74	6.71	
08	16000														6.77	6.73	6.81	
09	14400														6.74	6.74	6.81	
10	11800	168	17	2.4	82	8									6.77	6.70	6.79	7.87
11	11700														6.74	6.73	6.79	
12	11800														6.74	6.72	6.79	
13	11900														6.73	6.71	6.79	
14	12100														6.76	6.71	6.77	
15	9600	174	14	3.3	36	3									6.72	6.71	6.78	7.78
16	10400														6.72	6.70	6.76	
17	11400														6.71	6.69	6.77	
18	11800														6.71	6.69	6.76	
19	9300														6.70	6.70	6.75	
20	9400														6.72	6.71	6.76	
21	11600														6.73	6.71	6.76	
22	11600	483	47	5.3	24	2									6.72	6.71	6.77	7.91
23	9300														6.70	6.70	6.76	
24	11500														6.73	6.70	6.75	
25	9200														6.70	6.69	6.76	
26	11200														6.72	6.70	6.75	
27	8800														6.71	6.71	6.76	
28	11100														6.72	6.70	6.77	
29	9100	236	18	3.7	60	5									6.70	6.70	6.77	8.40
30	11100														6.73	6.69	6.75	
31	11500														6.71	6.70	6.75	
Total	365500	1542	152	15.2	236	22												
Average	11468	308	30	3.0	47	4									6.74	6.72	6.79	8.00
Minimum	8500	168	14	0.5	24	2									6.70	6.69	6.71	7.78
Maximum	16500	483	57	5.3	82	8									6.82	6.79	6.94	8.40
	31	0 5	5	0 5.0	0 5	5	0 0.0	0	0	0	0 0	0 0	0 0	0 0	31.00	31	31	5.00

LA= Lab Accident
H= Holiday
SD= Shut Down
NC= Not Collected
HT= High BOD Temperature
W= Inclimate Weather

I certify, under penalty of law, that this document, and all the attachments, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisionment for known violations.

Signature:
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature:_____
Title: Pretreatment Coordinator

February 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	8900														6.73	6.69	6.76	
02	11200														6.71	6.71	6.77	
03	9100														6.73	6.69	6.76	
04	9300						829.0	64	10	159.7		904	7.4900	9.9	6.72	6.67	6.73	
05	8900	146	11	2.0	18	1									6.72	6.68	6.73	7.88
06	9100														6.70	6.68	6.73	
07	9200														6.70	6.69	6.74	
08	11200														6.70	6.69	6.74	
09	8200														6.69	6.68	6.73	
10	6800														6.70	6.68	6.73	
11	11200														6.66	6.67	6.73	
12	9000	114	9	1.6	17	1									6.69	6.68	6.74	7.87
13	9200														6.72	6.69	6.73	
14	8800														6.68	6.66	6.71	
15	8600														6.71	6.68	6.72	
16	8900														6.69	6.67	6.72	
17	9100														6.73	6.68	6.73	
18	6900														6.68	6.67	6.70	
19	9000	217	16	1.3	21	2									6.67	6.67	6.71	7.60
20	9000														6.68	6.67	6.71	
21	8800														6.68	6.66	6.70	
22	8900														6.67	6.66	6.71	
23	10700														6.68	6.67	6.77	
24	8900														6.71	6.68	6.78	
25	8800														6.68	6.67	6.74	
26	8700	246	18	3.3	19	1									6.67	6.66	6.71	7.87
27	8900														6.68	6.67	6.71	
28	8600														6.68	6.66	6.71	
Total	254100	722	53	8.2	93	7	829.0	64	10	159.7		904	7.4900	9.9				
Average	9075	180	13	2.0	19	1	829.0	64	10.1	159.7		904	7.4900	9.9	6.70	6.68	6.73	7.80
Minimum	6800	114	9	1.3	17	1	829.0	64	10.1	159.7		904	7.4900	9.9	6.67	6.66	6.70	7.60
Maximum	11200	246	18	3.3	21	2	829.0	64	10.1	159.7		904	7.4900	9.9	6.73	6.71	6.78	7.87
	28	0 4	4	0 4.0	0 5	5	0 1.0	1	0 10.1	0 159.7	0 0	0 1	0 1	0 1	28.00	28	28	4.00

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Signature:_____
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature:
Title: Pretreatment Coordinator

March 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	9100														6.68	6.67	6.71	
02	6700														6.71	6.68	6.72	
03	6700														6.70	6.67	6.72	
04	22800														6.69	6.67	7.49	
05	16700														7.05	6.77	7.07	
06	11400	112	11	3.7	16	2									6.74	6.73	6.81	7.89
07	13500														6.75	6.74	6.94	
08	13700														6.77	6.76	6.86	
09	15700														6.76	6.76	6.82	
10	17900														6.79	6.77	6.84	
11	16200														6.83	6.79	6.86	
12	14300	233	28	2.4	29	3									6.80	6.78	6.85	7.83
13	12800														6.81	6.79	6.85	
14	16900														6.81	6.80	6.86	
15	13700														6.86	6.83	6.91	
16	13400														6.88	6.83	6.90	
17	13100														6.82	6.81	6.88	
18	13400														6.87	6.83	6.91	
19	14100														6.88	6.86	6.93	
20	14900														6.87	6.83	6.95	
21	28700	161	38	1.8	33	8									6.91	6.87	7.67	7.77
22	30000														7.17	7.13	7.50	
23	30300														7.13	7.11	7.42	
24	24500														7.27	7.22	7.38	
25	23600														7.25	7.20	7.32	
26	19100	106	17	2.3	17	3									7.20	7.20	7.28	7.64
27	19200														7.20	7.20	7.26	
28	21500														6.99	7.89	7.25	
29	18700														6.96	6.91	7.01	
30	55000														7.65	7.00	8.13	
31	55000														7.22	7.21	7.98	
Total	605300	612	94	10.2	97	16												
Average	19526	153	23	2.6	24	4									6.94	6.91	7.10	7.78
Minimum	6700	106	11	1.8	17	2									6.68	6.68	6.71	7.64
Maximum	55000	233	38	3.7	33	8									7.65	7.89	8.13	7.89
	31	0 4	4	0 4.0	0 4	4	0 0.0	0	0	0	0 0	0 0	0 0	0 0	31.00	31	31	4.00

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Signature:
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: _____
Title: Pretreatment Coordinator

April 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Indl pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	44300			1.9											7.13	7.10	7.55	7.68
02	55000	77	35	1.9	24	11									8.45	7.15	8.45	7.68
03	55000														7.32	7.29	8.10	
04	55000														7.21	7.11	7.70	
05	41000														7.11	7.07	7.32	
06	29800														7.13	7.07	7.14	
07	27400														7.08	6.97	7.12	
08	24400														6.99	6.95	7.02	
09	23300	175	34	2.8	22	4	502.0	98	10	225.8	3.3000	578.0000	4.3700	5.5	6.95	6.93	7.00	7.90
10	22800														6.97	6.92	6.99	
11	19700														6.98	6.93	7.00	
12	21300														6.95	6.94	7.01	
13	19100														6.99	6.96	7.01	
14	19100														7.02	6.98	7.04	
15	14500														7.02	6.98	7.04	
16	18500	133	21	2.8	23	4									6.99	6.97	7.04	7.73
17	16400														6.99	6.99	7.07	
18	51700														7.01	6.42	7.03	
19	24900														6.88	6.76	6.96	
20	55000														6.95	6.21	6.97	
21	55000														6.48	6.12	6.74	
22	55000														6.83	6.37	6.88	
23	55000	65	30	4.5	38	17									6.86	6.59	6.90	7.64
24	46800														6.82	6.75	6.91	
25	55000														6.52	6.47	6.85	
26	55000														6.84	6.51	6.90	
27	48700														6.89	6.58	6.95	
28	35500														6.95	6.73	7.03	
29	43900														6.95	6.73	6.92	
30	36000	77	23	3.8	23	7									6.92	6.83	6.97	7.70
Total	1124100	526	142	17.7	130	43	502.0	98	10	225.8	3.3000	578.0000	4.3700	5.5				
Average	37470	105	28	2.9	26	9	502.0	98	10.4	225.8	3.3000	578.0000	4.3700	5.5	7.01	6.81	7.12	7.72
Minimum	14500	65	21	1.9	22	4	502.0	98	10.4	225.8	3.3000	578.0000	4.3700	5.5	6.48	6.12	6.74	7.64
Maximum	55000	175	35	4.5	38	17	502.0	98	10.4	225.8	3.3000	578.0000	4.3700	5.5	8.45	7.29	8.45	7.90
	30	0 5	5	0 6.0	0 5	5	0 1.0	1	0 10.4	0 225.8	0 1	0 1	0 1	0 1	30.00	30	30	6.00

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Signature: _____
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature:
Title: Pretreatment Coordinator

May 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	31400														6.96	6.91	6.99	
02	30800														6.95	6.94	7.04	
03	28200														7.02	6.97	7.06	
04	24400														7.04	6.99	7.05	
05	25300														7.04	7.01	7.09	
06	22100														7.04	7.03	7.09	
07	24100	144	29	5.4	14	3									7.07	7.05	7.12	7.72
08	21500														7.11	7.09	7.13	
09	20500														7.09	7.09	7.14	
10	19600														7.13	7.09	7.16	
11	20500														7.13	7.10	7.15	
12	18700														7.14	7.10	7.16	
13	21100														7.12	7.10	7.16	
14	19800	119	20	5.9	23	4									7.13	7.11	7.17	7.76
15	20000														7.17	7.13	7.27	
16	18400														7.21	7.17	7.26	
17	18100														7.27	7.21	7.28	
18	17000														7.23	7.16	7.24	
19	18700														7.21	7.19	7.25	
20	21100														7.22	7.08	7.23	
21	18800	163	25	5.1	25	4									7.18	7.15	7.21	7.87
22	20300														7.16	7.14	7.19	
23	18600														7.15	7.13	7.17	
24	21900														7.16	7.14	7.17	
25	21500														7.17	7.14	7.18	
26	18800														7.16	7.15	7.19	
27	20900														7.16	7.15	7.22	
28	20900	137	24	5.8	31	6									7.19	7.15	7.20	7.79
29	19200														7.18	7.17	7.21	
30	18500														7.20	7.17	7.23	
31	19800														7.18	7.18	7.23	
Total	660100	563	98	22.2	93	16												
Average	21294	141	24	5.6	23	4									7.14	7.10	7.17	7.78
Minimum	17000	119	20	5.1	14	3									6.95	6.91	6.99	7.72
Maximum	31400	163	29	5.9	31	5									7.27	7.21	7.28	7.87
	31	0 4	4	0 4.0	0 4	4	0 0.0	0	0	0	0 0	0 0	0 0	0 0	31.00	31	31	4.00

LA= Lab Accident
H= Holiday
SD= Shut Down
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I certify, under penalty of law, that this document, and all the attachments, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisionment for known violations.

Signature:
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: _____
Title: Pretreatment Coordinator

June 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	18900														7.22	7.19	7.24	
02	18600														7.27	7.26	7.28	
03	18900														7.12	7.12	7.27	
04	18500	161	25	5.9	43	7									7.23	7.19	7.26	7.92
05	18900														7.22	7.18	7.23	
06	21100														7.21	7.18	7.22	
07	20900														7.12	7.12	7.22	
08	22800														7.23	7.16	7.25	
09	19800														7.25	7.18	7.25	
10	21400														7.24	7.17	7.25	
11	21500	LA		5.7	50	9									7.20	7.18	7.25	7.89
12	21100														7.23	7.19	7.24	
13	16800														7.23	7.19	7.24	
14	21100														7.25	7.19	7.28	
15	18900														7.19	7.19	7.26	
16	23100														7.14	7.09	7.24	
17	24600														7.18	7.14	7.19	
18	23900	175	35	5.9	27	5									7.19	7.12	7.20	8.04
19	24200														7.17	7.12	7.22	
20	43400														7.01	6.81	7.20	
21	32200														7.19	7.08	7.22	
22	25700														7.21	7.17	7.23	
23	24600														7.20	7.17	7.20	
24	24900														7.20	7.16	7.21	
25	24500	LA		5.8	39	8									7.20	7.15	7.23	7.70
26	55000														7.16	6.37	7.20	
27	55000														7.05	6.56	7.11	
28	55000														7.12	7.05	7.16	
29	40000														7.17	7.12	7.18	
30	30000														7.18	7.15	7.22	
Total	803200	336	60	23.3	159	28												
Average	26773	168	30	5.8	40	7									7.19	7.10	7.22	7.89
Minimum	16800	161	25	5.7	27	5									7.01	6.37	7.11	7.70
Maximum	55000	175	35	5.9	50	9									7.27	7.26	7.28	8.04
	30	2 2	2	0 4.0	0 4	4	0 0.0	0	0	0	0 0	0 0	0 0	0 0	30.00	30	30	4.00

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NC= Not Collected
HT= High BOD Temperature
W= Inclimate Weather

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Signature: _____
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: _____
Title: Pretreatment Coordinator

July 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	24700														7.21	7.17	7.22	
02	27800	227	53	5.2	33	8									7.21	7.18	7.25	7.69
03	27800														7.21	7.20	7.25	
04	23600														7.26	7.21	7.28	
05	24000														7.23	7.21	7.28	
06	24000														7.26	7.22	7.28	
07	22200														7.25	7.21	7.28	
08	22200														7.25	7.22	7.27	
09	21800	188	34	5.7	21	4									7.26	7.23	7.28	7.62
10	27100														7.24	6.81	7.28	
11	28900														7.16	7.07	7.20	
12	28900														7.17	7.13	7.22	
13	29900														7.21	7.16	7.22	
14	25800														7.23	7.17	7.25	
15	25800														7.23	7.18	7.25	
16	24400	249	51	5.1	27	5									7.24	7.19	7.26	8.05
17	24600														7.26	7.21	7.29	
18	21800														7.26	7.21	7.27	
19	55000														6.91	6.32	7.27	
20	55000														7.11	6.77	7.18	
21	49500														7.19	7.13	7.20	
22	33300														7.21	7.15	7.22	
23	29400	245	60	5.0	20	5									7.20	6.51	7.26	7.77
24	55000														6.73	6.48	6.93	
25	55000														7.11	6.63	7.16	
26	55000														7.14	7.05	7.20	
27	44400														7.19	7.16	7.22	
28	37600														7.13	7.03	7.24	
29	55000														6.95	6.46	6.97	
30	55000	100	46	5.8	51	23									7.03	6.67	7.04	6.02
31	55000														7.08	6.89	7.13	
Total	1090500	1009	243	26.8	151	45												
Average	35177	202	49	5.4	30	9									7.16	7.01	7.21	7.83
Minimum	21800	100	34	5.0	20	4									6.73	6.32	6.93	7.62
Maximum	55000	249	60	5.8	51	23									7.26	7.23	7.29	8.05
	31	0 5	5	0 5.0	0 6	5	0 0.0	0	0	0	0 0	0 0	0 0	0 0	31.00	31	31	5.00

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H= Holiday
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Signature: _____
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: _____
Title: **Pretreatment Coordinator**

August 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	55000														7.12	6.99	7.17	
02	55000														7.14	7.04	7.19	
03	52800														7.17	7.11	7.22	
04	35400														7.21	7.18	7.23	
05	33500														7.24	7.19	7.25	
06	22600	206	39	5.8	51	10									7.26	7.19	7.27	7.98
07	31200														7.24	7.18	7.26	
08	33900														7.27	7.23	7.27	
09	27000														7.26	7.24	7.30	
10	29000														7.28	7.25	7.29	
11	25800														7.28	7.25	7.30	
12	26800														7.27	7.25	7.31	
13	24900	183	38	5.7	56	12									7.26	7.25	7.30	7.89
14	17300						826.0	119	< 5	< 55.0		735.0000	5.4400	7.9	7.31	7.26	7.31	
15	20300														7.32	7.25	7.33	
16	24700														7.32	7.28	7.36	
17	20100														7.31	7.29	7.34	
18	55000														7.07	6.54	7.33	
19	43100														7.24	7.01	7.25	
20	31400														7.25	7.20	7.28	7.75
21	29800														7.27	7.22	7.27	
22	27100	54	12	5.8	36	8									7.27	7.24	7.31	7.89
23	26800														7.28	7.25	7.31	
24	25800														7.28	7.26	7.31	
25	25100														7.31	7.27	7.32	
26	22200														7.28	7.28	7.32	
27	25000	338	70	6.0	25	5									7.29	7.26	7.34	7.73
28	22200														7.30	7.29	7.34	
29	21800														7.30	7.29	7.34	
30	23500														7.33	7.29	7.34	
31	21300														7.34	7.29	7.35	
Total	935200	781	159	23.3	168	35	826.0	119	5	55.0		735.0000	5.4400	7.9				
Average	30168	195	40	5.8	42	9	826.0	119	5.0	55.0		735.0000	5.4400	7.9	7.26	7.20	7.29	7.85
Minimum	17300	54	12	5.7	25	5	826.0	119	5.0	55.0		735.0000	5.4400	7.9	7.07	6.54	7.17	7.73
Maximum	55000	338	70	6.0	56	12	826.0	119	5.0	55.0		735.0000	5.4400	7.9	7.34	7.29	7.36	7.98
	31	0 4	4	0 4.0	0 4	4	0 1.0	1	1 5.0	1 55	0 0	0 1	0 1	0 1	31.00	31	31	5.00

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NC= Not Collected

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Signature: _____
Title: **Plant Manager**

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: SW
Title: Pretreatment Coordinator

September 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	21400														7.32	7.30	7.36	
02	11000														7.35	7.30	7.35	
03	22100	229	42	6.0	31	6									7.35	7.32	7.39	7.69
04	22500														7.37	7.33	7.40	
05	22400														7.41	7.38	7.44	
06	14000														7.42	7.38	7.44	
07	18300														7.39	7.35	7.44	
08	16400														7.41	7.37	7.43	
09	14300														7.40	7.39	7.48	
10	14100	199	23	5.2	19	2									7.42	7.39	7.45	7.69
11	28200														7.41	7.36	7.44	
12	19800														7.40	7.35	7.40	
13	20400														7.40	7.36	7.40	
14	19500														7.39	7.36	7.40	
15	18100														7.40	7.36	7.40	
16	16100														7.39	7.35	7.40	
17	16800	238	37	5.8	23	4									7.38	7.36	7.41	7.63
18	17700														7.41	7.28	7.41	
19	17500														7.38	7.36	7.40	
20	18400														7.38	7.36	7.40	
21	20200														7.38	7.34	7.39	
22	20700														7.38	7.12	7.40	
23	20100														7.36	7.36	7.37	
24	20700	262	49	6.0	51	9									7.35	7.31	7.36	7.66
25	20700														7.35	7.30	7.36	
26	21900														7.36	7.32	7.36	
27	18300														7.37	7.33	7.39	
28	21900														7.36	7.34	7.36	
29	19200														7.38	7.34	7.38	
30	19300														7.35	7.34	7.38	
Total	574000	948	152	23.0	124	20												
Average	19133	237	38	5.8	31	5									7.38	7.33	7.40	7.67
Minimum	11000	199	23	5.2	19	2									7.32	7.12	7.35	7.63
Maximum	28200	262	49	6.0	51	9									7.43	7.39	7.48	7.69
	30	0 4	4	0 4.0	0 4	4	0 0.0	0	0	0	0 0	0 0	0 0	0 0	30.00	30	30	4.00

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Signature:
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: _____
Title: Pretreatment Coordinator

October 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	19000	HT													7.38	7.35	7.39	7.57
02	17000														7.40	7.35	7.42	
03	18900	135	21	5.9	60	9									7.41	7.36	7.42	7.95
04	16300														7.43	7.37	7.44	
05	18800														7.44	7.37	7.45	
06	14300														7.41	7.37	7.43	
07	18800														7.42	7.37	7.43	
08	14400	260	31	4.2	21	3	711.0	85	< 5	< 55.0		772.0000	6.5100	6.1	7.42	7.38	7.43	7.68
09	16400														7.41	7.38	7.43	
10	16400														7.43	7.39	7.44	
11	16000														7.44	7.39	7.44	
12	13800														7.44	7.39	7.45	
13	14500														7.47	7.42	7.48	
14	16300														7.45	7.39	7.47	
15	13700	202	33	4.0	28	3									7.39	7.39	7.45	7.69
16	15800														7.44	7.40	7.45	
17	15300														7.48	7.41	7.50	
18	13200														7.46	7.41	7.49	
19															7.48	7.48	7.51	
20	2100														7.50	7.49	7.53	
21	2200														7.53	7.52	7.57	
22		222		3.6	69										7.54	7.53	7.54	7.97
23	2300														7.52	7.51	7.53	
24															7.52	7.51	7.55	
25															7.51	7.50	7.51	
26	2300														7.50	7.50	7.51	
27															7.50	7.50	7.51	
28															7.50	7.50	7.51	
29	2400	LA		2.8	39	1									7.51	7.50	7.51	7.82
30															7.52	7.51	7.52	
31															7.52	7.52	7.52	
Total	209800	909	86	23.3	218	16	711.0	85	5	55.0		772.0000	6.5100	6.1				
Average	13035	227	29	3.9	44	4	711.0	85	5.0	55.0		772.0000	6.5100	6.1	7.46	7.43	7.48	7.85
Minimum	2100	135	21	2.8	21	1	711.0	85	5.0	55.0		772.0000	6.5100	6.1	7.38	7.35	7.39	7.68
Maximum	19000	292	33	5.9	69	9	711.0	85	5.0	55.0		772.0000	6.5100	6.1	7.54	7.53	7.54	7.97
	23	2 4	3	0 6.0	0 5	4	0 1.0	1	1 5.0	1 55	0 0	0 1	0 1	0 1	31.00	31	31	7.00

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Signature: _____
Title: Plant Manager

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: _____
Title: **Pretreatment Coordinator**

November 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	2200														7.52	7.52	7.53	
02															7.53	7.52	7.53	
03	9000														7.46	7.38	7.53	
04	13000														7.48	7.47	7.52	
05	39800	215	71	2.3	31	10									7.52	7.44	7.53	7.92
06	28900														7.49	7.46	7.54	
07	23800														7.51	7.46	7.57	
08	21000														7.49	7.45	7.57	
09	17800														7.49	7.46	7.62	
10	16200														7.47	7.44	7.58	
11	17400														7.47	7.45	7.60	
12	14800	210	26	1.2	40	5									7.49	7.46	7.64	7.82
13	16900														7.49	7.45	7.59	
14	16400														7.49	7.46	7.60	
15	14300														7.49	7.47	7.68	
16	14200														7.49	7.46	7.69	
17	15700														7.49	7.42	7.64	
18	14900														7.46	7.40	7.61	
19	14100	217	26	2.6	53	6									7.49	7.46	7.54	7.84
20	14100														7.49	7.46	7.55	
21	17200														7.48	7.46	7.55	
22	11500														7.48	7.46	7.56	
23	13900														7.50	7.46	7.59	
24	13600														7.48	7.46	7.52	
25	16000														7.49	7.47	7.69	
26	11500	217	21	1.6	15	1									7.51	7.48	7.71	7.83
27	13800														7.49	7.47	7.70	
28	11500														7.49	7.45	7.64	
29	16900														7.50	7.47	7.65	
30	11400														7.51	7.47	7.62	
Total	463600	859	143	7.7	139	23												
Average	15993	215	36	1.9	35	6									7.49	7.46	7.60	7.85
Minimum	2200	210	21	1.2	15	1									7.46	7.38	7.52	7.82
Maximum	39800	217	71	2.6	53	10									7.53	7.52	7.71	7.92
	29	0 4	4	0 4.0	0 4	4	0 0.0	0	0	0	0 0	0 0	0 0	0 0	30.00	30	30	4.00

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Signature: _____
Title: **Plant Manager**

City of Mason City Water
Reclamation Facility
Industrial Monitoring Report

Landfill of North Iowa

Signature: _____
Title: Pretreatment Coordinator

December 2025

Day	Flow	BOD		BOD	TSS		Ammonia		Benzene	BTEX	TTO's	Total Nitrogen	Total Phos	FOG	Ind pH	Industry pH		POTW pH
	GPD	mg/L	Lbs/Day	Temp °C	mg/L	Lbs/Day	mg/L	Lbs/Day	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L		Min	Max	
01	13800															7.46	7.54	
02	11500															7.48	7.60	
03	14500	190	23	1.6	45	5										7.48	7.73	7.97
04	12200															7.47	7.55	
05	11300															7.48	7.68	
06	11400															7.49	7.68	
07	13500															7.47	7.76	
08	12100															7.47	7.54	
09	13200															7.47	7.50	
10	13100	< 159	17	1.2	20	2										7.47	7.82	7.89
11	12000															7.47	7.58	
12	13500															7.47	7.57	
13	11200															7.48	7.64	
14	11200															7.48	7.51	
15	14000															7.48	7.52	
16	14000															7.48	7.71	
17	11400	188	18	2.0	20	2	566.0	54	< 10	< 68.6	0.0000	766.0000		< 4.0		7.49	7.68	8.12
18	11400															7.47	7.72	
19	14100															7.46	7.48	
20	11300															7.49	7.61	
21	11200															7.48	7.60	
22	13500															7.48	7.70	
23	11200															7.49	7.73	
24	12000	< 230	23	1.8	19	2										7.48	7.55	7.81
25	13500															7.48	7.58	
26	14100															7.43	7.60	
27	14300															7.39	7.51	
28	17500															7.37	7.54	
29	17100															7.37	7.55	
30	17200															7.39	7.52	
31	13900	206	24	1.7	24	3										7.42	7.52	7.77
Total	406200	972	105	8.1	128	14	566.0	54	10	68.6	0.0000	766.0000		4.0				
Average	13103	194	21	1.6	26	3	566.0	54	10.0	68.6	0.0000	766.0000		4.0		7.46	7.61	7.91
Minimum	11200	159	17	1.2	19	2	566.0	54	10.0	68.6	0.0000	766.0000		4.0		7.37	7.48	7.77
Maximum	17500	230	24	2.0	45	5	566.0	54	10.0	68.6	0.0000	766.0000		4.0		7.49	7.82	8.12
	31	2	5	5	0 5.0	0 5	5	0 1.0	1	1 10.0	1	68.6	0 1	0 1	0 0	1 1	0.00	31 31	3.00

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Signature: _____
Title: Plant Manager

eurofins | Environment Testing

1 2 3 4 5 6 7

ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Wilming
Foth Infrastructure & Environment, LLC
411 6th Avenue SE
Suite 400
Cedar Rapids, Iowa 52401

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JOB DESCRIPTION

Landfill of North Iowa- Leachate

JOB NUMBER

310-299743-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

myEOL

Eurofins Cedar Falls

Job Notes

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Authorization



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Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

Job ID: 310-299743-1 Eurofins Cedar Falls

Job Narrative
310-299743-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/4/2025 2:03 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 9.6°C.

GC/MS VOA
Method 624.1_PREC: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: Load Out #2_25_02_Grab (310-299743-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 1664A: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: Load Out #2_25_02_Grab (310-299743-1). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 350.1: The reference method requires samples to be preserved to a pH of <2. The following sample(s) was received with insufficient preservation at a pH of >2 : 310-299743-A-2 The sample(s) was preserved to the appropriate pH in the laboratory.

Method 353.2: The following sample was diluted due to the nature of the sample matrix: Load Out #2_25_02_Composite (310-299743-2). Elevated reporting limits (RLs) are provided.

Method 353.2: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: Load Out #2_25_02_Composite (310-299743-2). The sample(s) was preserved to the appropriate pH in the laboratory.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299743-1
Project/Site: Landfill of North Iowa- Leachate

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-299743-1	Load Out #2_25_02_Grab	Water	02/04/25 08:33	02/04/25 14:03
310-299743-2	Load Out #2_25_02_Composite	Water	02/04/25 08:33	02/04/25 14:03

Client Sample ID: Load Out #2_25_02_Grab

Lab Sample ID: 310-299743-1

Date Collected: 02/04/25 08:33

Matrix: Water

Date Received: 02/04/25 14:03

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Benzene	10.1		0.500		ug/L		02/06/25 13:20	1	WSE8
Ethylbenzene	39.9		1.00		ug/L		02/06/25 13:20	1	WSE8
Toluene	27.5		1.00		ug/L		02/06/25 13:20	1	WSE8
Xylenes, Total	82.2		3.00		ug/L		02/06/25 13:20	1	WSE8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Analyzed*	*Dil Fac*	*Analyst*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*02/06/25 13:20*	*1*	*WSE8*
Toluene-d8 (Surr)	*100*		*70 - 130*	*02/06/25 13:20*	*1*	*WSE8*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/06/25 13:20*	*1*	*WSE8*

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Endosulfan I	<0.0640		0.0640		ug/L		02/07/25 22:11	1	BW2O
Endosulfan II	<0.0640		0.0640		ug/L		02/07/25 22:11	1	BW2O
Endosulfan sulfate	<0.0640		0.0640		ug/L		02/07/25 22:11	1	BW2O

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Analyzed*	*Dil Fac*	*Analyst*
DCB Decachlorobiphenyl (Surr)	*32*		*10 - 124*	*02/07/25 22:11*	*1*	*BW2O*
Tetrachloro-m-xylene (Surr)	*30*		*10 - 124*	*02/07/25 22:11*	*1*	*BW2O*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
HEM (Oil & Grease) (1664A)	9.9		4.8		mg/L		02/05/25 08:30	1	A3GU

Client Sample ID: Load Out #2_25_02_Composite

Lab Sample ID: 310-299743-2

Date Collected: 02/04/25 08:33

Matrix: Water

Date Received: 02/04/25 14:03

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Ammonia as N (350.1)	829		235		mg/L		02/05/25 20:32	9.38	ZJX4
Total Kjeldahl Nitrogen (351.2)	904		50.0		mg/L		02/05/25 15:24	10	HE7K
Nitrate Nitrite as N (353.2)	<1.00		1.00		mg/L		02/06/25 12:52	10	HE7K
Total Phosphorus as P (365.1)	7.49		0.500		mg/L		02/06/25 22:18	1	ZJX4

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	Dil Fac	Analyst
Nitrogen, Total (Total Nitrogen)	904		50.0		mg/L		02/06/25 12:52	1	HE7K

Accreditation/Certification and Definitions Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299743-1
Project/Site: Landfill of North Iowa- Leachate

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total Nitrogen		Water	Nitrogen, Total

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
MRL	Method Reporting Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-299743-1
Project/Site: Landfill of North Iowa- Leachate

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET CF
608.3	Organochlorine Pesticides in Water	EPA	EET CF
1664A	HEM and SGT-HEM by Extraction and Gravimetry	40CFR136A	EET CF
350.1	Nitrogen, Ammonia	EPA	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET CF
365.1	Phosphorus, Total	EPA	EET CF
Total Nitrogen	Nitrogen, Total	EPA	EET CF
1664A	HEM and SGT-HEM (SPE)	1664A	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
365.2/365.3/365	Phosphorus, Total	EPA	EET CF
608	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET CF
Distill/Ammonia	Distillation, Ammonia	None	EET CF

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

eurofins | Environment Testing America

310-299743 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: Foth			
City/State: CITY		STATE	Project:
Receipt Information			
Date/Time Received:	DATE 2425	TIME 1403	Received By: CC
Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:_____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	☒ Yes	☐ No	*If yes:* Cooler ID:
Multiple Coolers?	☐ Yes	☒ No	*If yes:* Cooler # _____ of _____
Cooler Custody Seals Present?	☐ Yes	☒ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present?	☐ Yes	☒ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☐ Yes	☒ No	*If yes:* Which VOA samples are in cooler? ↓
Temperature Record			
Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE			
Thermometer ID: 2			Correction Factor (°C): 0
• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): 9.6			Corrected Temp (°C): 9.6
• **Sample Container Temperature**			
Container(s) used:	CONTAINER 1		CONTAINER 2
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling?			☒ Yes ☐ No
a) *If yes:* Is there evidence that the chilling process began?			☒ Yes ☐ No
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?)			☐ Yes ☐ No
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 1 of 1 **COC Number:** 1-3865545471-012225-049357

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To: Stephany Teisinger (City of Mason City)	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: Landfill of North Iowa Leachate	Regulatory Agency: Iowa DNR	Sampling Team Members: Gina Wilming
hannah.dubbs@foth.com	Task #: Leachate_2025_02	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: Ammonia	Fats, Oil, & Grease	Total Nitrogen	Total Phosphorus	BTEX	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N	N	N		
1	Load Out #2_25_02_Grab	Load Out #2	L	G	2/4/25	0833										X			X	X	X	X		
2	Load Out #2_25_02_Composite	Load Out #2	L	C	2/4/25	0833									X		X	X						
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Gina Wilming	2/4/25	1403			
								CC 2-4-25 1403		

SAMPLE CONDITION:	
Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Matrix = Leachate

BTEX report Benzene Toluene Ethylbenzene and Total Xylenes individually

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Gina Wilming

SIGNATURE of SAMPLER Gina Wilming DATE Signed: 2/4/25

2/11/2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Wilming
Foth Infrastructure & Environment, LLC
411 6th Avenue SE
Suite 400
Cedar Rapids, Iowa 52401

Generated 4/25/2025 3:29:06 PM

JOB DESCRIPTION

Landfill of North Iowa Leachate

JOB NUMBER

310-303770-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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4/25/2025 3:29:06 PM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

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Job Narrative
310-303770-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/9/2025 11:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.1°C.

GC/MS VOA
Method 624.1_PREC: The following volatiles sample was diluted due to foaming at the time of sample preparation during the original sample analysis: Load Out #2_25_04_Composite (310-303770-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 625.1_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-451168. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 608.3_PCB_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-451191. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 608.3_Pest_PREC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-451664. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 245.2: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: Load Out #2_25_04_Composite (310-303770-2). The sample(s) was preserved to the appropriate pH in the laboratory.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 353.2: The following sample was diluted due to the nature of the sample matrix: Load Out #2_25_04_Composite (310-303770-2). Elevated reporting limits (RLs) are provided.

Method SM5210B_Calc: The USB dilution water D.O. depletion was greater than 0.2 mg/L. The associated sample results in batch 310-451089 are qualified and reported.The USB depletion was 0.70 mg/L.

Job ID: 310-303770-1 (Continued) Eurofins Cedar Falls

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Leachate

Job ID: 310-303770-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-303770-1	Load Out #2_25_04_Grab	Water	04/09/25 09:05	04/09/25 11:38
310-303770-2	Load Out #2_25_04_Composite	Water	04/09/25 08:50	04/09/25 11:38

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Leachate

Job ID: 310-303770-1

Client Sample ID: Load Out #2_25_04_Grab — Lab Sample ID: 310-303770-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	10.4		0.500		ug/L	1		624.1	Total/NA
Ethylbenzene	56.4		1.00		ug/L	1		624.1	Total/NA
Toluene	40.0		1.00		ug/L	1		624.1	Total/NA
Xylenes, Total	119		3.00		ug/L	1		624.1	Total/NA
Endosulfan I	0.581		0.0640		ug/L	1		608.3	Total/NA
HEM (Oil & Grease)	5.5		5.3		mg/L	1		1664A	Total/NA

Client Sample ID: Load Out #2_25_04_Composite — Lab Sample ID: 310-303770-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	3260		500		ug/L	50		625.1	Total/NA
Phenol	64.4		10.0		ug/L	1		625.1	Total/NA
Endosulfan I	0.520		0.0667		ug/L	1		608.3	Total/NA
Arsenic	0.0243		0.00200		mg/L	1		200.8	Total/NA
Barium	0.962		0.00200		mg/L	1		200.8	Total/NA
Chromium	0.0730		0.00500		mg/L	1		200.8	Total/NA
Copper	0.0172		0.00500		mg/L	1		200.8	Total/NA
Iron	11.1		0.100		mg/L	1		200.8	Total/NA
Lead	0.00259		0.000500		mg/L	1		200.8	Total/NA
Nickel	0.168		0.00500		mg/L	1		200.8	Total/NA
Zinc	0.0928		0.0200		mg/L	1		200.8	Total/NA
Ammonia as N	502		235		mg/L	9.38		350.1	Total/NA
Total Kjeldahl Nitrogen	578		50.0		mg/L	10		351.2	Total/NA
Total Phosphorus as P	4.37		0.500		mg/L	1		365.1	Total/NA
Total Suspended Solids	20.0		15.0		mg/L	1		I-3765-85	Total/NA
Total Dissolved Solids	3980		250		mg/L	1		SM 2540C	Total/NA
pH	8.2	HF	1.0		SU	1		SM 4500 H+ B	Total/NA
Biochemical Oxygen Demand	87.9	b	3.00		mg/L	1		SM 5210B	Total/NA
Total Organic Carbon	482		40.0		mg/L	40		SM 5310C	Total/NA
Nitrogen, Total	578		50.0		mg/L	1		Total Nitrogen	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303770-1
Project/Site: Landfill of North Iowa Leachate

Client Sample ID: Load Out #2_25_04_Grab
Lab Sample ID: 310-303770-1
Date Collected: 04/09/25 09:05
Matrix: Water
Date Received: 04/09/25 11:38

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**10.4**		0.500		ug/L			04/11/25 12:45	1
Ethylbenzene	**56.4**		1.00		ug/L			04/11/25 12:45	1
Toluene	**40.0**		1.00		ug/L			04/11/25 12:45	1
Xylenes, Total	**119**		3.00		ug/L			04/11/25 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*04/11/25 12:45*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*04/11/25 12:45*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*04/11/25 12:45*	*1*

Method: EPA 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	**0.581**		0.0640		ug/L		04/15/25 13:43	04/17/25 12:48	1
Endosulfan II	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:48	1
Endosulfan sulfate	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*25*		*10 - 124*	*04/15/25 13:43*	*04/17/25 12:48*	*1*
Tetrachloro-m-xylene (Surr)	*42*		*10 - 124*	*04/15/25 13:43*	*04/17/25 12:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease) (40CFR136A 1664A)	**5.5**		5.3		mg/L		04/14/25 06:00	04/14/25 06:00	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303770-1
Project/Site: Landfill of North Iowa Leachate

Client Sample ID: Load Out #2_25_04_Composite
Lab Sample ID: 310-303770-2
Date Collected: 04/09/25 08:50
Matrix: Water
Date Received: 04/09/25 11:38

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<5.00		5.00		ug/L			04/10/25 18:01	10
Bromodichloromethane	<10.0		10.0		ug/L			04/10/25 18:01	10
Bromoform	<50.0		50.0		ug/L			04/10/25 18:01	10
Bromomethane	<40.0		40.0		ug/L			04/10/25 18:01	10
Carbon tetrachloride	<20.0		20.0		ug/L			04/10/25 18:01	10
Chlorobenzene	<10.0		10.0		ug/L			04/10/25 18:01	10
Chlorodibromomethane	<50.0		50.0		ug/L			04/10/25 18:01	10
Chloroethane	<40.0		40.0		ug/L			04/10/25 18:01	10
2-Chloroethyl vinyl ether	<20.0		20.0		ug/L			04/10/25 18:01	10
Chloroform	<30.0		30.0		ug/L			04/10/25 18:01	10
Chloromethane	<30.0		30.0		ug/L			04/10/25 18:01	10
cis-1,2-Dichloroethene	<10.0		10.0		ug/L			04/10/25 18:01	10
cis-1,3-Dichloropropene	<50.0		50.0		ug/L			04/10/25 18:01	10
1,2-Dichlorobenzene	<10.0		10.0		ug/L			04/10/25 18:01	10
1,1-Dichloroethane	<10.0		10.0		ug/L			04/10/25 18:01	10
1,2-Dichloroethane	<10.0		10.0		ug/L			04/10/25 18:01	10
1,1-Dichloroethene	<20.0		20.0		ug/L			04/10/25 18:01	10
1,2-Dichloroethene, Total	<10.0		10.0		ug/L			04/10/25 18:01	10
1,2-Dichloropropane	<10.0		10.0		ug/L			04/10/25 18:01	10
1,3-Dichloropropene, Total	<50.0		50.0		ug/L			04/10/25 18:01	10
Ethylbenzene	<10.0		10.0		ug/L			04/10/25 18:01	10
Methylene chloride	<50.0		50.0		ug/L			04/10/25 18:01	10
1,1,2,2-Tetrachloroethane	<10.0		10.0		ug/L			04/10/25 18:01	10
Tetrachloroethene	<10.0		10.0		ug/L			04/10/25 18:01	10
Toluene	<10.0		10.0		ug/L			04/10/25 18:01	10
trans-1,2-Dichloroethene	<10.0		10.0		ug/L			04/10/25 18:01	10
trans-1,3-Dichloropropene	<50.0		50.0		ug/L			04/10/25 18:01	10
1,1,1-Trichloroethane	<10.0		10.0		ug/L			04/10/25 18:01	10
1,1,2-Trichloroethane	<10.0		10.0		ug/L			04/10/25 18:01	10
Trichloroethene	<10.0		10.0		ug/L			04/10/25 18:01	10
Vinyl chloride	<10.0		10.0		ug/L			04/10/25 18:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*04/10/25 18:01*	*10*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*04/10/25 18:01*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/10/25 18:01*	*10*

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Acenaphthylene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Anthracene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Benzidine	<20.0		20.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Benzo(a)anthracene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Benzo(a)pyrene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Benzo(b)fluoranthene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Benzo(g,h,i)perylene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Benzo(k)fluoranthene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Bis(2-chloroethoxy)methane	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Bis(2-chloroethyl)ether	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303770-1
Project/Site: Landfill of North Iowa Leachate

Client Sample ID: Load Out #2_25_04_Composite
Lab Sample ID: 310-303770-2
Date Collected: 04/09/25 08:50
Matrix: Water
Date Received: 04/09/25 11:38

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis(2-chloroisopropyl) ether	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
4-Bromophenyl phenyl ether	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Butyl benzyl phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
4-Chloro-3-methylphenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2-Chloronaphthalene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2-Chlorophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
4-Chlorophenyl phenyl ether	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Chrysene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Dibenz(a,h)anthracene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
3,3'-Dichlorobenzidine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2,4-Dichlorophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Diethyl phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2,4-Dimethylphenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Dimethyl phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Di-n-butyl phthalate	**3260**		500		ug/L		04/10/25 08:10	04/22/25 12:45	50
4,6-Dinitro-2-methylphenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2,4-Dinitrophenol	<20.0		20.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2,4-Dinitrotoluene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2,6-Dinitrotoluene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Di-n-octyl phthalate	<20.0		20.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
1,2-Diphenylhydrazine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Fluoranthene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Fluorene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Hexachlorobenzene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Hexachlorobutadiene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Hexachlorocyclopentadiene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Hexachloroethane	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Indeno(1,2,3-cd)pyrene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Isophorone	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Naphthalene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Nitrobenzene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2-Nitrophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
4-Nitrophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
N-Nitrosodimethylamine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
N-Nitrosodi-n-propylamine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
N-Nitrosodiphenylamine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Pentachlorophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Phenanthrene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Phenol	**64.4**		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
Pyrene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
1,2,4-Trichlorobenzene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1
2,4,6-Trichlorophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*41*		*39 - 118*	*04/10/25 08:10*	*04/14/25 18:33*	*1*
2-Fluorophenol (Surr)	*37*		*25 - 110*	*04/10/25 08:10*	*04/14/25 18:33*	*1*
Nitrobenzene-d5 (Surr)	*47*		*45 - 129*	*04/10/25 08:10*	*04/14/25 18:33*	*1*
Phenol-d5 (Surr)	*37*		*21 - 110*	*04/10/25 08:10*	*04/14/25 18:33*	*1*
Terphenyl-d14 (Surr)	*37*		*12 - 144*	*04/10/25 08:10*	*04/14/25 18:33*	*1*

Client Sample ID: Load Out #2_25_04_Composite
Lab Sample ID: 310-303770-2

Date Collected: 04/09/25 08:50
Matrix: Water
Date Received: 04/09/25 11:38

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*27 - 136*	*04/10/25 08:10*	*04/14/25 18:33*	*1*

Method: EPA 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
4,4'-DDE	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
4,4'-DDT	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Aldrin	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
alpha-BHC	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
beta-BHC	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Chlordane (technical)	<2.08		2.08		ug/L		04/15/25 13:43	04/17/25 13:01	1
delta-BHC	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Dieldrin	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Endosulfan I	**0.520**		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Endosulfan II	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Endosulfan sulfate	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Endrin	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Endrin aldehyde	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
gamma-BHC (Lindane)	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Heptachlor	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Heptachlor epoxide	<0.0667		0.0667		ug/L		04/15/25 13:43	04/17/25 13:01	1
Toxaphene	<2.08		2.08		ug/L		04/15/25 13:43	04/17/25 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*54*		*10 - 124*	*04/15/25 13:43*	*04/17/25 13:01*	*1*
Tetrachloro-m-xylene (Surr)	*52*		*10 - 124*	*04/15/25 13:43*	*04/17/25 13:01*	*1*

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 17:52	1
PCB-1221	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 17:52	1
PCB-1232	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 17:52	1
PCB-1242	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 17:52	1
PCB-1248	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 17:52	1
PCB-1254	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 17:52	1
PCB-1260	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*38*		*10 - 124*	*04/10/25 09:59*	*04/14/25 17:52*	*1*
Tetrachloro-m-xylene (Surr)	*32*		*10 - 124*	*04/10/25 09:59*	*04/14/25 17:52*	*1*

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0243**		0.00200		mg/L		04/11/25 09:00	04/11/25 18:27	1
Barium	**0.962**		0.00200		mg/L		04/11/25 09:00	04/11/25 18:27	1
Cadmium	<0.000200		0.000200		mg/L		04/11/25 09:00	04/11/25 18:27	1
Chromium	**0.0730**		0.00500		mg/L		04/11/25 09:00	04/11/25 18:27	1
Copper	**0.0172**		0.00500		mg/L		04/11/25 09:00	04/14/25 11:52	1
Iron	**11.1**		0.100		mg/L		04/11/25 09:00	04/11/25 18:27	1
Lead	**0.00259**		0.000500		mg/L		04/11/25 09:00	04/11/25 18:27	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303770-1
Project/Site: Landfill of North Iowa Leachate

Client Sample ID: Load Out #2_25_04_Composite
Lab Sample ID: 310-303770-2
Date Collected: 04/09/25 08:50
Matrix: Water
Date Received: 04/09/25 11:38

Method: EPA 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.168**		0.00500		mg/L		04/11/25 09:00	04/14/25 11:52	1
Selenium	<0.00500		0.00500		mg/L		04/11/25 09:00	04/11/25 18:27	1
Silver	<0.00100		0.00100		mg/L		04/11/25 09:00	04/11/25 18:27	1
Zinc	**0.0928**		0.0200		mg/L		04/11/25 09:00	04/11/25 18:27	1

Method: EPA 245.2 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200		0.000200		mg/L		04/15/25 13:52	04/16/25 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	**502**		235		mg/L		04/14/25 08:49	04/14/25 21:37	9.38
Total Kjeldahl Nitrogen (EPA 351.2	**578**		50.0		mg/L		04/10/25 05:17	04/10/25 18:20	10
Nitrate Nitrite as N (EPA 353.2)	<1.00		1.00		mg/L			04/17/25 13:53	10
Total Phosphorus as P (EPA 365.1)	**4.37**		0.500		mg/L		04/10/25 17:32	04/11/25 12:43	1
Total Suspended Solids (USGS I-3765-85)	**20.0**		15.0		mg/L			04/12/25 14:52	1
Total Dissolved Solids (SM 2540C)	**3980**		250		mg/L			04/11/25 15:53	1
Biochemical Oxygen Demand (SM 5210B)	**87.9**	**b**	3.00		mg/L			04/09/25 12:22	1
Total Organic Carbon (SM 5310C)	**482**		40.0		mg/L			04/10/25 06:32	40

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	**8.2**	**HF**	1.0		SU			04/09/25 13:00	1
Nitrogen, Total (EPA Total Nitrogen)	**578**		50.0		mg/L			04/17/25 13:53	1

Definitions/Glossary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303770-1
Project/Site: Landfill of North Iowa Leachate

Qualifiers

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Leachate

Job ID: 310-303770-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
310-303770-1	Load Out #2_25_04_Grab	106	95	97
310-303770-2	Load Out #2_25_04_Composite	113	99	106
LCS 310-451198/7	Lab Control Sample	101	103	99
LCS 310-451198/8	Lab Control Sample	112	99	105
LCS 310-451345/7	Lab Control Sample	98	99	96
MB 310-451198/6	Method Blank	113	99	106
MB 310-451345/6	Method Blank	120	91	98

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(39-118)	(25-110)	(45-129)	(21-110)	(12-144)	(27-136)
310-303770-2	Load Out #2_25_04_Composite	41	37	47	37	37	43
LCS 310-451168/2-A	Lab Control Sample	70	70	86	61	98	93
LCSD 310-451168/3-A	Lab Control Sample Dup	68	72	87	63	99	97
MB 310-451168/1-A	Method Blank	61	56	77	48	89	76

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 608.3 - Organochlorine Pesticides in Water

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-124)	(10-124)
310-303770-1	Load Out #2_25_04_Grab	25	42
310-303770-2	Load Out #2_25_04_Composite	54	52
LCS 310-451664/2-A	Lab Control Sample	63	77
LCSD 310-451664/3-A	Lab Control Sample Dup	64	72
MB 310-451664/1-A	Method Blank	55	75

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303770-1
Project/Site: Landfill of North Iowa Leachate

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX1								
Lab Sample ID	Client Sample ID	(10-124)	(10-124)								
310-303770-2	Load Out #2_25_04_Composite	38	32								
LCS 310-451191/2-A	Lab Control Sample	55	61								
LCSD 310-451191/3-A	Lab Control Sample Dup	74	75								
MB 310-451191/1-A	Method Blank	69	80								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-451198/6
Matrix: Water
Analysis Batch: 451198

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500		0.500		ug/L			04/10/25 11:15	1
Bromodichloromethane	<1.00		1.00		ug/L			04/10/25 11:15	1
Bromoform	<5.00		5.00		ug/L			04/10/25 11:15	1
Bromomethane	<4.00		4.00		ug/L			04/10/25 11:15	1
Carbon tetrachloride	<2.00		2.00		ug/L			04/10/25 11:15	1
Chlorobenzene	<1.00		1.00		ug/L			04/10/25 11:15	1
Chlorodibromomethane	<5.00		5.00		ug/L			04/10/25 11:15	1
Chloroethane	<4.00		4.00		ug/L			04/10/25 11:15	1
2-Chloroethyl vinyl ether	<2.00		2.00		ug/L			04/10/25 11:15	1
Chloroform	<3.00		3.00		ug/L			04/10/25 11:15	1
Chloromethane	<3.00		3.00		ug/L			04/10/25 11:15	1
cis-1,2-Dichloroethene	<1.00		1.00		ug/L			04/10/25 11:15	1
cis-1,3-Dichloropropene	<5.00		5.00		ug/L			04/10/25 11:15	1
1,2-Dichlorobenzene	<1.00		1.00		ug/L			04/10/25 11:15	1
1,1-Dichloroethane	<1.00		1.00		ug/L			04/10/25 11:15	1
1,2-Dichloroethane	<1.00		1.00		ug/L			04/10/25 11:15	1
1,1-Dichloroethene	<2.00		2.00		ug/L			04/10/25 11:15	1
1,2-Dichloroethene, Total	<1.00		1.00		ug/L			04/10/25 11:15	1
1,2-Dichloropropane	<1.00		1.00		ug/L			04/10/25 11:15	1
1,3-Dichloropropene, Total	<5.00		5.00		ug/L			04/10/25 11:15	1
Ethylbenzene	<1.00		1.00		ug/L			04/10/25 11:15	1
Methylene chloride	<5.00		5.00		ug/L			04/10/25 11:15	1
1,1,2,2-Tetrachloroethane	<1.00		1.00		ug/L			04/10/25 11:15	1
Tetrachloroethene	<1.00		1.00		ug/L			04/10/25 11:15	1
Toluene	<1.00		1.00		ug/L			04/10/25 11:15	1
trans-1,2-Dichloroethene	<1.00		1.00		ug/L			04/10/25 11:15	1
trans-1,3-Dichloropropene	<5.00		5.00		ug/L			04/10/25 11:15	1
1,1,1-Trichloroethane	<1.00		1.00		ug/L			04/10/25 11:15	1
1,1,2-Trichloroethane	<1.00		1.00		ug/L			04/10/25 11:15	1
Trichloroethene	<1.00		1.00		ug/L			04/10/25 11:15	1
Vinyl chloride	<1.00		1.00		ug/L			04/10/25 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*04/10/25 11:15*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*04/10/25 11:15*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/10/25 11:15*	*1*

Lab Sample ID: LCS 310-451198/7
Matrix: Water
Analysis Batch: 451198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	17.80		ug/L		89	70 - 130
Bromodichloromethane	20.0	18.32		ug/L		92	70 - 130
Bromoform	20.0	16.51		ug/L		83	70 - 130
Carbon tetrachloride	20.0	19.97		ug/L		100	70 - 130
Chlorobenzene	20.0	16.87		ug/L		84	70 - 130
Chlorodibromomethane	20.0	17.50		ug/L		87	70 - 130

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-451198/7
Matrix: Water
Analysis Batch: 451198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloroethyl vinyl ether	20.0	19.91		ug/L		100	48 - 150
Chloroform	20.0	19.22		ug/L		96	70 - 130
cis-1,2-Dichloroethene	20.0	19.41		ug/L		97	70 - 130
cis-1,3-Dichloropropene	20.0	18.95		ug/L		95	70 - 130
1,2-Dichlorobenzene	20.0	18.50		ug/L		93	70 - 130
1,1-Dichloroethane	20.0	19.95		ug/L		100	70 - 130
1,2-Dichloroethane	20.0	18.70		ug/L		93	70 - 130
1,1-Dichloroethene	20.0	20.28		ug/L		101	63 - 132
1,2-Dichloroethene, Total	40.0	37.70		ug/L		94	70 - 130
1,2-Dichloropropane	20.0	19.31		ug/L		97	70 - 130
1,3-Dichloropropene, Total	40.0	36.35		ug/L		91	70 - 130
Ethylbenzene	20.0	18.03		ug/L		90	70 - 130
Methylene chloride	20.0	20.38		ug/L		102	60 - 140
1,1,2,2-Tetrachloroethane	20.0	16.90		ug/L		84	68 - 130
Tetrachloroethene	20.0	18.23		ug/L		91	70 - 130
Toluene	20.0	18.62		ug/L		93	70 - 130
trans-1,2-Dichloroethene	20.0	18.29		ug/L		91	70 - 130
trans-1,3-Dichloropropene	20.0	17.40		ug/L		87	69 - 130
1,1,1-Trichloroethane	20.0	18.78		ug/L		94	70 - 130
1,1,2-Trichloroethane	20.0	17.31		ug/L		87	70 - 130
Trichloroethene	20.0	18.70		ug/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCS 310-451198/8
Matrix: Water
Analysis Batch: 451198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	13.02		ug/L		65	23 - 150
Chloroethane	20.0	17.11		ug/L		86	54 - 136
Chloromethane	20.0	17.29		ug/L		86	38 - 150
Vinyl chloride	20.0	17.98		ug/L		90	56 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*112*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 310-451345/6
Matrix: Water
Analysis Batch: 451345

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500		0.500		ug/L			04/11/25 10:13	1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-451345/6
Matrix: Water
Analysis Batch: 451345

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<3.00		3.00		ug/L			04/11/25 10:13	1
Ethylbenzene	<1.00		1.00		ug/L			04/11/25 10:13	1
Toluene	<1.00		1.00		ug/L			04/11/25 10:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*04/11/25 10:13*	*1*
Dibromofluoromethane (Surr)	*120*		*70 - 130*		*04/11/25 10:13*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*04/11/25 10:13*	*1*

Lab Sample ID: LCS 310-451345/7
Matrix: Water
Analysis Batch: 451345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	18.76		ug/L		94	70 - 130
Xylenes, Total	40.0	33.81		ug/L		85	70 - 130
Ethylbenzene	20.0	17.30		ug/L		87	70 - 130
Toluene	20.0	19.38		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-451168/1-A
Matrix: Water
Analysis Batch: 451512

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Acenaphthylene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Anthracene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Benzidine	<20.0		20.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Benzo(a)anthracene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Benzo(a)pyrene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Benzo(b)fluoranthene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Benzo(g,h,i)perylene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Benzo(k)fluoranthene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Bis(2-chloroethoxy)methane	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Bis(2-chloroethyl)ether	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
bis(2-chloroisopropyl) ether	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
4-Bromophenyl phenyl ether	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Butyl benzyl phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
4-Chloro-3-methylphenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
2-Chloronaphthalene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Leachate

Job ID: 310-303770-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-451168/1-A
Matrix: Water
Analysis Batch: 451512

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
4-Chlorophenyl phenyl ether	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Chrysene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Dibenz(a,h)anthracene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
3,3'-Dichlorobenzidine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
2,4-Dichlorophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Diethyl phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
2,4-Dimethylphenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Dimethyl phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Di-n-butyl phthalate	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
4,6-Dinitro-2-methylphenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
2,4-Dinitrophenol	<20.0		20.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
2,4-Dinitrotoluene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
2,6-Dinitrotoluene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Di-n-octyl phthalate	<20.0		20.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
1,2-Diphenylhydrazine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Fluoranthene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Fluorene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Hexachlorobenzene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Hexachlorobutadiene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Hexachlorocyclopentadiene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Hexachloroethane	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Indeno(1,2,3-cd)pyrene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Isophorone	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Naphthalene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Nitrobenzene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
2-Nitrophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
4-Nitrophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
N-Nitrosodimethylamine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
N-Nitrosodi-n-propylamine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
N-Nitrosodiphenylamine	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Pentachlorophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Phenanthrene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Phenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
Pyrene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
1,2,4-Trichlorobenzene	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1
2,4,6-Trichlorophenol	<10.0		10.0		ug/L		04/10/25 08:10	04/14/25 12:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*61*		*39 - 118*	*04/10/25 08:10*	*04/14/25 12:23*	*1*
2-Fluorophenol (Surr)	*56*		*25 - 110*	*04/10/25 08:10*	*04/14/25 12:23*	*1*
Nitrobenzene-d5 (Surr)	*77*		*45 - 129*	*04/10/25 08:10*	*04/14/25 12:23*	*1*
Phenol-d5 (Surr)	*48*		*21 - 110*	*04/10/25 08:10*	*04/14/25 12:23*	*1*
Terphenyl-d14 (Surr)	*89*		*12 - 144*	*04/10/25 08:10*	*04/14/25 12:23*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*27 - 136*	*04/10/25 08:10*	*04/14/25 12:23*	*1*

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-451168/2-A
Matrix: Water
Analysis Batch: 451512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451168

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	100	78.80		ug/L		79	47 - 110
Acenaphthylene	100	81.61		ug/L		82	40 - 110
Anthracene	100	84.60		ug/L		85	51 - 120
Benzo(a)anthracene	100	90.91		ug/L		91	51 - 123
Benzo(a)pyrene	100	91.60		ug/L		92	48 - 125
Benzo(b)fluoranthene	100	92.08		ug/L		92	49 - 129
Benzo(g,h,i)perylene	100	93.43		ug/L		93	43 - 139
Benzo(k)fluoranthene	100	102.1		ug/L		102	47 - 130
Bis(2-chloroethoxy)methane	100	89.72		ug/L		90	48 - 121
Bis(2-chloroethyl)ether	100	87.08		ug/L		87	43 - 123
bis(2-chloroisopropyl) ether	100	79.43		ug/L		79	36 - 123
Bis(2-ethylhexyl) phthalate	100	111.8		ug/L		112	43 - 143
4-Bromophenyl phenyl ether	100	88.76		ug/L		89	53 - 119
Butyl benzyl phthalate	100	107.2		ug/L		107	46 - 135
4-Chloro-3-methylphenol	100	86.13		ug/L		86	49 - 130
2-Chloronaphthalene	100	73.04		ug/L		73	60 - 110
2-Chlorophenol	100	78.83		ug/L		79	44 - 117
4-Chlorophenyl phenyl ether	100	82.45		ug/L		82	44 - 116
Chrysene	100	93.54		ug/L		94	51 - 125
Dibenz(a,h)anthracene	100	81.90		ug/L		82	38 - 149
2,4-Dichlorophenol	100	86.54		ug/L		87	41 - 124
Diethyl phthalate	100	80.25		ug/L		80	43 - 120
2,4-Dimethylphenol	100	88.53		ug/L		89	32 - 120
Dimethyl phthalate	100	90.59		ug/L		91	43 - 120
Di-n-butyl phthalate	100	98.81		ug/L		99	50 - 120
4,6-Dinitro-2-methylphenol	200	170.5		ug/L		85	22 - 143
2,4-Dinitrophenol	200	131.6		ug/L		66	10 - 138
2,4-Dinitrotoluene	100	87.55		ug/L		88	47 - 137
2,6-Dinitrotoluene	100	90.04		ug/L		90	51 - 130
Di-n-octyl phthalate	100	100.7		ug/L		101	34 - 146
1,2-Diphenylhydrazine	100	84.70		ug/L		85	48 - 121
Fluoranthene	100	84.64		ug/L		85	47 - 128
Fluorene	100	78.38		ug/L		78	59 - 119
Hexachlorobenzene	100	84.71		ug/L		85	48 - 119
Hexachlorobutadiene	100	70.64		ug/L		71	32 - 110
Hexachlorocyclopentadiene	100	70.33		ug/L		70	10 - 110
Hexachloroethane	100	63.49		ug/L		63	40 - 110
Indeno(1,2,3-cd)pyrene	100	81.96		ug/L		82	37 - 150
Isophorone	100	84.84		ug/L		85	50 - 125
Naphthalene	100	67.82		ug/L		68	38 - 110
Nitrobenzene	100	84.15		ug/L		84	47 - 116
2-Nitrophenol	100	88.67		ug/L		89	41 - 129
4-Nitrophenol	200	122.8		ug/L		61	18 - 110
N-Nitrosodimethylamine	100	78.23		ug/L		78	37 - 111
N-Nitrosodi-n-propylamine	100	79.87		ug/L		80	45 - 130
N-Nitrosodiphenylamine	100	81.67		ug/L		82	49 - 121
Pentachlorophenol	200	172.4		ug/L		86	26 - 133
Phenanthrene	100	85.69		ug/L		86	54 - 117

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-451168/2-A
Matrix: Water
Analysis Batch: 451512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451168

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenol			100	59.63		ug/L		60	29 - 110		
Pyrene			100	98.02		ug/L		98	52 - 120		
1,2,4-Trichlorobenzene			100	67.96		ug/L		68	44 - 110		
2,4,6-Trichlorophenol			100	90.31		ug/L		90	37 - 139		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*70*		*39 - 118*
2-Fluorophenol (Surr)	*70*		*25 - 110*
Nitrobenzene-d5 (Surr)	*86*		*45 - 129*
Phenol-d5 (Surr)	*61*		*21 - 110*
Terphenyl-d14 (Surr)	*98*		*12 - 144*
2,4,6-Tribromophenol (Surr)	*93*		*27 - 136*

Lab Sample ID: LCSD 310-451168/3-A
Matrix: Water
Analysis Batch: 451512

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 451168

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			100	84.63		ug/L		85	47 - 110	7	35
Acenaphthylene			100	89.90		ug/L		90	40 - 110	10	35
Anthracene			100	95.38		ug/L		95	51 - 120	12	35
Benzo(a)anthracene			100	100.2		ug/L		100	51 - 123	10	35
Benzo(a)pyrene			100	101.0		ug/L		101	48 - 125	10	35
Benzo(b)fluoranthene			100	100.6		ug/L		101	49 - 129	9	35
Benzo(g,h,i)perylene			100	100.7		ug/L		101	43 - 139	8	35
Benzo(k)fluoranthene			100	116.8		ug/L		117	47 - 130	13	35
Bis(2-chloroethoxy)methane			100	95.11		ug/L		95	48 - 121	6	35
Bis(2-chloroethyl)ether			100	92.57		ug/L		93	43 - 123	6	35
bis(2-chloroisopropyl) ether			100	89.07		ug/L		89	36 - 123	11	35
Bis(2-ethylhexyl) phthalate			100	120.6		ug/L		121	43 - 143	8	35
4-Bromophenyl phenyl ether			100	97.50		ug/L		98	53 - 119	9	35
Butyl benzyl phthalate			100	114.7		ug/L		115	46 - 135	7	35
4-Chloro-3-methylphenol			100	90.24		ug/L		90	49 - 130	5	35
2-Chloronaphthalene			100	79.35		ug/L		79	60 - 110	8	24
2-Chlorophenol			100	86.90		ug/L		87	44 - 117	10	35
4-Chlorophenyl phenyl ether			100	87.99		ug/L		88	44 - 116	7	35
Chrysene			100	104.9		ug/L		105	51 - 125	11	35
Dibenz(a,h)anthracene			100	95.68		ug/L		96	38 - 149	16	35
2,4-Dichlorophenol			100	91.52		ug/L		92	41 - 124	6	35
Diethyl phthalate			100	86.61		ug/L		87	43 - 120	8	35
2,4-Dimethylphenol			100	91.82		ug/L		92	32 - 120	4	35
Dimethyl phthalate			100	97.39		ug/L		97	43 - 120	7	35
Di-n-butyl phthalate			100	108.6		ug/L		109	50 - 120	9	35
4,6-Dinitro-2-methylphenol			200	179.3		ug/L		90	22 - 143	5	35
2,4-Dinitrophenol			200	113.3		ug/L		57	10 - 138	15	35
2,4-Dinitrotoluene			100	94.47		ug/L		94	47 - 137	8	35
2,6-Dinitrotoluene			100	94.62		ug/L		95	51 - 130	5	35
Di-n-octyl phthalate			100	110.8		ug/L		111	34 - 146	10	35

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-451168/3-A
Matrix: Water
Analysis Batch: 451512

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 451168

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Diphenylhydrazine			100	91.74		ug/L		92	48 - 121	8	35
Fluoranthene			100	96.08		ug/L		96	47 - 128	13	35
Fluorene			100	84.35		ug/L		84	59 - 119	7	35
Hexachlorobenzene			100	94.61		ug/L		95	48 - 119	11	35
Hexachlorobutadiene			100	75.02		ug/L		75	32 - 110	6	35
Hexachlorocyclopentadiene			100	76.58		ug/L		77	10 - 110	9	35
Hexachloroethane			100	70.55		ug/L		71	40 - 110	11	35
Indeno(1,2,3-cd)pyrene			100	92.20		ug/L		92	37 - 150	12	35
Isophorone			100	90.46		ug/L		90	50 - 125	6	35
Naphthalene			100	73.62		ug/L		74	38 - 110	8	35
Nitrobenzene			100	92.14		ug/L		92	47 - 116	9	35
2-Nitrophenol			100	95.82		ug/L		96	41 - 129	8	35
4-Nitrophenol			200	129.1		ug/L		65	18 - 110	5	35
N-Nitrosodimethylamine			100	85.32		ug/L		85	37 - 111	9	35
N-Nitrosodi-n-propylamine			100	87.66		ug/L		88	45 - 130	9	35
N-Nitrosodiphenylamine			100	86.22		ug/L		86	49 - 121	5	35
Pentachlorophenol			200	188.1		ug/L		94	26 - 133	9	35
Phenanthrene			100	96.38		ug/L		96	54 - 117	12	35
Phenol			100	65.49		ug/L		65	29 - 110	9	35
Pyrene			100	105.1		ug/L		105	52 - 120	7	35
1,2,4-Trichlorobenzene			100	73.55		ug/L		74	44 - 110	8	35
2,4,6-Trichlorophenol			100	99.34		ug/L		99	37 - 139	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*68*		*39 - 118*
2-Fluorophenol (Surr)	*72*		*25 - 110*
Nitrobenzene-d5 (Surr)	*87*		*45 - 129*
Phenol-d5 (Surr)	*63*		*21 - 110*
Terphenyl-d14 (Surr)	*99*		*12 - 144*
2,4,6-Tribromophenol (Surr)	*97*		*27 - 136*

Method: 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 310-451664/1-A
Matrix: Water
Analysis Batch: 451845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
4,4'-DDE	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
4,4'-DDT	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Aldrin	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
alpha-BHC	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
beta-BHC	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Chlordane (technical)	<2.00		2.00		ug/L		04/15/25 13:43	04/17/25 12:09	1
delta-BHC	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Dieldrin	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Endosulfan I	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Endosulfan II	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: MB 310-451664/1-A
Matrix: Water
Analysis Batch: 451845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Endrin	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Endrin aldehyde	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
gamma-BHC (Lindane)	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Heptachlor	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Heptachlor epoxide	<0.0640		0.0640		ug/L		04/15/25 13:43	04/17/25 12:09	1
Toxaphene	<2.00		2.00		ug/L		04/15/25 13:43	04/17/25 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*55*		*10 - 124*	*04/15/25 13:43*	*04/17/25 12:09*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*10 - 124*	*04/15/25 13:43*	*04/17/25 12:09*	*1*

Lab Sample ID: LCS 310-451664/2-A
Matrix: Water
Analysis Batch: 451845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451664

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			1.00	0.7423		ug/L		74	35 - 128		
4,4'-DDE			1.00	0.6948		ug/L		69	35 - 111		
4,4'-DDT			1.00	0.9019		ug/L		90	25 - 132		
Aldrin			1.00	0.7801		ug/L		78	42 - 110		
alpha-BHC			1.00	0.7919		ug/L		79	38 - 110		
beta-BHC			1.00	0.8079		ug/L		81	40 - 112		
delta-BHC			1.00	0.7855		ug/L		79	36 - 111		
Dieldrin			1.00	0.7333		ug/L		73	39 - 112		
Endosulfan I			1.00	0.7274		ug/L		73	45 - 110		
Endosulfan II			1.00	0.7567		ug/L		76	14 - 110		
Endosulfan sulfate			1.00	0.6640		ug/L		66	34 - 128		
Endrin			1.00	0.7566		ug/L		76	36 - 121		
Endrin aldehyde			1.00	0.6219		ug/L		62	38 - 110		
gamma-BHC (Lindane)			1.00	0.8240		ug/L		82	37 - 110		
Heptachlor			1.00	0.8776		ug/L		88	34 - 110		
Heptachlor epoxide			1.00	0.7533		ug/L		75	39 - 112		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*63*		*10 - 124*
Tetrachloro-m-xylene (Surr)	*77*		*10 - 124*

Lab Sample ID: LCSD 310-451664/3-A
Matrix: Water
Analysis Batch: 451845

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 451664

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			1.00	0.6828		ug/L		68	35 - 128	8	35
4,4'-DDE			1.00	0.6496		ug/L		65	35 - 111	7	35
4,4'-DDT			1.00	0.8679		ug/L		87	25 - 132	4	35
Aldrin			1.00	0.7391		ug/L		74	42 - 110	5	35
alpha-BHC			1.00	0.7276		ug/L		73	38 - 110	8	35

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCSD 310-451664/3-A
Matrix: Water
Analysis Batch: 451845

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 451664

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
beta-BHC			1.00	0.7527		ug/L		75	40 - 112	7	34
delta-BHC			1.00	0.7177		ug/L		72	36 - 111	9	35
Dieldrin			1.00	0.6586		ug/L		66	39 - 112	11	35
Endosulfan I			1.00	0.6957		ug/L		70	45 - 110	4	28
Endosulfan II			1.00	0.7003		ug/L		70	14 - 110	8	35
Endosulfan sulfate			1.00	0.6162		ug/L		62	34 - 128	7	35
Endrin			1.00	0.6943		ug/L		69	36 - 121	9	35
Endrin aldehyde			1.00	0.6273		ug/L		63	38 - 110	1	35
gamma-BHC (Lindane)			1.00	0.7577		ug/L		76	37 - 110	8	35
Heptachlor			1.00	0.8066		ug/L		81	34 - 110	8	35
Heptachlor epoxide			1.00	0.7343		ug/L		73	39 - 112	3	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*64*		*10 - 124*
Tetrachloro-m-xylene (Surr)	*72*		*10 - 124*

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 310-451191/1-A
Matrix: Water
Analysis Batch: 451475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 16:31	1
PCB-1221	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 16:31	1
PCB-1232	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 16:31	1
PCB-1242	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 16:31	1
PCB-1248	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 16:31	1
PCB-1254	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 16:31	1
PCB-1260	<0.800		0.800		ug/L		04/10/25 09:59	04/14/25 16:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*69*		*10 - 124*	*04/10/25 09:59*	*04/14/25 16:31*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*10 - 124*	*04/10/25 09:59*	*04/14/25 16:31*	*1*

Lab Sample ID: LCS 310-451191/2-A
Matrix: Water
Analysis Batch: 451475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451191

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016			10.0	6.869		ug/L		69	50 - 134
PCB-1260			10.0	7.612		ug/L		76	34 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*55*		*10 - 124*
Tetrachloro-m-xylene (Surr)	*61*		*10 - 124*

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCSD 310-451191/3-A
Matrix: Water
Analysis Batch: 451475

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 451191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			10.0	9.071		ug/L		91	50 - 134	28	35
PCB-1260			10.0	9.791		ug/L		98	34 - 124	25	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*74*		*10 - 124*
Tetrachloro-m-xylene (Surr)	*75*		*10 - 124*

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 310-451245/1-A
Matrix: Water
Analysis Batch: 451461

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00200		0.00200		mg/L		04/11/25 09:00	04/11/25 17:51	1
Barium	<0.00200		0.00200		mg/L		04/11/25 09:00	04/11/25 17:51	1
Cadmium	<0.000200		0.000200		mg/L		04/11/25 09:00	04/11/25 17:51	1
Chromium	<0.00500		0.00500		mg/L		04/11/25 09:00	04/11/25 17:51	1
Iron	<0.100		0.100		mg/L		04/11/25 09:00	04/11/25 17:51	1
Lead	<0.000500		0.000500		mg/L		04/11/25 09:00	04/11/25 17:51	1
Selenium	<0.00500		0.00500		mg/L		04/11/25 09:00	04/11/25 17:51	1
Silver	<0.00100		0.00100		mg/L		04/11/25 09:00	04/11/25 17:51	1
Zinc	<0.0200		0.0200		mg/L		04/11/25 09:00	04/11/25 17:51	1

Lab Sample ID: MB 310-451245/1-A
Matrix: Water
Analysis Batch: 451606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.00500		0.00500		mg/L		04/11/25 09:00	04/14/25 11:29	1
Nickel	<0.00500		0.00500		mg/L		04/11/25 09:00	04/14/25 11:29	1

Lab Sample ID: LCS 310-451245/2-A
Matrix: Water
Analysis Batch: 451461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451245

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic			0.200	0.2040		mg/L		102	85 - 115
Barium			0.100	0.1060		mg/L		106	85 - 115
Cadmium			0.100	0.1032		mg/L		103	85 - 115
Chromium			0.100	0.1009		mg/L		101	85 - 115
Iron			0.200	0.2174		mg/L		109	85 - 115
Lead			0.200	0.2075		mg/L		104	85 - 115
Selenium			0.400	0.3823		mg/L		96	85 - 115
Silver			0.100	0.1042		mg/L		104	85 - 115
Zinc			0.200	0.1980		mg/L		99	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-451245/2-A
Matrix: Water
Analysis Batch: 451606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	0.200	0.2131		mg/L		107	85 - 115
Nickel	0.200	0.2131		mg/L		107	85 - 115

Method: 245.2 - Mercury (CVAA)

Lab Sample ID: MB 310-451650/1-A
Matrix: Water
Analysis Batch: 451799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200		0.000200		mg/L		04/15/25 13:52	04/16/25 14:03	1

Lab Sample ID: LCS 310-451650/2-A
Matrix: Water
Analysis Batch: 451799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00167	0.001679		mg/L		101	85 - 115

Method: 1664A - HEM and SGT-HEM by Extraction and Gravimetry

Lab Sample ID: MB 310-451382/1-A
Matrix: Water
Analysis Batch: 451540

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451382

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	<5.0		5.0		mg/L		04/14/25 06:00	04/14/25 06:00	1

Lab Sample ID: LCS 310-451382/2-A
Matrix: Water
Analysis Batch: 451540

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
HEM (Oil & Grease)	40.0	37.80		mg/L		95	78 - 114

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 310-451467/1-A
Matrix: Water
Analysis Batch: 451572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	<0.500		0.500		mg/L		04/14/25 08:49	04/14/25 19:45	1

Lab Sample ID: LCS 310-451467/2-A
Matrix: Water
Analysis Batch: 451572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	4.00	3.695		mg/L		92	90 - 110

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 310-451146/1-A
Matrix: Water
Analysis Batch: 451272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451146

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	<1.00		1.00		mg/L		04/10/25 05:17	04/10/25 17:18	1

Lab Sample ID: LCS 310-451146/2-A
Matrix: Water
Analysis Batch: 451272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451146

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Kjeldahl Nitrogen	4.01	3.688		mg/L		92	90 - 110

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 310-451949/16
Matrix: Water
Analysis Batch: 451949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<0.100		0.100		mg/L			04/17/25 12:42	1

Lab Sample ID: MB 310-451949/48
Matrix: Water
Analysis Batch: 451949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<0.100		0.100		mg/L			04/17/25 14:10	1

Lab Sample ID: LCS 310-451949/17
Matrix: Water
Analysis Batch: 451949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	2.07	1.923		mg/L		93	90 - 110

Lab Sample ID: LCS 310-451949/49
Matrix: Water
Analysis Batch: 451949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	2.07	2.085		mg/L		101	90 - 110

Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 310-451269/1-A
Matrix: Water
Analysis Batch: 451386

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451269

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Phosphorus as P	<0.100		0.100		mg/L		04/10/25 17:32	04/11/25 12:15	1

Method: 365.1 - Phosphorus, Total (Continued)

Lab Sample ID: LCS 310-451269/2-A
Matrix: Water
Analysis Batch: 451386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451269

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Phosphorus as P	1.00	1.044		mg/L		104	90 - 110

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-451430/1
Matrix: Water
Analysis Batch: 451430

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.0		5.0		mg/L			04/12/25 14:52	1

Lab Sample ID: LCS 310-451430/2
Matrix: Water
Analysis Batch: 451430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	95.00		mg/L		95	81 - 116

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 310-451412/1
Matrix: Water
Analysis Batch: 451412

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<50.0		50.0		mg/L			04/11/25 15:53	1

Lab Sample ID: LCS 310-451412/2
Matrix: Water
Analysis Batch: 451412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	994.0		mg/L		99	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 310-451112/1
Matrix: Water
Analysis Batch: 451112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	7.00	7.1		SU		101	98 - 102

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 310-451089/1
Matrix: Water
Analysis Batch: 451089

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<3.00		3.00		mg/L			04/09/25 10:08	1

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: LCS 310-451089/2
Matrix: Water
Analysis Batch: 451089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Biochemical Oxygen Demand			198	222.7		mg/L		112	85 - 115		

Method: SM 5310C - TOC

Lab Sample ID: MB 310-451237/12
Matrix: Water
Analysis Batch: 451237

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00		mg/L			04/09/25 16:05	1

Lab Sample ID: LCS 310-451237/13
Matrix: Water
Analysis Batch: 451237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			9.99	10.77		mg/L		108	85 - 115		

GC/MS VOA

Analysis Batch: 451198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	624.1	
MB 310-451198/6	Method Blank	Total/NA	Water	624.1	
LCS 310-451198/7	Lab Control Sample	Total/NA	Water	624.1	
LCS 310-451198/8	Lab Control Sample	Total/NA	Water	624.1	

Analysis Batch: 451345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-1	Load Out #2_25_04_Grab	Total/NA	Water	624.1	
MB 310-451345/6	Method Blank	Total/NA	Water	624.1	
LCS 310-451345/7	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 451168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	625	
MB 310-451168/1-A	Method Blank	Total/NA	Water	625	
LCS 310-451168/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 310-451168/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 451512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	625.1	451168
MB 310-451168/1-A	Method Blank	Total/NA	Water	625.1	451168
LCS 310-451168/2-A	Lab Control Sample	Total/NA	Water	625.1	451168
LCSD 310-451168/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	451168

Analysis Batch: 452255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	625.1	451168

GC Semi VOA

Prep Batch: 451191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	608	
MB 310-451191/1-A	Method Blank	Total/NA	Water	608	
LCS 310-451191/2-A	Lab Control Sample	Total/NA	Water	608	
LCSD 310-451191/3-A	Lab Control Sample Dup	Total/NA	Water	608	

Analysis Batch: 451475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	608.3	451191
MB 310-451191/1-A	Method Blank	Total/NA	Water	608.3	451191
LCS 310-451191/2-A	Lab Control Sample	Total/NA	Water	608.3	451191
LCSD 310-451191/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	451191

Prep Batch: 451664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-1	Load Out #2_25_04_Grab	Total/NA	Water	608	
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	608	
MB 310-451664/1-A	Method Blank	Total/NA	Water	608	

GC Semi VOA (Continued)

Prep Batch: 451664 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-451664/2-A	Lab Control Sample	Total/NA	Water	608	
LCSD 310-451664/3-A	Lab Control Sample Dup	Total/NA	Water	608	

Analysis Batch: 451845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-1	Load Out #2_25_04_Grab	Total/NA	Water	608.3	451664
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	608.3	451664
MB 310-451664/1-A	Method Blank	Total/NA	Water	608.3	451664
LCS 310-451664/2-A	Lab Control Sample	Total/NA	Water	608.3	451664
LCSD 310-451664/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	451664

Metals

Prep Batch: 451245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	200.8	
MB 310-451245/1-A	Method Blank	Total/NA	Water	200.8	
LCS 310-451245/2-A	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 451461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	200.8	451245
MB 310-451245/1-A	Method Blank	Total/NA	Water	200.8	451245
LCS 310-451245/2-A	Lab Control Sample	Total/NA	Water	200.8	451245

Analysis Batch: 451606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	200.8	451245
MB 310-451245/1-A	Method Blank	Total/NA	Water	200.8	451245
LCS 310-451245/2-A	Lab Control Sample	Total/NA	Water	200.8	451245

Prep Batch: 451650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	245.1	
MB 310-451650/1-A	Method Blank	Total/NA	Water	245.1	
LCS 310-451650/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 451799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	245.2	451650
MB 310-451650/1-A	Method Blank	Total/NA	Water	245.2	451650
LCS 310-451650/2-A	Lab Control Sample	Total/NA	Water	245.2	451650

General Chemistry

Analysis Batch: 451089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	SM 5210B	
USB 310-451089/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 310-451089/2	Lab Control Sample	Total/NA	Water	SM 5210B	

General Chemistry

Analysis Batch: 451112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	SM 4500 H+ B	
LCS 310-451112/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 451146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	351.2	
MB 310-451146/1-A	Method Blank	Total/NA	Water	351.2	
LCS 310-451146/2-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 451237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	SM 5310C	
MB 310-451237/12	Method Blank	Total/NA	Water	SM 5310C	
LCS 310-451237/13	Lab Control Sample	Total/NA	Water	SM 5310C	

Prep Batch: 451269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	365.2/365.3/365	
MB 310-451269/1-A	Method Blank	Total/NA	Water	365.2/365.3/365	
LCS 310-451269/2-A	Lab Control Sample	Total/NA	Water	365.2/365.3/365	

Analysis Batch: 451272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	351.2	451146
MB 310-451146/1-A	Method Blank	Total/NA	Water	351.2	451146
LCS 310-451146/2-A	Lab Control Sample	Total/NA	Water	351.2	451146

Prep Batch: 451382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-1	Load Out #2_25_04_Grab	Total/NA	Water	1664A	
MB 310-451382/1-A	Method Blank	Total/NA	Water	1664A	
LCS 310-451382/2-A	Lab Control Sample	Total/NA	Water	1664A	

Analysis Batch: 451386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	365.1	451269
MB 310-451269/1-A	Method Blank	Total/NA	Water	365.1	451269
LCS 310-451269/2-A	Lab Control Sample	Total/NA	Water	365.1	451269

Analysis Batch: 451402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	Total Nitrogen	

Analysis Batch: 451412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	SM 2540C	
MB 310-451412/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 310-451412/2	Lab Control Sample	Total/NA	Water	SM 2540C	

General Chemistry

Analysis Batch: 451430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	I-3765-85	
MB 310-451430/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-451430/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Prep Batch: 451467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	Distill/Ammonia	
MB 310-451467/1-A	Method Blank	Total/NA	Water	Distill/Ammonia	
LCS 310-451467/2-A	Lab Control Sample	Total/NA	Water	Distill/Ammonia	

Analysis Batch: 451540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-1	Load Out #2_25_04_Grab	Total/NA	Water	1664A	451382
MB 310-451382/1-A	Method Blank	Total/NA	Water	1664A	451382
LCS 310-451382/2-A	Lab Control Sample	Total/NA	Water	1664A	451382

Analysis Batch: 451572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	350.1	451467
MB 310-451467/1-A	Method Blank	Total/NA	Water	350.1	451467
LCS 310-451467/2-A	Lab Control Sample	Total/NA	Water	350.1	451467

Analysis Batch: 451949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-303770-2	Load Out #2_25_04_Composite	Total/NA	Water	353.2	
MB 310-451949/16	Method Blank	Total/NA	Water	353.2	
MB 310-451949/48	Method Blank	Total/NA	Water	353.2	
LCS 310-451949/17	Lab Control Sample	Total/NA	Water	353.2	
LCS 310-451949/49	Lab Control Sample	Total/NA	Water	353.2	

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303770-1
Project/Site: Landfill of North Iowa Leachate

Client Sample ID: Load Out #2_25_04_Grab
Lab Sample ID: 310-303770-1
Date Collected: 04/09/25 09:05
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	451345	WSE8	EET CF	04/11/25 12:45
Total/NA	Prep	608			451664	J5BR	EET CF	04/15/25 13:43
Total/NA	Analysis	608.3		1	451845	BW2O	EET CF	04/17/25 12:48
Total/NA	Prep	1664A			451382	DGU1	EET CF	04/14/25 06:00
Total/NA	Analysis	1664A		1	451540	DGU1	EET CF	04/14/25 06:00

Client Sample ID: Load Out #2_25_04_Composite
Lab Sample ID: 310-303770-2
Date Collected: 04/09/25 08:50
Matrix: Water
Date Received: 04/09/25 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		10	451198	WSE8	EET CF	04/10/25 18:01
Total/NA	Prep	625			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	625.1		1	451512	V7YZ	EET CF	04/14/25 18:33
Total/NA	Prep	625			451168	J5BR	EET CF	04/10/25 08:10
Total/NA	Analysis	625.1		50	452255	V7YZ	EET CF	04/22/25 12:45
Total/NA	Prep	608			451191	J5BR	EET CF	04/10/25 09:59
Total/NA	Analysis	608.3		1	451475	BW2O	EET CF	04/14/25 17:52
Total/NA	Prep	608			451664	J5BR	EET CF	04/15/25 13:43
Total/NA	Analysis	608.3		1	451845	BW2O	EET CF	04/17/25 13:01
Total/NA	Prep	200.8			451245	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	200.8		1	451461	NFT2	EET CF	04/11/25 18:27
Total/NA	Prep	200.8			451245	QTZ5	EET CF	04/11/25 09:00
Total/NA	Analysis	200.8		1	451606	NFT2	EET CF	04/14/25 11:52
Total/NA	Prep	245.1			451650	F5MW	EET CF	04/15/25 13:52
Total/NA	Analysis	245.2		1	451799	F5MW	EET CF	04/16/25 14:43
Total/NA	Prep	Distill/Ammonia			451467	RLT9	EET CF	04/14/25 08:49
Total/NA	Analysis	350.1		9.38	451572	ZJX4	EET CF	04/14/25 21:37
Total/NA	Prep	351.2			451146	W9YR	EET CF	04/10/25 05:17
Total/NA	Analysis	351.2		10	451272	ZJX4	EET CF	04/10/25 18:20
Total/NA	Analysis	353.2		10	451949	ENB7	EET CF	04/17/25 13:53
Total/NA	Prep	365.2/365.3/365			451269	T5AC	EET CF	04/10/25 17:32
Total/NA	Analysis	365.1		1	451386	ENB7	EET CF	04/11/25 12:43
Total/NA	Analysis	I-3765-85		1	451430	XJ7V	EET CF	04/12/25 14:52
Total/NA	Analysis	SM 2540C		1	451412	MDU9	EET CF	04/11/25 15:53
Total/NA	Analysis	SM 4500 H+ B		1	451112	W9YR	EET CF	04/09/25 13:00
Total/NA	Analysis	SM 5210B		1	451089	W9YR	EET CF	04/09/25 12:22
Total/NA	Analysis	SM 5310C		40	451237	HE7K	EET CF	04/10/25 06:32
Total/NA	Analysis	Total Nitrogen		1	451402	HE7K	EET CF	04/17/25 13:53

Laboratory References:
EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Accreditation/Certification Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-303770-1
Project/Site: Landfill of North Iowa Leachate

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
624.1		Water	1,3-Dichloropropene, Total
Total Nitrogen		Water	Nitrogen, Total

Method Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: Landfill of North Iowa Leachate

Job ID: 310-303770-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET CF
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET CF
608.3	Organochlorine Pesticides in Water	EPA	EET CF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	EPA	EET CF
200.8	Metals (ICP/MS)	EPA	EET CF
245.2	Mercury (CVAA)	EPA	EET CF
1664A	HEM and SGT-HEM by Extraction and Gravimetry	40CFR136A	EET CF
350.1	Nitrogen, Ammonia	EPA	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET CF
365.1	Phosphorus, Total	EPA	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CF
SM 4500 H+ B	pH	SM	EET CF
SM 5210B	BOD, 5-Day	SM	EET CF
SM 5310C	TOC	SM	EET CF
Total Nitrogen	Nitrogen, Total	EPA	EET CF
1664A	HEM and SGT-HEM (SPE)	1664A	EET CF
200.8	Preparation, Total Metals	EPA	EET CF
245.1	Preparation, Mercury	EPA	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
365.2/365.3/365	Phosphorus, Total	EPA	EET CF
608	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET CF
625	Liquid-Liquid Extraction	EPA	EET CF
Distill/Ammonia	Distillation, Ammonia	None	EET CF

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

eurofins | Environment Testing America

310-303770 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth Infrastructure

City/State: CITY Cedar Rapids STATE IA Project: Landfill North IA.

Receipt Information

Date/Time Received: DATE 4/9/25 TIME 1138 Received By: JL

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☑ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler?	☑ Yes	☐ No	*If yes:* Cooler ID
Multiple Coolers?	☐ Yes	☒ No	*If yes:* Cooler # _____ of _____
Cooler Custody Seals Present? No	☐ Yes	☒ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present? No	☐ Yes	☒ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☐ Yes	☒ No	*If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: -0.1 AH Correction Factor (°C): -0.1 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): -0.1 Corrected Temp (°C): -0.1

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 1 of 1 **COC Number:** 1-3865545471-031325-487315

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To: Stephany Teisinger (City of Mason City)	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: Landfill of North Iowa Leachate	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz, Tyler Merritt
hannah.dubbs@foth.com	Task #: Leachate_2025_04	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: Annual Parameter List	Fats, Oil, & Grease	BTEX	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N		
1	Load Out #2_25_04_Grab	Load Out #2	L	G	04/09/25	09:05	10	5	2		3					X	X	X	X	X		
2	Load Out #2_25_04_Composite	Load Out #2	L	C	04/09/25	08:50	16	8	4	1	3				X							
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
						4/9/25	16:32		4/9/25	11:38

SAMPLE CONDITION:

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Matrix = Leachate

BTEX. report Benzene, Toluene, Ethylbenzene, and Total Xylenes individually

Annual Parameter List on 2nd tab of this Workbook

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Curtis Schwartz

SIGNATURE of SAMPLER

DATE Signed 04-09-25

4/22/2025

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-303770-1

Login Number: 303770
List Number: 1
Creator: Hirsch, Preston

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Bill Rowland
Landfill Of North Iowa
15942 Killdeer Avenue
Clear Lake, Iowa 50428

Generated 8/27/2025 3:07:36 PM

JOB DESCRIPTION

Landfill of North Iowa Leachate

JOB NUMBER

310-313466-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

my EOL

Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
8/27/2025 3:07:36 PM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

Job Narrative
310-313466-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/15/2025 10:57 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

GC/MS VOA
Method 624.1_PREC: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: Load Out #2_25_08_Grab (310-313466-1).

Method 624.1_PREC: The following volatiles sample was diluted due to foaming at the time of sample preparation during the original sample analysis: Load Out #2_25_08_Grab (310-313466-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 608.3_Pest_PREC: The laboratory control sample (LCS) for preparation batch 310-464388 and analytical batch 310-464819 recovered outside control limits for the following analytes: Endosulfan I.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 1664A: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: Load Out #2_25_08_Grab (310-313466-1). The sample(s) was preserved to the appropriate pH in the laboratory.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Landfill Of North Iowa
Job ID: 310-313466-1
Project/Site: Landfill of North Iowa Leachate

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-313466-1	Load Out #2_25_08_Grab	Water	08/14/25 12:55	08/15/25 10:57	Iowa
310-313466-2	Load Out #2_25_08_Composite	Water	08/14/25 12:50	08/15/25 10:57	Iowa

Client: Landfill Of North Iowa
Job ID: 310-313466-1
Project/Site: Landfill of North Iowa Leachate

Client Sample ID: Load Out #2_25_08_Grab
Lab Sample ID: 310-313466-1
Date Collected: 08/14/25 12:55
Matrix: Water
Date Received: 08/15/25 10:57

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Benzene	<5.00		5.00		ug/L		08/18/25 17:14	10	WSE8
Ethylbenzene	<10.0		10.0		ug/L		08/18/25 17:14	10	WSE8
Toluene	<10.0		10.0		ug/L		08/18/25 17:14	10	WSE8
Xylenes, Total	<30.0		30.0		ug/L		08/18/25 17:14	10	WSE8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Analyzed*	*Dil Fac*	*Analyst*
Dibromofluoromethane (Surr)	*117*		*76 - 130*	*08/18/25 17:14*	*10*	*WSE8*
Toluene-d8 (Surr)	*97*		*80 - 120*	*08/18/25 17:14*	*10*	*WSE8*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*08/18/25 17:14*	*10*	*WSE8*

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Endosulfan I	<0.0640	*-	0.0640		ug/L		08/26/25 21:06	1	BW2O
Endosulfan II	<0.0640		0.0640		ug/L		08/26/25 21:06	1	BW2O
Endosulfan sulfate	<0.0640		0.0640		ug/L		08/26/25 21:06	1	BW2O

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Analyzed*	*Dil Fac*	*Analyst*
DCB Decachlorobiphenyl (Surr)	*45*		*10 - 126*	*08/26/25 21:06*	*1*	*BW2O*
Tetrachloro-m-xylene (Surr)	*46*		*10 - 124*	*08/26/25 21:06*	*1*	*BW2O*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
HEM (Oil & Grease) (1664A)	**7.9**		5.1		mg/L		08/22/25 08:00	1	HE7K

Client Sample ID: Load Out #2_25_08_Composite
Lab Sample ID: 310-313466-2
Date Collected: 08/14/25 12:50
Matrix: Water
Date Received: 08/15/25 10:57

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Ammonia as N (350.1)	**826**		50.0		mg/L		08/21/25 15:44	100	WZC8
Total Kjeldahl Nitrogen (351.2)	**733**		50.0		mg/L		08/18/25 21:39	10	ZJX4
Nitrate Nitrite as N (353.2)	**1.88**	**F1**	1.00		mg/L		08/21/25 10:59	10	WZC8
Total Phosphorus as P (365.1)	**5.44**		1.00		mg/L		08/19/25 22:01	10	ZJX4

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	Dil Fac	Analyst
Nitrogen, Total (Total Nitrogen)	**735**		50.0		mg/L		08/21/25 10:59	1	HE7K

Accreditation/Certification and Definitions Summary

Client: Landfill Of North Iowa
Job ID: 310-313466-1
Project/Site: Landfill of North Iowa Leachate

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total Nitrogen		Water	Nitrogen, Total

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
MRL	Method Reporting Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Landfill Of North Iowa
Job ID: 310-313466-1
Project/Site: Landfill of North Iowa Leachate

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET CF
608.3	Organochlorine Pesticides in Water	EPA	EET CF
1664A	HEM and SGT-HEM by Extraction and Gravimetry	40CFR136A	EET CF
350.1	Nitrogen, Ammonia	EPA	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET CF
365.1	Phosphorus, Total	EPA	EET CF
Total Nitrogen	Nitrogen, Total	EPA	EET CF
1664A	HEM and SGT-HEM (SPE)	1664A	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
365.2/365.3/365	Phosphorus, Total	EPA	EET CF
608	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET CF

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

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310-313466 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth

City/State. CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 8-15-25 | TIME 1057 | Received By Ce

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler?	☒ Yes	☐ No	*If yes:* Cooler ID
Multiple Coolers?	☐ Yes	☒ No	*If yes:* Cooler # _____ of _____
Cooler Custody Seals Present? No	☐ Yes	☒ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐
Sample Custody Seals Present? No	☐ Yes	☒ No	*If yes:* Sample custody seals intact? ☐ Yes ☐
Trip Blank Present?	☐ Yes	☒ No	*If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID. AA | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.5 | Corrected Temp (°C): 0.5

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C).		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 1 **of** 1

COC Number: 1-3865545471-072525-183426

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To: Stephany Teisinger (City of Mason City)	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To Bill Rowland (LNI)		Project #: 25L005.00
Phone: (319) 365-9565	P.O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: Landfill of North Iowa Leachate	Regulatory Agency: Iowa DNR	Sampling Team Members: Gina Wilming
hannah.dubbs@foth.com	Task #: Leachate_2025_08	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: Ammonia	Fats, Oil, & Grease	Total Nitrogen	Total Phosphorus	BTEX	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N	N	N		
1	Load Out #2_25_08_Grab	Load Out #2	L	G	08/14/25	1255										X			X	X	X	X		
2	Load Out #2_25_08_Composite	Load Out #2	L	C	08/14/25	1250									X		X	X						
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Gina Wilming GW	8/14/25	1057			
						8/15/25				
								CC 8-15-25 1057		

SAMPLE CONDITION:

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Matrix = Leachate

BTEX. report Benzene, Toluene, Ethylbenzene, and Total Xylenes individually

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Gina Wilming

SIGNATURE of SAMPLER Gina Wilming

DATE Signed: 8/14/25

8/27/2025

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1 2 3 4 5 6 7

ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Wilming
Foth Infrastructure & Environment, LLC
411 6th Avenue SE
Suite 400
Cedar Rapids, Iowa 52401

Generated 10/23/2025 12:27:45 AM

JOB DESCRIPTION

Landfill of North Iowa- Leachate

JOB NUMBER

310-317676-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

my EOL

Eurofins Cedar Falls

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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10/23/2025 12:27:45 AM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

Job ID: 310-317676-1 Eurofins Cedar Falls

Job Narrative
310-317676-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/9/2025 12:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

GC/MS VOA
Method 624.1_PREC: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: Load Out #2_25_10_Grab (310-317676-1).

Method 624.1_PREC: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: Load Out #2_25_10_Grab (310-317676-1).

Method 624.1_PREC: The following volatiles sample was diluted due to foaming at the time of sample preparation during the original sample analysis: Load Out #2_25_10_Grab (310-317676-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 608.3_Pest_PREC: The laboratory control sample (LCS) for preparation batch 310-469820 and analytical batch 310-470425 recovered outside control limits for the following analytes: Endosulfan I.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 1664A: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: Load Out #2_25_10_Grab (310-317676-1). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 353.2: The following sample was diluted due to the nature of the sample matrix: Load Out #2_25_10_Composite (310-317676-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317676-1
Project/Site: Landfill of North Iowa- Leachate

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-317676-1	Load Out #2_25_10_Grab	Water	10/08/25 10:05	10/09/25 12:40	Iowa
310-317676-2	Load Out #2_25_10_Composite	Water	10/08/25 09:55	10/09/25 12:40	Iowa

Client Sample ID: Load Out #2_25_10_Grab

Lab Sample ID: 310-317676-1

Date Collected: 10/08/25 10:05

Matrix: Water

Date Received: 10/09/25 12:40

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Benzene	<5.00		5.00		ug/L		10/10/25 14:33	10	WSE8
Ethylbenzene	<10.0		10.0		ug/L		10/10/25 14:33	10	WSE8
Toluene	<10.0		10.0		ug/L		10/10/25 14:33	10	WSE8
Xylenes, Total	<30.0		30.0		ug/L		10/10/25 14:33	10	WSE8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Analyzed*	*Dil Fac*	*Analyst*
Dibromofluoromethane (Surr)	*100*		*76 - 130*	*10/10/25 14:33*	*10*	*WSE8*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/10/25 14:33*	*10*	*WSE8*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/10/25 14:33*	*10*	*WSE8*

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Endosulfan I	<0.0667	*-	0.0667		ug/L		10/16/25 22:36	1	BW2O
Endosulfan II	<0.0667		0.0667		ug/L		10/16/25 22:36	1	BW2O
Endosulfan sulfate	<0.0667		0.0667		ug/L		10/16/25 22:36	1	BW2O

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Analyzed*	*Dil Fac*	*Analyst*
DCB Decachlorobiphenyl (Surr)	*32*		*10 - 126*	*10/16/25 22:36*	*1*	*BW2O*
Tetrachloro-m-xylene (Surr)	*30*		*10 - 124*	*10/16/25 22:36*	*1*	*BW2O*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
HEM (Oil & Grease) (1664A)	**6.1**		4.7		mg/L		10/15/25 08:00	1	HE7K

Client Sample ID: Load Out #2_25_10_Composite

Lab Sample ID: 310-317676-2

Date Collected: 10/08/25 09:55

Matrix: Water

Date Received: 10/09/25 12:40

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Ammonia as N (350.1)	**711**		50.0		mg/L		10/17/25 13:04	100	WZC8
Total Kjeldahl Nitrogen (351.2)	**772**		50.0		mg/L		10/10/25 17:05	10	ZJX4
Nitrate Nitrite as N (353.2)	<1.00		1.00		mg/L		10/17/25 16:30	10	WZC8
Total Phosphorus as P (365.1)	**6.51**		0.500		mg/L		10/19/25 21:28	1	ZJX4

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	Dil Fac	Analyst
Nitrogen, Total (Total Nitrogen)	**772**		50.0		mg/L		10/17/25 16:30	1	HE7K

Accreditation/Certification and Definitions Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317676-1
Project/Site: Landfill of North Iowa- Leachate

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total Nitrogen		Water	Nitrogen, Total

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
MRL	Method Reporting Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-317676-1
Project/Site: Landfill of North Iowa- Leachate

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET CF
608.3	Organochlorine Pesticides in Water	EPA	EET CF
1664A	HEM and SGT-HEM by Extraction and Gravimetry	40CFR136A	EET CF
350.1	Nitrogen, Ammonia	EPA	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET CF
365.1	Phosphorus, Total	EPA	EET CF
Total Nitrogen	Nitrogen, Total	EPA	EET CF
1664A	HEM and SGT-HEM (SPE)	1664A	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
365.2/365.3/365	Phosphorus, Total	EPA	EET CF
608	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET CF

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

eurofins | Environment Testing America

310-317676 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: Form			
City/State:	CITY: Cedar Rapids	STATE: IA	Project:
Receipt Information			
Date/Time Received	DATE: 10/09/25	TIME: 1240	Received By: ES
Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	☒ Yes ☐ No	*If yes* Cooler ID	
Multiple Coolers?	☐ Yes ☒ No	*If yes:* Cooler # _____ of _____	
Cooler Custody Seals Present?	☐ Yes ☒ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No	
Sample Custody Seals Present?	☐ Yes ☒ No	*If yes* Sample custody seals intact? ☐ Yes ☐ No	
Trip Blank Present?	☐ Yes ☒ No	*If yes* Which VOA samples are in cooler? ↓	
Temperature Record			
Coolant:	☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____	☐ NONE	
Thermometer ID: R		Correction Factor (°C): 0	
• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): 5.8		Corrected Temp (°C) 5.8	
• **Sample Container Temperature**			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C)			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No			
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page: 1 of 1 **COC Number:** 1-3865545471-072425-546734

Company: Foth Infrastructure & Environment, LLC	Report To: Gina Wilming/Hannah Dubbs (Foth)	Requested Due Date:	Quote Reference:
Address: 411 6th Avenue SE, Suite 400	Copy To: Stephany Teisinger (City of Mason City)	*TAT: Standard	Project Manager: Gina Wilming
Cedar Rapids, IA 52401	Invoice To: Bill Rowland (LNI)		Project #: 25L005.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses:	Project Name: Landfill of North Iowa Leachate	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz
	Task #: Leachate_2025_10	State Location: Iowa	

ITEM NUMBER	SAMPLE ID	Sample Location	MATRIX CODE	SAMPLE TYPE G = Grab C = Composite	DATE COLLECTED MM/DD/YYYY	TIME COLLECTED (Military time)	Preservatives: Total # Containers	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Requested Analysis: Ammonia	Fats, Oil, & Grease	Total Nitrogen	Total Phosphorus	BTEX	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N	N	N		
1	Load Out #2_25_10_Grab	Load Out #2	L	G	10/8/25	10:05	10	5	2		3					X			X	X	X	X		
2	Load Out #2_25_10_Composite	Load Out #2	L	C	10/8	9:55	1		1						X		X	X						
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Tyler Merritt	10/9/25	12:35		10/9	12:40

SAMPLE CONDITION:

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Sample Intact	Y / N

SAMPLE NOTES:

Matrix = Leachate

BTEX. report Benzene, Toluene, Ethylbenzene, and Total Xylenes individually

Additional Comments:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Merritt

SIGNATURE of SAMPLER: Tyler Merritt

DATE Signed: 10/9/25